

## **SPORTING RIFLES**

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## **Lever-Action Rifles**

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## **Pump-Action Rifles**

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[Belgian Pump-Action Rifles](#)  
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## **Semiautomatic Sporting Rifles**

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**Single-Shot & Double Sporting Rifles (Including Combination Rifles)**

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- [Belgian Single-Shot & Double Sporting Rifles](#)
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- [German Single-Shot & Double Sporting Rifles J-K](#)
- [German Single-Shot & Double Sporting Rifles M-Z](#)
- [International Single-Shot & Double Sporting Rifles](#)
- [Italian Single-Shot & Double Sporting Rifles](#)
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- [US Single-Shot & Double Sporting Rifles E-I](#)
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**Sportco Hornet**

Notes: As the name implies, this is conventional bolt-action sporting rifle firing .22 Hornet ammunition. The receiver is squared, better to accept sight mounts and scope rings. The stock has a Monte Carlo comb, and the handiwork on these rifles is excellent. Controls are large and easy to manipulate. Unusual for a civilian sporter is sling swivels. For whatever reason, the Sportco Hornet was never popular and production has ceased by the early 1970s.

Weapon	Ammunition	Weight	Magazines	Price
Sportco Hornet	.22 Hornet	2.99 kg	5	\$691

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sportco Hornet	BA	3	1-Nil	6	3	Nil	76

**Mannlicher-Schoenauer High Velocity**

Notes: Mannlicher-Schoenauer made its name in World War 1, the Franco-Prussian was, and even in the interwar period. After World War 2 they concentrated on civilian design; even during the interwar period, many of their designs were for civilians. The High Velocity is one of those rifles, produced from the early 1920 to World War 2. The rifle was named for the fast, heavy-caliber ammunition it fired. The High Velocity has a one-piece stock with machine checkering on the semi-pistol grip and fore-end; it is made from walnut. External metalwork is blued. Sights consist of a 3-leaf adjustable rear and a ramp front. It features a rotary detachable magazine and a butterknife bolt handle. The fore-end of the stock tapers to about halfway to the end of the barrel, which is 23.5-inch inches.

Weapon	Ammunition	Weight	Magazines	Price
High Velocity	7x64mm Brenneke	3.4 kg	5	\$1514
High Velocity	8mm Mannlicher-Schoenauer	4.5 kg	5	\$1712
High Velocity	.30-06 Springfield	3.06 kg	5	\$1012
High Velocity	9.3x62mm Mauser	3.95 kg	5	\$2733
High Velocity	10x68mm Mauser	4.55 kg	5	\$3747

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
High Velocity (7mm)	BA	4	1-2-3	8	4	Nil	83
High Velocity (8mm)	BA	4	1-2-3	8	4	Nil	98
High Velocity (.243)	BA	3	2-Nil	7	3	Nil	72
High Velocity (9.3mm)	BA	5	2-4-Nil	8	6	Nil	87
High Velocity (10mm)	BA	7	1-3-5	9	6	Nil	105

**Merkel RX-Helix**

Notes: Produced after the takeover of Merkel by Steyr, The RX-Helix represents the first “off-the-rack” rifle; it is not so much a handmade weapon as one that is made using mass production methods. While you do not get as exact a rifle in all parts, it does allow for interchangeable parts, something Merkel has done little of over the years. The barrel also has an interesting feature for a Merkel gun – it is both switch-barrel and uses a floating barrel once locked in. (A special wrench comes with the rifle for this purpose.) The action may be cycled without chambering a round, depending on how far the wrist switch is moved. In addition, the bolt action of the RX-Helix is such that pulling the bolt back moves the bolt twice as far – for example, pulling back the bolt enough to cycle a .22 WMR round is enough to cycle a 7.62mm NATO round. The cocking lever is textured and is spoon-shaped. The Safebolt system is used; the rifle can be fired only if a round is in place and the weapon is cocked, and the bolt down on a round. Walnut root is used for the stock. The action is fairly complicated; for example, a pair of squeeze flanges must be pulled to the rear, after which the magazine release may be pushed. Despite the complexity of operation, field stripping is a simple three-step process with no tools required. Metal is blued. The scope mount was designed especially for the RX-Helix, but can take most scope mounts. Iron sights front and rear are provided. The action allows for any short action to be switched with another short action, and the same goes for magnum and standard-action rounds. Barrel length is 20 inches for a short-action, 22 inches for a standard-action, and 24 inches for a Magnum action. They are tipped by a target crown.

Weapon	Ammunition	Weight	Magazines	Price
RX-Helix Short-Action	.222 Remington	2.9 kg	3	\$757
RX-Helix Short-Action	5.56mm NATO	2.93 kg	3	\$775
RX-Helix Standard-Action	.243 Winchester	3.25 kg	3	\$999
RX-Helix Standard-Action	6.5mm Swedish	3.48 kg	3	\$1182
RX-Helix Standard-Action	.270 Winchester	3.8 kg	3	\$1457
RX-Helix Standard-Action	7x64mm Brenneke	3.85 kg	3	\$1501
RX-Helix Standard-Action	7.62mm NATO	3.77 kg	3	\$1428
RX-Helix Standard-Action	.30-06 Springfield	4.07 kg	3	\$1708
RX-Helix Standard-Action	8mm Mauser	4.06 kg	3	\$1696
RX-Helix Standard-Action	9.3x62mm Mauser	4.42 kg	3	\$2704
RX-Helix Magnum	7mm Remington Mauser	3.7 kg	3	\$1516
RX-Helix Magnum	.300 Winchester Magnum	4.18 kg	3	\$2309

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
RX-Helix Short-Action (.222)	BA	3	1-Nil	6	3	Nil	66
RX-Helix Short-Action (5.56mm)	BA	3	1-Nil	6	3	Nil	63
RX-Helix Standard-Action (.243)	BA	3	2-Nil	7	3	Nil	69
RX-Helix Standard-Action (6.5mm)	BA	4	2-Nil	7	4	Nil	71
RX-Helix Standard-Action (.270)	BA	4	2-3-Nil	7	4	Nil	63
RX-Helix Standard-Action (7x64mm)	BA	4	2-3-Nil	7	4	Nil	66



RX-Helix Standard-Action (7.62mm)	BA	4	2-3-Nil	7	4	Nil	83
RX-Helix Standard-Action (.30-06)	BA	4	2-3-Nil	7	4	Nil	72
RX-Helix Standard-Action (8mm)	BA	4	2-3-Nil	7	4	Nil	83
RX-Helix Standard-Action (9.3x62mm)	BA	5	2-4-Nil	7	5	Nil	83
RX-Helix Magnum (7mm Magnum)	BA	4	1-2-3	7	4	Nil	90
RX-Helix Magnum (.300 Magnum)	BA	5	1-2-3	8	4	Nil	93

**Repetier-Pirschbusche**

Notes: This was one of the first sporting rifles, or rifles of any kind, produced by Austria after World War 1. They were basically produced in three production periods: 1921-34, 1934-40, and 1950-71, and can still be encountered in Europe. The first models were chambered for .30-06 Springfield and exported exclusively to the US and Canada. Later models were chambered for a variety of cartridges, with rounds such as 7mm Remington Magnum, .30-06 Springfield, 8mm RWS, and 9.3mm Swiss. After World War 2 came a plethora of cartridges. Most guns sold in North America had single triggers, but most sold in Europe had set triggers.

Weapon	Ammunition	Weight	Magazines	Price
Repetier-Pirsbusche	.243 Winchester	2.87 kg	5 Internal	\$1007
Repetier-Pirsbusche	.257 Roberts	3.43 kg	5 Internal	\$1171
Repetier-Pirsbusche	6.5mm Mannlicher-Schoenauer	3.38 kg	5 Internal	\$1155
Repetier-Pirsbusche	.270 Winchester	4.45 kg	5 Internal	\$1466
Repetier-Pirsbusche	7mm Mauser	4.14 kg	5 Internal	\$1376
Repetier-Pirsbusche	7mm Remington Magnum	4.58 kg	5 Internal	\$1505
Repetier-Pirsbusche	7.62mm NATO	4.35 kg	5 Internal	\$1437
Repetier-Pirsbusche	.30-06 Springfield	5.32 kg	5 Internal	\$1718
Repetier-Pirsbusche	8mm RWS	5.39 kg	5 Internal	\$1739
Repetier-Pirsbusche	8mm Mauser	5.27 kg	5 Internal	\$1706
Repetier-Pirsbusche	9mm Mauser	8.36 kg	5 Internal	\$2900
Repetier-Pirsbusche	9.3mm Swiss	6.86 kg	5 Internal	\$2465
Repetier-Pirsbusche	9.5mm Mannlicher	7.77 kg	5 Internal	\$2727

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Repetier-Pirsbusche (.243)	BA	3	2-Nil	7	3	Nil	70
Repetier-Pirsbusche (.257)	BA	4	2-Nil	7	4	Nil	68
Repetier-Pirsbusche (6.5mm)	BA	4	2-Nil	7	4	Nil	73
Repetier-Pirsbusche (.270)	BA	4	2-3-Nil	7	4	Nil	65
Repetier-Pirsbusche (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	75
Repetier-Pirsbusche (7mm Magnum)	BA	4	1-2-3	7	4	Nil	81
Repetier-Pirsbusche (7.62mm)	BA	4	2-3-Nil	7	4	Nil	84
Repetier-Pirsbusche (.30-06)	BA	4	2-3-Nil	7	4	Nil	73
Repetier-Pirsbusche (8mm RWS)	BA	4	2-3-Nil	7	4	Nil	80
Repetier-Pirsbusche (8mm Mauser)	BA	4	2-3-Nil	7	4	Nil	84
Repetier-Pirsbusche (9mm Mauser)	BA	5	2-4-Nil	8	4	Nil	76
Repetier-Pirsbusche (9.3mm)	BA	5	2-4-Nil	8	5	Nil	84
Repetier-Pirsbusche (9.5mm)	BA	5	2-4-Nil	8	4	Nil	84

**Sodia Model 1963**

Notes: These rifles were known for low-cost, being built on refurbished actions and surplus wood. They used an oddly-humped comb and a Bavarian-style cheekpiece. The rifle uses a plain leaf-type rear sight, but other than its sometimes strange chamberings, is unremarkable. The Model 64 Super Express is the same, but chambered for even more exotic cartridges.

Weapon	Ammunition	Weight	Magazines	Price
Sodia 1963	.220 Swift	1.55 kg	5 Internal	\$957
Sodia 1963	.243 Winchester	1.74 kg	5 Internal	\$1022
Sodia 1963	6.5mm Mauser	2.25 kg	5 Internal	\$1190
Sodia 1963	.270 Winchester	3.14 kg	5 Internal	\$1483
Sodia 1963	7mm Mauser	2.86 kg	5 Internal	\$1393
Sodia 1963	7mm Brenneke	3.27 kg	5 Internal	\$1528
Sodia 1963	.30-06 Springfield	3.9 kg	5 Internal	\$1737
Sodia 1963	7.62mm NATO	3.05 kg	5 Internal	\$1455
Sodia 1963	8mm Mauser	3.86 kg	5 Internal	\$1724
Sodia 1963	.338 Winchester Magnum	5.41 kg	5 Internal	\$2516

Sodia 1963	9.3mm Mauser	6.13 kg	5 Internal	\$2754
Sodia 1963	9.3mm Brenneke	6.37 kg	5 Internal	\$2836
Sodia 1964 Super Express	5.6mm Vom Hofe	1.79 kg	5 Internal	\$1037
Sodia 1964 Super Express	7x66mm Vom Hofe	3.38 kg	5 Internal	\$1563
Sodia 1964 Super Express	6.5mm RWS	2.41 kg	5 Internal	\$1242
Sodia 1964 Super Express	8mm RWS	3.97 kg	5 Internal	\$1758

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sodia 1963 (.220)	BA	3	2-Nil	7	5	Nil	63
Sodia 1963 (.243)	BA	3	2-Nil	7	5	Nil	73
Sodia 1963 (6.5mm Mauser)	BA	4	2-Nil	7	5	Nil	76
Sodia 1963 (.270)	BA	4	2-3-Nil	7	5	Nil	67
Sodia 1963 (7mm Mauser)	BA	4	2-3-Nil	7	5	Nil	78
Sodia 1963 (7mm Brenneke)	BA	4	2-3-Nil	7	5	Nil	70
Sodia 1963 (.30-06)	BA	4	2-3-Nil	7	4	Nil	76
Sodia 1963 (7.62mm)	BA	4	2-3-Nil	7	5	Nil	87
Sodia 1963 (8mm Mauser)	BA	4	2-3-Nil	7	4	Nil	88
Sodia 1963 (.338)	BA	6	1-3-Nil	8	5	Nil	100
Sodia 1963 (9.3mm Mauser)	BA	5	2-4-Nil	8	5	Nil	88
Sodia 1963 (9.3mm Brenneke)	BA	5	2-4-Nil	8	5	Nil	88
Sodia 1964 Super Express (5.6mm Vom Hofe)	BA	3	2-Nil	7	5	Nil	58
Sodia 1964 Super Express (7mm Vom Hofe)	BA	4	2-3-Nil	7	5	Nil	68
Sodia 1964 Super Express (6.5mm RWS)	BA	4	2-Nil	7	5	Nil	72
Sodia 1964 Super Express (8mm RWS)	BA	4	2-3-Nil	8	4	Nil	83

Steyr Classic

Notes: This bolt-action hunting rifle was designed to replace the Model 1969 series, and arrived on the market in 1997. The Classic uses the Safe Bolt System (SBS) which makes the weapon much more safe, both from a firing standpoint (the bolt system is much stronger and capable of withstanding much more pressure), and from a general safety standpoint (the weapon can be placed into three levels of increasing safety and includes a chamber-loaded indicator). The Classic Standard version has no iron sights, but is drilled and tapped for a scope mount. It has a standard "half-stock" design, where the fore-end extends halfway or less down the length of the barrel. The Classic Goiserer (Mountain) version is virtually identical, but comes in a different mix of chamberings (the same as the Stutzen) and has iron sights as well as drilling and tapping. The Stutzen has a Mannlicher-type full-length fore-end, but is otherwise similar to the Goiserer except for the weight. All three use a deep pistol-grip wrist stock. All have a detachable magazine of three or four rounds, depending upon the chambering. Barrels range from 20 inches for a Goiserer or Stutzen to 25.625 inches for a Magnum-chambered Standard. If the Classic has a weakness, it is what is also one of its strengths: its light weight, especially considering some of the powerful cartridges it fires.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Classic Standard	.243 Winchester	3.2 kg	4	\$1008
Classic Standard	.25-06 Remington	3.36 kg	4	\$1277
Classic Standard	6.5mm Swedish	3.23 kg	4	\$1192
Classic Standard	.270 Winchester	3.38 kg	4	\$1466
Classic Standard	7x64mm Brenneke	3.4 kg	4	\$1510
Classic Standard	7mm-08 Remington	3.29 kg	4	\$1276
Classic Standard	7mm Remington Magnum	3.4 kg	3	\$1525
Classic Standard	.300 Winchester Magnum	3.62 kg	3	\$2336
Classic Standard	7.62mm NATO	3.37 kg	4	\$1437
Classic Standard	.30-06 Springfield	3.51 kg	4	\$1718
Classic Standard	8mm Mauser	3.5 kg	4	\$1703
Classic Standard	8x68mm RWS	3.69 kg	3	\$2508
Classic Standard	9.3x62mm Mauser	3.82 kg	4	\$2732
Classic Goiserer	.243 Winchester	3 kg	4	\$971
Classic Goiserer	.25-06 Remington	3.15 kg	4	\$1240
Classic Goiserer	6.5mm Swedish	3.03 kg	4	\$1155
Classic Goiserer	.270 Winchester	3.17 kg	4	\$1429
Classic Goiserer	7mm-08 Remington	3.08 kg	4	\$1239
Classic Goiserer	7x64mm Brenneke	3.19 kg	4	\$1473
Classic Goiserer	7.62mm NATO	3.16 kg	4	\$1401
Classic Goiserer	.30-06 Springfield	3.29 kg	4	\$1681
Classic Goiserer	8mm Mauser	3.28 kg	4	\$1666
Classic Stutzen	.243 Winchester	3.2 kg	4	\$971
Classic Stutzen	.25-06 Remington	3.36 kg	4	\$1240
Classic Stutzen	6.5mm Swedish	3.23 kg	4	\$1155
Classic Stutzen	.270 Winchester	3.38 kg	4	\$1429
Classic Stutzen	7mm-08 Remington	3.29 kg	4	\$1239
Classic Stutzen	7x64mm Brenneke	3.4 kg	4	\$1473
Classic Stutzen	7.62mm NATO	3.37 kg	4	\$1401
Classic Stutzen	.30-06 Springfield	3.51 kg	4	\$1681
Classic Stutzen	8mm Mauser	3.5 kg	4	\$1666

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Classic Standard (.243)	BA	3	2-Nil	7	3	Nil	73
Classic Standard (.25-06)	BA	4	2-Nil	7	4	Nil	64
Classic Standard (6.5mm)	BA	4	2-Nil	7	4	Nil	75
Classic Standard (.270)	BA	4	2-3-Nil	7	4	Nil	67
Classic Standard (7x64mm)	BA	4	1-2-3	7	5	Nil	84
Classic Standard (7mm-08)	BA	4	2-3-Nil	7	4	Nil	85
Classic Standard (7mm Magnum)	BA	4	1-2-3	7	5	Nil	95
Classic Standard (.300 Magnum)	BA	5	2-3-Nil	8	5	Nil	98
Classic Standard (7.62mm)	BA	4	2-3-Nil	7	5	Nil	87
Classic Standard (.30-06)	BA	4	2-3-Nil	7	5	Nil	76
Classic Standard (8mm Mauser)	BA	4	2-3-Nil	7	5	Nil	88
Classic Standard (8x68mm)	BA	6	1-3-Nil	8	6	Nil	102



Classic Standard (9.3x62mm)	BA	5	2-4-Nil	8	6	Nil	88
Classic Stutzen (.243)	BA	3	2-Nil	6	3	Nil	57
Classic Stutzen (.25-06)	BA	4	2-Nil	6	4	Nil	49
Classic Stutzen (6.5mm)	BA	3	2-Nil	6	4	Nil	59
Classic Stutzen (.270)	BA	4	2-3-Nil	6	4	Nil	52
Classic Stutzen (7mm-08)	BA	4	2-3-Nil	6	4	Nil	67
Classic Stutzen (7x64mm)	BA	4	1-2-3	6	4	Nil	65
Classic Stutzen (7.62mm)	BA	4	2-3-Nil	6	4	Nil	68
Classic Stutzen (.30-06)	BA	4	2-3-Nil	7	5	Nil	59
Classic Stutzen (8mm Mauser)	BA	4	2-3-Nil	7	5	Nil	68
Classic Goiserer (.243)	BA	3	2-Nil	6	3	Nil	57
Classic Goiserer (.25-06)	BA	4	2-Nil	6	4	Nil	49
Classic Goiserer (6.5mm)	BA	3	2-Nil	6	4	Nil	59
Classic Goiserer (.270)	BA	4	2-3-Nil	6	5	Nil	52
Classic Goiserer (7mm-08)	BA	4	2-3-Nil	6	5	Nil	67
Classic Goiserer (7x64mm)	BA	4	1-2-3	6	5	Nil	65
Classic Goiserer (7.62mm)	BA	4	2-3-Nil	6	4	Nil	68
Classic Goiserer (.30-06)	BA	4	2-3-Nil	7	5	Nil	59
Classic Goiserer (8mm Mauser)	BA	4	2-3-Nil	7	5	Nil	68

Steyr Model 1969

Notes: This is a collection of several related match and hunting rifles built by Steyr. Rifles in this series range from the Match-UIT, used for European and Olympic shooting matches, to the Model S/T, firing heavy Magnum cartridges. They share a basic design, including a bolt under compressive stress and 6 locking lugs, and a vastly-improved Mannlicher-Shoenauer action. They are all drilled and tapped for a scope, except the Match-UIT.

The Match-UIT was first built in 1984. It fires either .243 Winchester or 7.62mm NATO only, and is specifically a match rifle not meant for ordinary hunting or sporting purposes. The Match-UIT features a heavy, floating barrel; the fore-end of the stock is in fact cut away from the barrel to ensure the free-floating quality and cut down on microtremors from the shooters supporting hand. The bolt handle has a larger-than-normal knob, and the top of the barrel has a woven anti-mirage band to cut down on haze between the front and rear sight. The rear sight is an aperture optical sight, and the front sight is of the tube-type.

The Model L (Light), Is a short-action rifle first built in 1969. It is designed for small calibers, and has an unusually-heavy barrel for what is essentially a varmint rifle.

The Model M (Medium) is basically a larger version of the Model L. It also adds a rubber recoil pad to the butt. A minor variant of this rifle is the Model M Professional; this version has a synthetic stock.

The Model S (Standard) was first built in 1970; it was the first of the larger-caliber models of the Model 1969. It was designed specifically for high-pressure and Magnum cartridges, and has a strengthened receiver to withstand these rounds. The Model S has a Monte Carlo comb and a rubber recoil pad on the butt.

The Model SL (Super Light) is the smallest of the Model 1969 rifle series, firing small caliber and small-caliber Magnum cartridges. It has the shortest action of the series, and normally is equipped with a set trigger (though a single trigger could be requested by the buyer).

The Model S/T (Standard/Tropical) was first offered in 1974, and is the “elephant gun” version of the Model 1969 series. It is offered only in one of three large-caliber chamberings. It has a much longer barrel and a larger magazine than its brethren, but is designed to be relatively lighter than the rest of the series.

Weapon	Ammunition	Weight	Magazines	Price
Model 1969 Match-UIT	.243 Winchester	4.94 kg	3	\$1188
Model 1969 Match UIT	7.62mm NATO	4.94 kg	3	\$1620
Model 1969 L	5.6mm RWS	2.97 kg	3	\$997
Model 1969 L	.222 Remington	2.47 kg	3	\$828
Model 1969 L	.243 Winchester	3.12 kg	3	\$1050
Model 1969 L	7.62mm NATO	4.38 kg	3	\$1482
Model 1969 M	6.5mm Swedish Mauser	3.66 kg	3	\$1235
Model 1969 M	6.5mm Mauser	3.61 kg	3	\$1217
Model 1969 M	.270 Winchester	4.47 kg	3	\$1510
Model 1969 M	7mm Mauser	4.2 kg	3	\$1419
Model 1969 M	7mm Brenneke	4.6 kg	3	\$1555
Model 1969 M	7.5mm Swiss	4.67 kg	3	\$1579
Model 1969 M	.30-06 Springfield	5.21 kg	3	\$1763
Model 1969 M	8mm Mauser	5.17 kg	3	\$1751
Model 1969 M	9.3mm Mauser	7.29 kg	3	\$2707

Model 1969 S	6.5x68mm RWS	4.32 kg	3	\$1458
Model 1969 S	7mm Remington Magnum	4.58 kg	3	\$1549
Model 1969 S	.300 Winchester Magnum	5.94 kg	3	\$2247
Model 1969 S	.375 H&H Magnum	8.72 kg	3	\$3196
Model 1969 S	8x68mm RWS	6.45 kg	3	\$2420
Model 1969 SL	.222 Remington	2.22 kg	3	\$828
Model 1969 SL	.222 Remington Magnum	2.36 kg	3	\$875
Model 1969 SL	5.56mm NATO	2.28 kg	3	\$847
Model 1969 SL	5.2x50mm Magnum	2.17 kg	3	\$811
Model 1969 S/T	9.3mm Brenneke	4.2 kg	4	\$2960
Model 1969 S/T	.375 H&H Magnum	4.2 kg	4	\$3367
Model 1969 S/T	.458 Winchester Magnum	4.2 kg	4	\$4130

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 1969 Match-UIT (.243)	BA	3	2-Nil	7	3	Nil	84
Model 1969 Match-UIT (7.62mm)	BA	4	2-3-Nil	8	4	Nil	100
Model 1969 L (5.6mm)	BA	3	1-Nil	6	3	Nil	48
Model 1969 L (.222 Remington)	BA	3	1-Nil	6	3	Nil	63
Model 1969 L (.243)	BA	3	2-Nil	6	3	Nil	57
Model 1969 L (7.62mm)	BA	4	2-3-Nil	7	4	Nil	68
Model 1969 M (6.5mm Swedish)	BA	3	2-Nil	6	4	Nil	59
Model 1969 M (6.5mm Mauser)	BA	3	2-Nil	6	4	Nil	58
Model 1969 M (.270)	BA	4	2-3-Nil	7	3	Nil	52
Model 1969 M (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	61
Model 1969 M (7mm Brenneke)	BA	4	2-3-Nil	7	3	Nil	54
Model 1969 M (7.5mm Swiss)	BA	4	2-3-Nil	7	3	Nil	68
Model 1969 M (.30-06)	BA	4	2-3-Nil	7	3	Nil	59
Model 1969 M (8mm Mauser)	BA	4	2-3-Nil	7	3	Nil	69
Model 1969 M (9.3mm Mauser)	BA	5	2-4-Nil	7	4	Nil	68
Model 1969 S (6.5x68mm)	BA	4	1-2-3	7	3	Nil	57
Model 1969 S (7mm Magnum)	BA	4	1-2-3	7	3	Nil	65
Model 1969 S (.300)	BA	5	2-3-Nil	7	3	Nil	67
Model 1969 S (.375)	BA	6	1-3-Nil	8	4	Nil	75
Model 1969 S (8x68mm)	BA	5	1-2-3	7	3	Nil	70
Model 1969 SL (.222 Remington)	BA	3	1-Nil	6	3	Nil	63
Model 1969 SL (.222 Magnum)	BA	3	1-1-Nil	6	3	Nil	70
Model 1969 SL (5.56mm)	BA	3	1-Nil	6	3	Nil	61
Model 1969 SL (5.2mm Magnum)	BA	3	1-1-Nil	6	3	Nil	60
Model 1969 S/T (9.3mm Brenneke)	BA	5	2-4-Nil	8	5	Nil	99
Model 1969 S/T (.375)	BA	7	1-3-5	9	5	Nil	110
Model 1969 S/T (.458)	BA	8	1-3-5	9	6	Nil	119

Steyr Model 72

Notes: This may be regarded as an improved version of the Model 1969. It was only produced for a short time (1972-1977) and is therefore relatively rare compared to the Model 1969. It was meant to be a “dummy-proof” rifle, after some people experienced bolt failures and sometimes chamber explosions after not locking the bolt of the Model 1969 securely before firing. The barrel was also greatly lengthened, to improve accuracy and reduce muzzle flash.

The differing types of the Model 72 generally follow the lines of the Model 1969: The Model 72L variant, firing small and medium-caliber cartridges; the Model 72M, heavier versions of the Model 72L, but otherwise firing the same ammunition; The Model 72S, firing Magnum ammunition and other heavy cartridges; and the Model 72S/T, firing exclusively Magnum cartridges except for the 9.3mm Brenneke variant. The Model 72M Professional has a stock based on military stock technology at the time, and is made from a synthetic material called Cicolac, strengthened by light alloy ribs. Weight and firing characteristics are similar, but the M-72M Professional costs \$5 more, and does not fire the 5.6mm RWS, 6mm Remington, or .243 Winchester cartridges.

Weapon	Ammunition	Weight	Magazines	Price
Model 72L	.22-250 Remington	2.85 kg	4	\$914
Model 72L	5.6mm RWS	3 kg	4	\$1017
Model 72L	6mm Remington	3.18 kg	4	\$1136
Model 72L	.243 Winchester	2.92 kg	4	\$1070

Model 72L	6.5mm Mauser	3.13 kg	4	\$1238
Model 72L	.270 Winchester	3.42 kg	4	\$1531
Model 72L	7mm Mauser	3 kg	4	\$1440
Model 72L	7mm Brenneke	3.12 kg	4	\$1575
Model 72L	7.62mm NATO	2.88 kg	4	\$1502
Model 72L	.30-06 Springfield	3.28 kg	4	\$1784
Model 72M	.22-250 Remington	3.15 kg	4	\$920
Model 72M	5.6mm RWS	3.32 kg	4	\$1023
Model 72M	6mm Remington	3.51 kg	4	\$1142
Model 72M	.243 Winchester	3.23 kg	4	\$1076
Model 72M	6.5mm Mauser	3.46 kg	4	\$1291
Model 72M	.270 Winchester	3.78 kg	4	\$1536
Model 72M	7mm Mauser	3.32 kg	4	\$1445
Model 72M	7mm Brenneke	3.45 kg	4	\$1580
Model 72M	7.62mm NATO	3.18 kg	4	\$1508
Model 72M	.30-06 Springfield	3.62 kg	4	\$1789
Model 72S	6.5x68mm RWS	3.81 kg	4	\$1499
Model 72S	7mm Remington Magnum	3.89 kg	4	\$1590
Model 72S	8x68mm RWS	3.97 kg	4	\$2542
Model 72S	9.3mm Brenneke	4.43 kg	4	\$2911
Model 72S	.375 H&H Magnum	4.72 kg	4	\$3318
Model 72S/T	.300 Winchester Magnum	3.99 kg	4	\$2387
Model 72S/T	9.3mm Brenneke	4.78 kg	4	\$2929
Model 72S/T	.375 H&H Magnum	4.98 kg	4	\$3337
Model 72S/T	.458 Winchester Magnum	5.6 kg	4	\$4100

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 72L (.22-250)	BA	3	1-Nil	6	3	Nil	65
Model 72L (5.6mm)	BA	3	2-Nil	6	3	Nil	55
Model 72L (6mm)	BA	3	2-Nil	7	3	Nil	60
Model 72L (.243)	BA	3	2-Nil	7	3	Nil	65
Model 72L (6.5mm)	BA	4	2-Nil	7	4	Nil	69
Model 72L (.270)	BA	4	2-3-Nil	7	4	Nil	60
Model 72L (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	70
Model 72L (7mm Brenneke)	BA	4	2-3-Nil	7	4	Nil	63
Model 72L (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
Model 72L (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
Model 72M (.22-250)	BA	3	1-Nil	6	3	Nil	67
Model 72M (5.6mm)	BA	3	2-Nil	6	3	Nil	57
Model 72M (6mm)	BA	3	2-Nil	7	3	Nil	62
Model 72M (.243)	BA	3	2-Nil	7	3	Nil	68
Model 72M (6.5mm)	BA	4	2-Nil	7	4	Nil	71
Model 72M (.270)	BA	4	2-3-Nil	7	4	Nil	63
Model 72M (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	73
Model 72M (7mm Brenneke)	BA	4	2-3-Nil	7	4	Nil	65
Model 72M (7.62mm)	BA	4	2-3-Nil	7	4	Nil	82
Model 72M (.30-06)	BA	4	2-3-Nil	7	4	Nil	71
Model 72S (6.5x68mm)	BA	4	1-2-3	7	4	Nil	75
Model 72S (7mm Magnum)	BA	4	1-2-3	7	4	Nil	86
Model 72S (8x68mm)	BA	5	1-2-3	8	4	Nil	92
Model 72S (9.3mm)	BA	5	2-4-Nil	8	5	Nil	90
Model 72S (.375)	BA	7	1-3-5	8	5	Nil	99
Model 72S/T (.300)	BA	5	2-3-Nil	8	4	Nil	92
Model 72S/T (9.3mm)	BA	5	2-4-Nil	8	5	Nil	93
Model 72S/T (.375)	BA	7	1-3-5	8	5	Nil	103
Model 72S/T (.458)	BA	8	1-3-5	9	5	Nil	112

Steyr Model 96 SBS

Notes: The Model 96 SBS (Safe Bolt System) represents a change in Steyr sporting rifle design from the tried and true system started with the Model 1969. The biggest change is in the bolt, with a forward-lug design that makes firing with the bolt incompletely locked impossible. It also allows the use of higher-pressure cartridges and wildcat rounds by making the bolt and chamber able to withstand more stress. The trigger cannot move when the bolt is unlocked, and the rifle has the additional feature of a firing pin safety. This is a rifle that is practically “idiot-proof.” A variant of the weapon is the short-barreled Model 96 SBS Stutzen. Further development led to the Steyr Scout Rifle and the Steyr-Mannlicher Jagd Match (see below).

Weapon	Ammunition	Weight	Magazines	Price
Model 96 SBS	6.5mm Mauser	2.98 kg	4	\$1227
Model 96 SBS	.270 Winchester	3.35 kg	4	\$1472
Model 96 SBS	7mm Brenneke	3.4 kg	4	\$1516
Model 96 SBS	7mm Remington Magnum	3.43 kg	4	\$1511
Model 96 SBS	.30-06 Springfield	3.73 kg	4	\$1725
Model 96 SBS	.300 Winchester Magnum	3.98 kg	4	\$2282
Model 96 SBS	8x68mm RWS	4.23 kg	4	\$2455
Model 96 SBS	9.3mm Mauser	4.3 kg	4	\$2715
Model 96 SBS Stutzen	6.5mm Mauser	2.8 kg	4	\$1190
Model 96 SBS Stutzen	.270 Winchester	3.17 kg	4	\$1435
Model 96 SBS Stutzen	7mm Brenneke	3.22 kg	4	\$1480
Model 96 SBS Stutzen	7mm Remington Magnum	3.25 kg	4	\$1474
Model 96 SBS Stutzen	.30-06 Springfield	3.55 kg	4	\$1688
Model 96 SBS Stutzen	.300 Winchester Magnum	3.75 kg	4	\$2172
Model 96 SBS Stutzen	8x68mm RWS	3.84 kg	4	\$2345
Model 96 SBS Stutzen	9.3mm Mauser	3.95 kg	4	\$2632

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 96 SBS (6.5mm)	BA	4	2-Nil	7	5	Nil	73
Model 96 SBS (.270)	BA	4	2-3-Nil	7	4	Nil	67
Model 96 SBS (7mm Brenneke)	BA	4	2-3-Nil	7	5	Nil	70
Model 96 SBS (7mm Magnum)	BA	4	1-2-3	7	4	Nil	84
Model 96 SBS (.30-06)	BA	4	2-3-Nil	7	4	Nil	76
Model 96 SBS (.300)	BA	5	2-3-Nil	7	4	Nil	87
Model 96 SBS (8x68mm)	BA	5	1-2-3	7	4	Nil	90
Model 96 SBS (9.3mm)	BA	5	2-4-Nil	8	5	Nil	88
Model 96 SBS Stutzen (6.5mm)	BA	3	2-Nil	6	5	Nil	57
Model 96 SBS Stutzen (.270)	BA	4	2-3-Nil	6	5	Nil	52
Model 96 SBS Stutzen (7mm Brenneke)	BA	4	2-3-Nil	6	5	Nil	54
Model 96 SBS Stutzen (7mm Magnum)	BA	4	1-2-3	6	4	Nil	65
Model 96 SBS Stutzen (.30-06)	BA	4	2-3-Nil	7	4	Nil	59
Model 96 SBS Stutzen (.300)	BA	5	2-3-Nil	7	4	Nil	67
Model 96 SBS Stutzen (8x68mm)	BA	5	1-2-3	7	4	Nil	70
Model 96 SBS Stutzen (9.3mm)	BA	5	2-4-Nil	7	5	Nil	68

Steyr Pro Hunter

Notes: Introduced in 1997, the Pro Hunter has, like most of Steyr-Mannlicher's never offerings, the Safe Bolt System (SBS) which allows for the maximum in safety as well as the ability to handle a wide array of cartridges, including hotloads and wildcat ammunition. The stock is of impact resistant plastic and the butt has a rubber plate which is equipped with spacers to lengthen or shorten the stock to suit individual shooters' stature. There are two basic forms of the Pro Classic; the Pro Hunter Stainless, with stainless steel metalwork and no iron sights, and the Pro-Hunter Mountain, which has blued metalwork and iron sights. Both may be equipped with an HC-Kit (High-Capacity) which allows the use of a 10-round magazine; standard magazine capacity is 5 rounds. Both are drilled and tapped for a scope mount. The Pro Hunter Mountain uses a short 20-inch barrel, while the Pro Hunter Stainless uses a longer 23.625-inch barrel.

Twilight 2000 Notes: These rifles do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Pro Hunter Mountain	.243 Winchester	2.85 kg	5, (10)	\$984
Pro Hunter Mountain	.25-06 Remington	3.06 kg	5, (10)	\$1254
Pro Hunter Mountain	6.5mm Swedish	3 kg	5, (10)	\$1168
Pro Hunter Mountain	.270 Winchester	3.21 kg	5, (10)	\$1443
Pro Hunter Mountain	7mm-08 Remington	3.07 kg	5, (10)	\$1253
Pro Hunter Mountain	7x64mm Brenneke	3.24 kg	5, (10)	\$1488

Pro Hunter Mountain	7mm Remington Magnum	3.24 kg	5, (10)	\$1483
Pro Hunter Mountain	7.62mm NATO	3.19 kg	5, (10)	\$1415
Pro Hunter Mountain	.30-06 Springfield	3.39 kg	5, (10)	\$1696
Pro Hunter Mountain	.300 Winchester Magnum	3.68 kg	5, (10)	\$2180
Pro Hunter Mountain	8mm Mauser	3.4 kg	5, (10)	\$1681
Pro Hunter Mountain	8x68mm RWS	3.82 kg	5, (10)	\$2352
Pro Hunter Mountain	9.3x62mm Mauser	4 kg	5, (10)	\$2639
Pro Hunter Stainless	.243 Winchester	2.95 kg	5, (10)	\$1020
Pro Hunter Stainless	.25-06 Remington	3.17 kg	5, (10)	\$1291
Pro Hunter Stainless	6.5mm Swedish	3.11 kg	5, (10)	\$1205
Pro Hunter Stainless	.270 Winchester	3.32 kg	5, (10)	\$1480
Pro Hunter Stainless	7mm-08 Remington	3.18 kg	5, (10)	\$1290
Pro Hunter Stainless	7x64mm Brenneke	3.35 kg	5, (10)	\$1524
Pro Hunter Stainless	7mm Remington Magnum	3.35 kg	5, (10)	\$1519
Pro Hunter Stainless	7.62mm NATO	3.3 kg	5, (10)	\$1452
Pro Hunter Stainless	.30-06 Springfield	3.51 kg	5, (10)	\$1733
Pro Hunter Stainless	.300 Winchester Magnum	3.81 kg	5, (10)	\$2290
Pro Hunter Stainless	8mm Mauser	3.52 kg	5, (10)	\$1718
Pro Hunter Stainless	8x68mm RWS	3.95 kg	5, (10)	\$2463
Pro Hunter Stainless	9.3x62mm Mauser	4.14 kg	5, (10)	\$2749

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Pro Hunter Mountain (.243)	BA	3	2-Nil	6	3	Nil	57
Pro Hunter Mountain (.25-06)	BA	4	2-Nil	6	4	Nil	49
Pro Hunter Mountain (6.5mm)	BA	3	2-Nil	6	4	Nil	59
Pro Hunter Mountain (.270)	BA	4	2-3-Nil	6	4	Nil	52
Pro Hunter Mountain (7mm-08)	BA	4	2-3-Nil	6	4	Nil	67
Pro Hunter Mountain (7x64mm)	BA	4	1-2-3	6	4	Nil	65
Pro Hunter Mountain (7mm Magnum)	BA	4	1-2-3	6	4	Nil	65
Pro Hunter Mountain (7.62mm)	BA	4	2-3-Nil	6	4	Nil	68
Pro Hunter Mountain (.30-06)	BA	4	2-3-Nil	7	4	Nil	59
Pro Hunter Mountain (.300 Magnum)	BA	5	2-3-Nil	7	4	Nil	67
Pro Hunter Mountain (8mm Mauser)	BA	4	2-3-Nil	7	4	Nil	68
Pro Hunter Mountain (8x68mm)	BA	5	1-2-3	7	4	Nil	70
Pro Hunter Mountain (9.3x62mm)	BA	5	2-4-Nil	7	5	Nil	68
Pro Hunter Stainless (.243)	BA	3	2-Nil	7	3	Nil	73
Pro Hunter Stainless (.25-06)	BA	4	2-Nil	7	4	Nil	64
Pro Hunter Stainless (6.5mm)	BA	4	2-Nil	7	4	Nil	75
Pro Hunter Stainless (.270)	BA	4	2-3-Nil	7	4	Nil	67
Pro Hunter Stainless (7mm-08)	BA	4	2-3-Nil	7	4	Nil	85
Pro Hunter Stainless (7x64mm)	BA	4	1-2-3	7	4	Nil	84
Pro Hunter Stainless (7mm Magnum)	BA	4	1-2-3	7	4	Nil	84
Pro Hunter Stainless (7.62mm)	BA	4	2-3-Nil	7	4	Nil	87
Pro Hunter Stainless (.30-06)	BA	4	2-3-Nil	7	4	Nil	76
Pro Hunter Stainless (.300 Magnum)	BA	5	2-3-Nil	7	4	Nil	87
Pro Hunter Stainless (8mm Mauser)	BA	4	2-3-Nil	7	4	Nil	88
Pro Hunter Stainless (8x68mm)	BA	6	1-2-3	7	4	Nil	90
Pro Hunter Stainless (9.3x62mm)	BA	5	2-4-Nil	8	5	Nil	88

Steyr Scout Rifle

Notes: This light, versatile bolt-action carbine is, in the words of the designers, “suitable for nearly everything from rabbits to lions.” The stock, furniture, and bipod are made of Zytel synthetic stock. There is a compartment for a spare magazine in the bottom of the stock, which is light gray in color. The stock is adjustable in length, with spacers for the stock located in the lower stock, along with spacers for the bolt-carrier group (which is also adjustable). The Steyr Scout Rifle, unlike most Sporting Rifles, comes with scope (Leupold 3x).

Twilight 2000 Notes: This weapon exists only in tiny numbers.

Weapon	Ammunition	Weight	Magazines	Price
Steyr Scout Rifle	7.62mm NATO	3.22 kg	5, 10	\$2059



Steyr Scout Rifle	7mm-08 Remington	3.06 kg	5, 10	\$1895
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Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Steyr Scout Rifle (7.62mm)	BA	4	2-3-Nil	6	4	Nil	63
Steyr Scout Rifle (7.62mm, With Bipod)	BA	4	2-3-Nil	6	2	Nil	82
Steyr Scout Rifle (7mm-08)	BA	4	2-Nil	6	4	Nil	62
Steyr Scout Rifle (7mm-08, With Bipod)	BA	4	2-Nil	6	2	Nil	80

Steyr-Mannlicher Jagd Match

Notes: This is basically a civilianized version of the Steyr SSG series of sniper rifles. Instead of polymer/composite construction, the stock of the Jagd Match is made of very beautifully-finished hardwood. The finish of the metal parts is deep blued. It has a swelled stock instead of an adjustable cheekpiece. The retaining rings for the barrel are heat-shrunk to the barrel, making their fitting very firm. The barrel is heavy and cold-forged, contributing to accuracy. The Jagd Match comes with rings for a scope.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Jagd Match	.222 Remington	3.86 kg	5	\$795
Jagd Match	.243 Winchester	3.86 kg	5	\$1016
Jagd Match	7.62mm NATO	3.86 kg	5	\$1448

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Jagd Match (.222)	BA	3	1-Nil	7	3	Nil	78
Jagd Match (.243)	BA	3	2-Nil	7	3	Nil	75
Jagd Match (7.62mm)	BA	4	2-3-Nil	7	4	Nil	90

Steyr-Mannlicher Sporter

Notes: The Sporter is made to be light and handy, as such it is shorter than your standard rifle of this type. The Sporter comes in four action lengths, tailored for specific calibers and cartridge lengths: the SL (Super Light), the L (Light), the M (Medium), and the S (Magnum). Most are available with a full Mannlicher stock or a half-stock; the Magnum version is available only with a half stock. The double set trigger configuration is an option many buyers choose, especially in Europe. The Sporter comes with bases for a scope and scout-type iron sights. The stock is oil-rubbed and the barrel is cold hammer forged. Barrel lengths are 20 inches for the full stock version, or 23.6 inches for the half-stock version. M and S versions include a recoil pad on the butt.

The S/T is essentially a heavy-barreled, target-crowned version of the Model S, with more narrow chamberings. Barrel length is 26 inches. It is designed for magnum cartridges, and is designed primarily for big-game hunting in tropical areas, where wear on a rifle is worse.

Weapon	Ammunition	Weight	Magazines	Price
Sporter SL (Full Stock)	.222 Remington	2.79 kg	5	\$752
Sporter SL (Full Stock)	.222 Remington Magnum	2.79 kg	5	\$798
Sporter SL (Full Stock)	5.56mm NATO	2.79 kg	5	\$770
Sporter SL (Half Stock)	.222 Remington	2.84 kg	5	\$789
Sporter SL (Half Stock)	.222 Remington Magnum	2.84 kg	5	\$835
Sporter SL (Half Stock)	5.56mm NATO	2.84 kg	5	\$807
Sporter L (Full Stock)	.243 Winchester	2.84 kg	5	\$972
Sporter L (Full Stock)	7.62mm NATO	2.84 kg	5	\$1402
Sporter L (Half Stock)	.243 Winchester	2.89 kg	5	\$1009
Sporter L (Half Stock)	7.62mm NATO	2.89 kg	5	\$1438
Sporter M (Full Stock)	6.5mm Swedish	3.09 kg	5	\$1231
Sporter M (Full Stock)	6.5x57mm Mauser	3.09 kg	5	\$1261
Sporter M (Full Stock)	.270 Winchester	3.09 kg	5	\$1505
Sporter M (Full Stock)	7x64mm Brenneke	3.09 kg	5	\$1549
Sporter M (Full Stock)	.30-06 Springfield	3.09 kg	5	\$1757
Sporter M (Full Stock)	9.3x62mm Mauser	3.09 kg	5	\$2700
Sporter M (Half Stock)	6.5mm Swedish	3.18 kg	5	\$1268
Sporter M (Half Stock)	6.5x57mm Mauser	3.18 kg	5	\$1298
Sporter M (Half Stock)	.270 Winchester	3.18 kg	5	\$1542
Sporter M (Half Stock)	7x64mm Brenneke	3.18 kg	5	\$1586
Sporter M (Half Stock)	.30-06 Springfield	3.18 kg	5	\$1794
Sporter M (Half Stock)	9.3x62mm Mauser	3.18 kg	5	\$2810
Sporter S	6.5x68mm RWS	3.38 kg	5	\$1490
Sporter S	7mm Remington Magnum	3.38 kg	5	\$1581

<b>Sporter S</b>	.300 Winchester Magnum	3.38 kg	5	\$2353
<b>Sporter S</b>	8x68mm RWS	3.38 kg	5	\$2525
<b>Sporter S</b>	9.3x64mm Brenneke	3.38 kg	5	\$2892
<b>Sporter S</b>	.375 H&H Magnum	3.38 kg	5	\$3297
<b>Sporter S</b>	.458 Winchester Magnum	3.38 kg	5	\$4056
<b>Sporter S/T</b>	9.3x74Rmm	4.08 kg	4	\$3332
<b>Sporter S/T</b>	.375 H&H Magnum	4.08 kg	4	\$3397
<b>Sporter S/T</b>	.458 Winchester Magnum	4.08 kg	4	\$4160

<b>Weapon</b>	<b>ROF</b>	<b>Damage</b>	<b>Pen</b>	<b>Bulk</b>	<b>SS</b>	<b>Burst</b>	<b>Range</b>
<b>Sporter SL (Full, .222 Rem)</b>	BA	3	1-Nil	6	3	Nil	63
<b>Sporter SL (Full, .222 Rem Mag)</b>	BA	3	1-1-Nil	6	3	Nil	70
<b>Sporter SL (Full, 5.56mm)</b>	BA	3	1-Nil	6	3	Nil	61
<b>Sporter SL (Half, .222 Rem)</b>	BA	3	1-Nil	6	3	Nil	77
<b>Sporter SL (Half, .222 Rem Mag)</b>	BA	3	1-1-Nil	6	3	Nil	88
<b>Sporter SL (Half, 5.56mm)</b>	BA	3	1-Nil	6	3	Nil	76
<b>Sporter L (Full, .243)</b>	BA	3	2-Nil	6	3	Nil	57
<b>Sporter L (Full, 7.62mm)</b>	BA	4	2-3-Nil	6	5	Nil	69
<b>Sporter L (Half, .243)</b>	BA	3	2-Nil	7	3	Nil	73
<b>Sporter L (Half, 7.62mm)</b>	BA	4	2-3-Nil	7	5	Nil	88
<b>Sporter M (Full, 6.5mm Swedish)</b>	BA	3	2-Nil	6	4	Nil	59
<b>Sporter M (Full, 6.5x57mm)</b>	BA	3	2-Nil	6	4	Nil	57
<b>Sporter M (Full, .270)</b>	BA	4	2-3-Nil	6	4	Nil	52
<b>Sporter M (Full, 7x64mm)</b>	BA	4	1-2-3	7	4	Nil	65
<b>Sporter M (Full, .30-06)</b>	BA	4	2-3-Nil	7	4	Nil	60
<b>Sporter M (Full, 9.3x62mm)</b>	BA	5	2-4-Nil	7	5	Nil	70
<b>Sporter M (Half, 6.5mm Swedish)</b>	BA	4	2-Nil	7	4	Nil	76
<b>Sporter M (Half, 6.5x57mm)</b>	BA	4	2-Nil	7	4	Nil	73
<b>Sporter M (Half, .270)</b>	BA	4	2-3-Nil	7	4	Nil	68
<b>Sporter M (Half, 7x64mm)</b>	BA	4	1-2-3	7	4	Nil	84
<b>Sporter M (Half, .30-06)</b>	BA	4	2-3-Nil	7	4	Nil	77
<b>Sporter M (Half, 9.3x62mm)</b>	BA	5	2-4-Nil	8	5	Nil	89
<b>Sporter S (6.5x68mm)</b>	BA	4	1-2-3	7	4	Nil	74
<b>Sporter S (7mm Mag)</b>	BA	4	1-2-3	7	4	Nil	84
<b>Sporter S (.300 Mag)</b>	BA	5	1-2-3	7	4	Nil	87
<b>Sporter S (8x68mm)</b>	BA	6	1-2-3	7	4	Nil	91
<b>Sporter S (9.3x64mm)</b>	BA	6	1-3-Nil	8	5	Nil	106
<b>Sporter S (.375)</b>	BA	7	1-3-5	8	5	Nil	107
<b>Sporter S (.458)</b>	BA	7	1-3-5	8	5	Nil	106
<b>Sporter S/T (9.x74mm)</b>	BA	7	1-3-5	8	5	Nil	113
<b>Sporter S/T (.375)</b>	BA	7	1-3-5	8	5	Nil	131
<b>Sporter S/T (.458)</b>	BA	8	1-2-3	9	6	Nil	129

**Voere Titan Menor**

Notes: This small-caliber sporting rifle may also be encountered as the Mauser Model 99. It was produced only for a couple of years (1976-78), and thus is relatively rare. It is basically a version of the Titan II produced only for small-caliber rounds, and has a shorter barrel with a more attractive and ergonomic stock. Three variants are available: the standard Menor; the Menor LS, designed for firing at moving targets, with a heavy barrel and no iron sights; and the DJV, a single-shot rifle designed specifically for German shooting competitions. All have the peculiar feature of an ejection port with a cover instead of simply a cut in the receiver for ejecting spent rounds.

Weapon	Ammunition	Weight	Magazines	Price
Titan Menor	.222 Remington	2.85 kg	3	\$865
Titan Menor	.222 Remington Magnum	2.92 kg	3	\$912
Titan Menor	5.56mm NATO	2.86 kg	3	\$884
Titan Menor	5.6mm RWS	3.07 kg	3	\$1033
Titan Menor LS	.222 Remington	3.9 kg	3	\$872
Titan Menor LS	5.56mm NATO	3.93 kg	3	\$891
Titan Menor DJV	.222 Remington	4.2 kg	1 Internal	\$392
Titan Menor DJV	.222 Remington Magnum	4.24 kg	1 Internal	\$396
Titan Menor DJV	5.56mm NATO	4.21 kg	1 Internal	\$394
Titan Menor DJV	5.6mm RWS	4.33 kg	1 Internal	\$406

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Titan Menor (.222 Remington)	BA	3	1-Nil	6	3	Nil	77
Titan Menor (.222 Magnum)	BA	3	1-1-Nil	6	3	Nil	88
Titan Menor (5.56mm NATO)	BA	3	1-Nil	6	3	Nil	75
Titan Menor (5.6mm RWS)	BA	3	2-Nil	7	3	Nil	61
Titan Menor LS (.222 Remington)	BA	3	1-Nil	7	2	Nil	79
Titan Menor LS (5.56mm NATO)	BA	3	1-Nil	7	2	Nil	77
Titan Menor DJV (.222 Remington)	SS	3	1-Nil	6	2	Nil	73
Titan Menor DJV (.222 Magnum)	SS	3	1-1-Nil	6	2	Nil	84
Titan Menor DJV (5.56mm)	SS	3	1-Nil	6	2	Nil	72
Titan Menor DJV (5.6mm RWS)	SS	3	2-Nil	6	2	Nil	60

**Voere VEC-91**

Notes: This is sort of a jump off the deep end for Voere; the VEC-91 is a sporting rifle firing small-caliber, proprietary caseless

cartridges. The 5.7mm and 6mm VEC (Voere ElectronicCaseless) is a caseless cartridge ignited electrically, with batteries placed in the grip. It is a large financial risk for Voere, but is still being sold in small numbers, and has been since 1991. The trigger is highly adjustable; release pressure can be as little as 5 ounces or as much as 6.5 pounds. With the exception of this, the VEC-91 is basically a conventional rifle. Four variants are available; the standard VEC-91, the single-shot VEC-91BR, the longer-barreled, synthetic-stocked VEC-91HB (also known as VEC-91 Varmint), and the synthetic-stocked VEC-91SS.

Twilight 2000 Notes: Only the standard VEC-91 is available, and it is extremely rare (with the ammunition almost impossible to find).

Weapon	Ammunition	Weight	Magazines	Price
VEC-91	5.7mm VEC	2.81 kg	5	\$626
VEC-91	6mm VEC	3.03 kg	5	\$693
VEC-91BR	5.7mm VEC	1.6 kg	1 Internal	\$277
VEC-91BR	6mm VEC	1.65 kg	1 Internal	\$283
VEC-91HB	5.7mm VEC	1.94 kg	5	\$654
VEC-91HB	6mm VEC	2.04 kg	5	\$720
VEC-91SS	5.7mm VEC	1.86 kg	5	\$638
VEC-91SS	6mm VEC	1.96 kg	5	\$704

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
VEC-91 (5.7mm)	BA	3	1-Nil	6	3	Nil	77
VEC-91 (6mm)	BA	3	1-Nil	6	3	Nil	79
VEC-91BR (5.7mm)	SS	3	1-Nil	5	5	Nil	72
VEC-91BR (6mm)	SS	3	1-Nil	5	5	Nil	74
VEC-91HB (5.7mm)	BA	3	1-Nil	6	4	Nil	84
VEC-91HB (6mm)	BA	3	1-Nil	6	4	Nil	85
VEC-91SS (5.7mm)	BA	3	1-Nil	6	4	Nil	77
VEC-91SS (6mm)	BA	3	1-Nil	6	4	Nil	79

**Browning A-Bolt .22**

Notes: This is a popular bolt-action rifle, light and inexpensive, and grooved for a scope mount. Unlike many of these rifles, the A-Bolt .22 uses a premium walnut stock. It is essentially a shrunken A-Bolt Hunter.

Weapon	Ammunition	Weight	Magazines	Price
A-Bolt .22	.22 Long Rifle	2.49 kg	5, 15	\$284

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
A-Bolt .22	BA	1	Nil	5	1	Nil	49

**Browning A-Bolt Hunter**

Notes: The A-Bolt Hunter, also known as simply the “A-Bolt,” began life in 1986 as a modification of the Browning BBR. The A-Bolt is actually manufactured for FN (Browning) by Miroku of Japan, however, with final fitting being done in the US and Belgium. It was manufactured for short and long actions, with a mechanism very similar to that of the BBR. The bolt, however, is fluted, to allow larger locking lugs, a shorter but more powerful plunger-type ejector for spent and dud cartridges, and a visible cocking indicator which protrudes from the back of the bolt sleeve when the A-Bolt is cocked. The sliding safety is on the tang. The magazine and trigger mechanism are more akin to that of the BAR, but a scissors-type feed mechanism was added.

Furniture is walnut with a straight comb to the stock and a pistol-grip wrist, and that wrist and the fore-end are checkered. The butt is coated in thick, textured, hard rubber (it is *not* a pad). Barrels are chrome-lined and 22 inches long, with no sort of muzzle device as standard (though a muzzle brake called the BOSS was introduced in 1994 which can be attached at the factory upon request). The original A-Bolts have no iron sights, but are drilled and tapped as well as grooved to accept a wide variety of scopes. Magnum-firing A-Bolts have extra strengthening in the receiver, chamber, bolt, and stock to withstand the extra power, and are therefore built heavier. Left-handed versions were also built, but only in .270 Winchester, 7mm Remington Magnum, .30-06 Springfield, and .375 H&H Magnum. It is also interesting to note that a .30-06 Springfield version was built on the magnum action as well as the standard long action.

Several variants of the original A-Bolt series were built, most of which differ only in detail and are identical to the standard A-Bolt Hunter for game purposes. The A-Bolt Camo Stalker had camouflaged furniture over a laminated walnut stock, and chambered only .270 Winchester, .30-06 Springfield, or 7mm Remington Magnum. The Stainless Stalker used a gray composite stock (a graphite shell filled with fiberglass), metalwork of stainless steel finished in matte gray, and limited chamberings. The Composite Stalker is essentially a Stainless Stalker with more chamberings available and a somewhat darker-colored stock (with a slightly different composite shell) and finish. (Both are lighter than a standard A-Bolt.) The Gold Medallion also has limited chamberings (.270 Winchester, .30-06 Springfield, and 7mm Remington Magnum), a palm-swell wrist, a Monte Carlo comb, and various decorative spacers and scrollwork in gold and bronze. The Medallion is essentially a deluxe version of the standard A-Bolt, similar to the Gold Medallion but having a high-gloss finish to boot, and available in all A-Bolt chamberings (however the .375 H&H Magnum version was discontinued in 1991, while the .300 Winchester Magnum chambering was discontinued in 1995). The Micro-Medallion is a short version of the Medallion, with a 20-inch barrel, smaller magazine, shorter length of pull, and chambered only for short-action rounds. The Micro-Medallion cannot be fitted with the BOSS muzzle brake.

All original A-Bolts were replaced in production by the new A-Bolt II series in 1995 (see below).

Weapon	Ammunition	Weight	Magazines	Price
A-Bolt Hunter	.22 Hornet	2.4 kg	4	\$674
A-Bolt Hunter (w/Brake)	.22 Hornet	2.45 kg	4	\$725
A-Bolt Hunter	.22-250 Remington	2.44 kg	4	\$836
A-Bolt Hunter (w/Brake)	.22-250 Remington	2.49 kg	4	\$886
A-Bolt Hunter	.243 Winchester	2.59 kg	4	\$991
A-Bolt Hunter (w/Brake)	.243 Winchester	2.64 kg	4	\$1041
A-Bolt Hunter	.257 Roberts	2.74 kg	4	\$1155
A-Bolt Hunter (w/Brake)	.257 Roberts	2.79 kg	4	\$1205
A-Bolt Hunter	7mm-08 Remington	2.83 kg	4	\$1260
A-Bolt Hunter (w/Brake)	7mm-08 Remington	2.88 kg	4	\$1310
A-Bolt Hunter	7.62mm NATO	2.96 kg	4	\$1421
A-Bolt Hunter (w/Brake)	7.62mm NATO	3.01 kg	4	\$1471
A-Bolt Hunter	.25-06 Remington	2.82 kg	4	\$1261
A-Bolt Hunter (w/Brake)	.25-06 Remington	2.88 kg	4	\$1351
A-Bolt Hunter	.270 Winchester	2.97 kg	4	\$1449
A-Bolt Hunter (w/Brake)	.270 Winchester	3.02 kg	4	\$1499
A-Bolt Hunter	.280 Remington	3.02 kg	4	\$1509
A-Bolt Hunter (w/Brake)	.280 Remington	3.07 kg	4	\$1559
A-Bolt Hunter (Standard)	.30-06 Springfield	3.31 kg	4	\$1701
A-Bolt Hunter (Standard, w/Brake)	.30-06 Springfield	3.37 kg	4	\$1751
A-Bolt Hunter	7mm Remington Magnum	3.14 kg	4	\$1488



A-Bolt Hunter (w/Brake)	7mm Remington Magnum	3.2 kg	4	\$1538
A-Bolt Hunter	.284 Winchester	3.14 kg	4	\$1324
A-Bolt Hunter (w/Brake)	.284 Winchester	3.19 kg	4	\$1375
A-Bolt Hunter (“Magnum”)	.30-06 Springfield	3.48 kg	4	\$1769
A-Bolt Hunter (“Magnum,” w/Brake)	.30-06 Springfield	3.54 kg	4	\$1819
A-Bolt Hunter	.300 Winchester Magnum	3.54 kg	4	\$2225
A-Bolt Hunter (w/Brake)	.300 Winchester Magnum	3.6 kg	4	\$2275
A-Bolt Hunter	.338 Winchester Magnum	3.71 kg	4	\$2446
A-Bolt Hunter (w/Brake)	.338 Winchester Magnum	3.78 kg	4	\$2496
A-Bolt Hunter	.375 H&H Magnum	4.23 kg	4	\$3170
A-Bolt Hunter (w/Brake)	.375 H&H Magnum	4.31 kg	4	\$3220
Stainless Stalker	.22-250 Remington	2.23 kg	4	\$848
Stainless Stalker (w/Brake)	.22-250 Remington	2.28 kg	4	\$898
Stainless Stalker	5.56mm NATO	2.2 kg	4	\$802
Stainless Stalker (w/Brake)	5.56mm NATO	2.24 kg	4	\$852
Stainless Stalker	.243 Winchester	2.37 kg	4	\$1004
Stainless Stalker (w/Brake)	.243 Winchester	2.42 kg	4	\$1054
Stainless Stalker	.270 Winchester	2.71 kg	4	\$1464
Stainless Stalker (w/Brake)	.270 Winchester	2.76 kg	4	\$1514
Stainless Stalker	7mm Remington Magnum	2.87 kg	4	\$1503
Stainless Stalker (w/Brake)	7mm Remington Magnum	2.95 kg	4	\$1553
Stainless Stalker	7mm-08 Remington	2.59 kg	4	\$1273
Stainless Stalker (w/Brake)	7mm-08 Remington	2.64 kg	4	\$1323
Stainless Stalker	.30-06 Springfield	3.03 kg	4	\$1716
Stainless Stalker (w/Brake)	.30-06 Springfield	3.09 kg	4	\$1766
Stainless Stalker	7.62mm NATO	2.71 kg	4	\$1435
Stainless Stalker (w/Brake)	7.62mm NATO	2.76 kg	4	\$1485
Stainless Stalker	.375 H&H Magnum	3.87 kg	4	\$3188
Stainless Stalker (w/Brake)	.375 H&H Magnum	3.95 kg	4	\$3238
Composite Stalker	.25-06 Remington	2.58 kg	4	\$1274
Composite Stalker (w/Brake)	.25-06 Remington	2.64 kg	4	\$1324
Composite Stalker	.280 Remington	2.76 kg	4	\$1523
Composite Stalker (w/Brake)	.280 Remington	2.81 kg	4	\$1573
Composite Stalker	.300 Winchester Magnum	3.23 kg	4	\$2241
Composite Stalker (w/Brake)	.300 Winchester Magnum	3.29 kg	4	\$2291
Composite Stalker	.338 Winchester Magnum	3.39 kg	4	\$2463
Composite Stalker (w/Brake)	.338 Winchester Magnum	3.46 kg	4	\$2513
Micro-Medallion	.22 Hornet	2.13 kg	3	\$653
Micro-Medallion	.22-250 Remington	2.64 kg	3	\$861
Micro-Medallion	5.56mm NATO	2.25 kg	3	\$769
Micro-Medallion	.243 Winchester	2.42 kg	3	\$971
Micro-Medallion	.257 Roberts	2.56 kg	3	\$1134
Micro-Medallion	7mm-08 Remington	2.64 kg	3	\$1239
Micro-Medallion	7.62mm NATO	2.77 kg	3	\$1401

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
A-Bolt Hunter (.22 Hornet)	BA	3	1-Nil	6	3	Nil	71
A Bolt Hunter (w/Brake, .22 Hornet)	BA	3	1-Nil	6	3	Nil	71
A-Bolt Hunter (.22-250)	BA	3	1-Nil	6	4	Nil	65
A-Bolt Hunter (w/Brake, .22-250)	BA	3	1-Nil	6	3	Nil	65
A-Bolt Hunter (.243)	BA	3	2-Nil	6	4	Nil	65
A-Bolt Hunter (w/Brake, .243)	BA	3	2-Nil	7	3	Nil	65
A-Bolt Hunter (.257)	BA	3	2-Nil	7	5	Nil	64
A-Bolt Hunter (w/Brake, .257)	BA	3	2-Nil	7	4	Nil	64
A-Bolt Hunter (7mm-08)	BA	4	2-3-Nil	7	5	Nil	77
A-Bolt Hunter (w/Brake, 7mm-08)	BA	4	2-3-Nil	7	4	Nil	77
A-Bolt Hunter (7.62mm)	BA	4	2-3-Nil	7	5	Nil	79
A-Bolt Hunter (w/Brake, 7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
A-Bolt Hunter (.25-06)	BA	4	2-Nil	7	5	Nil	57

A-Bolt Hunter (w/Brake, .25-06)	BA	4	2-Nil	7	4	Nil	57
A-Bolt Hunter (.270)	BA	4	2-3-Nil	7	5	Nil	60
A-Bolt Hunter (w/Brake, .270)	BA	4	2-3-Nil	7	4	Nil	60
A-Bolt Hunter (.280)	BA	4	2-3-Nil	7	5	Nil	62
A-Bolt Hunter (w/Brake, .280)	BA	4	2-3-Nil	7	4	Nil	62
A-Bolt Hunter (.284)	BA	4	2-3-Nil	7	5	Nil	72
A-Bolt Hunter (w/Brake, .284)	BA	4	2-3-Nil	7	3	Nil	72
A-Bolt Hunter (.30-06)	BA	4	2-3-Nil	7	5	Nil	68
A-Bolt Hunter (w/Brake, .30-06)	BA	4	2-3-Nil	7	4	Nil	68
A-Bolt Hunter (7mm Magnum)	BA	4	1-2-3	7	5	Nil	75
A-Bolt Hunter (w/Brake, 7mm Magnum)	BA	4	1-2-3	7	4	Nil	75
A-Bolt Hunter (“Magnum”, .30-06)	BA	4	2-3-Nil	7	5	Nil	68
A-Bolt Hunter (“Magnum” w/Brake, .30-06)	BA	4	2-3-Nil	7	4	Nil	68
A-Bolt Hunter (.300)	BA	5	2-3-Nil	7	5	Nil	78
A-Bolt Hunter (w/Brake, .300)	BA	5	2-3-Nil	7	4	Nil	78
A-Bolt Hunter (.338)	BA	6	1-2-3	7	5	Nil	90
A-Bolt Hunter (w/Brake, .338)	BA	6	1-2-3	7	4	Nil	90
A-Bolt Hunter (.375)	BA	6	1-3-Nil	8	6	Nil	87
A-Bolt Hunter (w/Brake, .375)	BA	6	1-3-Nil	8	4	Nil	87
Stainless Stalker (.22-250)	BA	3	1-Nil	6	4	Nil	65
Stainless Stalker (w/Brake, .22-250)	BA	3	1-Nil	6	3	Nil	65
Stainless Stalker (5.56mm)	BA	3	1-Nil	6	4	Nil	70
Stainless Stalker (w/Brake, 5.56mm)	BA	3	1-Nil	6	3	Nil	70
Stainless Stalker (.243)	BA	3	2-Nil	6	4	Nil	65
Stainless Stalker (w/Brake, .243)	BA	3	2-Nil	7	3	Nil	65
Stainless Stalker (.270)	BA	4	2-3-Nil	7	5	Nil	60
Stainless Stalker (w/Brake, .270)	BA	4	2-3-Nil	7	4	Nil	60
Stainless Stalker (7mm Magnum)	BA	4	1-2-3	7	5	Nil	75
Stainless Stalker (w/Brake, 7mm Magnum)	BA	4	1-2-3	7	4	Nil	75
Stainless Stalker (7mm-08)	BA	4	2-3-Nil	7	5	Nil	77
Stainless Stalker (w/Brake, 7mm-08)	BA	4	2-3-Nil	7	4	Nil	77
Stainless Stalker (.30-06)	BA	4	2-3-Nil	7	5	Nil	68
Stainless Stalker (w/Brake, .30-06)	BA	4	2-3-Nil	7	4	Nil	68
Stainless Stalker (7.62mm)	BA	4	2-3-Nil	7	5	Nil	79
Stainless Stalker (w/Brake, 7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
Stainless Stalker (.375)	BA	6	1-3-Nil	8	6	Nil	87
Stainless Stalker (w/Brake, .375)	BA	6	1-3-Nil	8	5	Nil	87
Composite Stalker (.25-06)	BA	4	2-Nil	7	5	Nil	57
Composite Stalker (w/Brake, .25-06)	BA	4	2-Nil	7	4	Nil	57
Composite Stalker (.280)	BA	4	2-3-Nil	7	5	Nil	62
Composite Stalker (w/Brake, .280)	BA	4	2-3-Nil	7	4	Nil	62
Composite Stalker (.300)	BA	5	2-3-Nil	7	5	Nil	78
Composite Stalker (w/Brake, .300)	BA	5	2-3-Nil	7	4	Nil	78
Composite Stalker (.338)	BA	6	1-2-3	7	5	Nil	90
Composite Stalker (w/Brake, .338)	BA	6	1-2-3	7	4	Nil	90
Micro-Medallion (.22 Hornet)	BA	3	1-Nil	6	4	Nil	64
Micro-Medallion (.22-250)	BA	3	1-Nil	6	3	Nil	56
Micro-Medallion (5.56mm)	BA	3	1-Nil	6	4	Nil	61
Micro-Medallion (.243)	BA	3	2-Nil	6	4	Nil	57
Micro-Medallion (.257)	BA	3	2-Nil	6	5	Nil	55
Micro-Medallion (7mm-08)	BA	4	2-3-Nil	6	5	Nil	67
Micro-Medallion (7.62mm)	BA	4	2-3-Nil	6	5	Nil	68

**Browning A-Bolt II**

Notes: The Browning A-Bolt II is for the most part identical to the original A-Bolt, but has a few internal changes; the action is much less likely to stick or bind, even in cold or inclement weather, due to a non-rotating sleeve on the bolt, an improved trigger action, and a better extractor. In addition, barrel lengths vary greatly with caliber and the model of the rifle involved. Most of the same types of A-

Bolts are available in the A-Bolt II series, with the exception of certain calibers on certain types, and for the most part they are identical to the original A-Bolt series for game purposes. There are also a number of newer versions of the A-Bolt as part of the A-Bolt II series.

It should be noted that while most versions of the A-Bolt II series are actually built for FN/Browning by Miroku in Japan, or at least have the parts manufactured there, final fitting and touches are done by FN/Browning in Belgium or their facilities in the US.

The base version of the A-Bolt II is the Hunter, as with the original A-Bolt. A-Bolt II Hunters have barrels ranging from 21-16 inches depending upon the chambering; these barrels are free-floating and have target crowns. Metalwork is largely low-luster blued, and the walnut furniture has a satin finish with a recoil pad on the butt and checkering on the pistol grip wrist and fore-end. The Hunter FLD is designed specifically for the new short magnum and super short magnum cartridges. The barrels of this Hunter variant are 22 inches for the super short magnums, or 23 inches for the short magnums. Like the rest of the A-Bolt II series, they are free-floating; like most of the series, they are target-crowned and glass-bedded. The trigger is adjustable. The stock is of low-luster walnut, with a recoil pad on the butt and a raised cheekpiece. The pistol grip wrist and fore-end are checkered. It should be noted that only Browning dealers rated as "Full-Line" or "Medallion" are allowed to sell the Hunter FLD. For game purposes, the Hunter FLD is identical to the standard Hunter. A new version of the Hunter, the A-Bolt Digital Green, has a composite stock finished in a camouflage pattern; chamberings are restricted to .243 Winchester, .270 Winchester, .270 Winchester Short Magnum, 7mm Remington Magnum, 7.62mm NATO, .300 Winchester Short Magnum, .30-06 Springfield, and .300 Winchester Magnum.

The A-Bolt Medallion is one of the "core" versions of the A-Bolt II series; it is a fancy version of the standard A-Bolt II Hunter. The Medallion has all-steel metalwork (largely finished in blue, and engraved to various degrees according to the wishes of the buyer). Barrels range from 22-26 inches according to chambering, and the barrels are glass-bedded, free-floating, and tipped with a target crown. The receivers are hand-finished. The furniture is of select-quality walnut with a gloss finish, and rosewood end caps on the fore-end and pistol grip wrist. The butt has a Pachmayr Decelerator recoil pad.

The Stainless Stalker is another one of the "core" versions of the A-Bolt II series; it is essentially built the same as the A-Bolt's Stainless Stalker, but the barrel is glass-bedded, free-floating, and tipped with a target crown at the muzzle. It is built in long and short-action versions, and barrels range from 22-26 inches. The butt has a recoil pad. The Composite Stalker is virtually identical, but is finished almost entirely in matte black, and is available in a smaller range of chamberings (the Composite Stalker is not available in 5.56mm NATO, .223 Winchester Super Short Magnum, .22-250 Remington, .243 Winchester Super Short Magnum, .243 Winchester, .25 Winchester Super Short Magnum, 7mm-08 Remington, or 7.62mm NATO).

The A-Bolt Mountain Ti is a light version of the A-Bolt II, with much of the metalwork made from titanium alloy (though the bolt face, barrel, and some other parts are of stainless steel). Barrels are 22 inches in length for standard calibers and 23 inches for Magnums, and tapered (though with a slender profile), with a target crown. The action is hand-finished. The stock is a Bell & Carlson composite synthetic stock in camouflage finish, and the butt has a Pachmayr Decelerator recoil pad. Some say The Mountain Ti is too light for some of the powerful cartridges it fires. A version with stainless steel metalwork is also available.

The M-1000 Eclipse, often simply called the Eclipse, is designed primarily for more powerful cartridges, and is heavily built from matte-finished blued steel and with heavy hardwood furniture given a laminated gray wood-grain finish. The wrist is of the thumbhole type, and the butt has a recoil pad. The grip and fore-end are checkered. Barrels are all 26 inches and heavy, with a target crown. The action is hand-finished. The Eclipse is a rifle designed for high accuracy at long ranges. The M-1000 Stainless Eclipse is similar, but the metalwork is matte-finished stainless steel.

The Varmint Stalker is designed to fire smaller-caliber, short-action cartridges. External metalwork is matte blued steel, while the furniture is of matte black composite. The butt has a recoil pad. Barrels are 24 inches, except in .22-250 Remington caliber, which has a 26-inch barrel. Barrels are glass-bedded, free-floating, target-crowned, and of a medium-heavy weight. The action is hand-finished. The furniture is still of matte black composite, but the pistol grip wrist and fore-end are checkered.

The White Gold Medallion uses largely stainless steel metalwork with some gold decorative touches. Barrels range from 22-26 inches depending upon caliber and are glass-bedded and free floating, as well as being target-crowned. The action is hand-finished. The stock is gloss-finished walnut, with a raised cheekpiece, checkered pistol grip wrist and fore-end, and a recoil pad on the stock.

Like the older version, there is essentially an A-Bolt II Micro-Medallion; however, it has been re-named the Micro Hunter. The Micro-Hunter is a lighter, short-action-only version of the standard A-Bolt II Hunter. Unlike the older version, however, the Micro-Hunter can be found chambered for some pretty powerful cartridges, including some of the new Winchester Short Magnum rounds. Barrels are still 20 inches, except for the 22-inch barrels of the .22 Hornet and the Magnum versions. The barrels are blued with a matte finish, but are free-floating with target crowns. The other metalwork is likewise matte-finished steel. The furniture is satin-finished walnut, with a recoil pad on the butt; the stock also has a shorter length of pull.

In 2012, noted gunsmith Steve Popovich began building special versions of the A-Bolt II for select customers. This version did not fire rifle cartridges; instead, it was chambered for rifled 12-Gauge 3-inch magnum slugs, and specifically Sabot Slugs. (Shot would ruin the rifling and eventually the barrel itself in short order.) The gun has a beautiful finish to its woodwork, and the external metalwork is beautifully blued. He will also make them with synthetic stocks. The version with a synthetic stock is called by Popovich the Trophy Sabot, and the wood-stocked version is called the Safari Grade. The butt has a Pachmayr Decelerator recoil pad. The barrel is of match quality and medium profile (but looks a lot heavier due to its bore). It is 22 inches long. The receiver is set up for claw-type scope mounts, and also has iron sights in the scout position. The trigger pull is described by one writer as crisp and clean, but a bit heavy; this led to the use of an adjustable trigger.

Twilight 2000 Notes: The A-Bolt II series largely does not exist in the Twilight 2000 timeline, with the exception of the Hunter and Medallion, which are very rare. However, due to the fact that most of the parts for the A-Bolt II were manufactured in Japan, the A-Bolt II was issued to or bought in small numbers by Japanese civilians and Home Defense forces. Later, many years after the Twilight

War, the A-Bolt II Hunter and Medallion became common export rifles for the Japanese, and by 2025, could be found in many places in the Asian Pacific Rim.

Weapon	Ammunition	Weight	Magazines	Price
Hunter	5.56mm NATO	2.84 kg	5	\$863
Hunter (w/Brake)	5.56mm NATO	2.91 kg	5	\$913
Hunter	.223 Winchester Super Short Magnum	2.86 kg	5	\$845
Hunter (w/Brake)	.223 Winchester Super Short Magnum	2.93 kg	5	\$895
Hunter	.22-250 Remington	2.92 kg	5	\$920
Hunter (w/Brake)	.22-250 Remington	2.99 kg	5	\$970
Hunter	.243 Winchester Super Short Magnum	2.86 kg	5	\$936
Hunter (w/Brake)	.243 Winchester Super Short Magnum	2.93 kg	5	\$986
Hunter	.243 Winchester	2.92 kg	5	\$1075
Hunter (w/Brake)	.243 Winchester	2.99 kg	5	\$1125
Hunter	.270 Winchester Short Magnum	2.98 kg	5	\$1335
Hunter (w/Brake)	.270 Winchester Short Magnum	3.05 kg	5	\$1385
Hunter	.270 Winchester	3.03 kg	5	\$1532
Hunter (w/Brake)	.270 Winchester	3.1 kg	5	\$1582
Hunter	.25 Winchester Super Short Magnum	2.86 kg	5	\$1007
Hunter (w/Brake)	.25 Winchester Super Short Magnum	2.93 kg	5	\$1057
Hunter	.25-06 Remington	3.06 kg	5	\$1365
Hunter (w/Brake)	.25-06 Remington	3.14 kg	5	\$1415
Hunter	7mm-08 Remington	2.92 kg	5	\$1328
Hunter (w/Brake)	7mm-08 Remington	2.99 kg	5	\$1378
Hunter	7mm Winchester Short Magnum	2.98 kg	5	\$1383
Hunter (w/Brake)	7mm Winchester Short Magnum	3.05 kg	5	\$1433
Hunter	7mm Remington Magnum	3.26 kg	5	\$1614
Hunter (w/Brake)	7mm Remington Magnum	3.34 kg	5	\$1664
Hunter	7.62mm NATO	2.92 kg	5	\$1504
Hunter (w/Brake)	7.62mm NATO	2.99 kg	5	\$1554
Hunter	.300 Winchester Short Magnum	2.98 kg	5	\$1568
Hunter (w/Brake)	.300 Winchester Short Magnum	3.05 kg	5	\$1618
Hunter	.30-06 Springfield	3.03 kg	5	\$1784
Hunter (w/Brake)	.30-06 Springfield	3.1 kg	5	\$1834
Hunter	.300 Winchester Magnum	3.26 kg	5	\$2452
Hunter (w/Brake)	.300 Winchester Magnum	3.34 kg	5	\$2502
Hunter	.325 Winchester Short Magnum	2.98 kg	5	\$1690
Hunter (w/Brake)	.325 Winchester Short Magnum	3.05 kg	5	\$1740
Hunter	.338 Winchester Magnum	3.26 kg	5	\$2673
Hunter (w/Brake)	.338 Winchester Magnum	3.34 kg	5	\$2723
Medallion	.22-250 Remington	2.92 kg	5	\$920
Medallion (w/Brake)	.22-250 Remington	2.99 kg	5	\$970
Medallion	.223 Winchester Super Short Magnum	2.84 kg	5	\$845
Medallion (w/Brake)	.223 Winchester Super Short Magnum	2.91 kg	5	\$895
Medallion	.243 Winchester Super Short Magnum	2.84 kg	5	\$936
Medallion (w/Brake)	.243 Winchester Super Short Magnum	2.91 kg	5	\$986
Medallion	.243 Winchester	2.92 kg	5	\$1075
Medallion (w/Brake)	.243 Winchester	2.99 kg	5	\$1125
Medallion	.25 Winchester Super Short Magnum	2.84 kg	5	\$1007
Medallion (w/Brake)	.25 Winchester Super Short Magnum	2.91 kg	5	\$1057
Medallion	.25-06 Remington	3.12 kg	5	\$1397
Medallion (w/Brake)	.25-06 Remington	3.2 kg	5	\$1447
Medallion	.270 Winchester	3.03 kg	5	\$1533
Medallion (w/Brake)	.270 Winchester	3.1 kg	5	\$1583
Medallion	.270 Winchester Short Magnum	2.98 kg	5	\$1335
Medallion (w/Brake)	.270 Winchester Short Magnum	3.05 kg	5	\$1385
Medallion	.280 Remington	3.03 kg	5	\$1592
Medallion (w/Brake)	.280 Remington	3.1 kg	5	\$1642
Medallion	7mm Winchester Short Magnum	2.98 kg	5	\$1383
Medallion (w/Brake)	7mm Winchester Short Magnum	3.05 kg	5	\$1433
Medallion	7mm Remington Magnum	3.2 kg	5	\$1614

Medallion (w/Brake)	7mm Remington Magnum	3.27 kg	5	\$1664
Medallion	7.62mm NATO	2.92 kg	5	\$1504
Medallion (w/Brake)	7.62mm NATO	2.99 kg	5	\$1554
Medallion	.30-06 Springfield	3.03 kg	5	\$1785
Medallion (w/Brake)	.30-06 Springfield	3.1 kg	5	\$1835
Medallion	.300 Winchester Short Magnum	2.98 kg	5	\$1568
Medallion (w/Brake)	.300 Winchester Short Magnum	3.05 kg	5	\$1618
Medallion	.300 Winchester Magnum	3.2 kg	5	\$2452
Medallion (w/Brake)	.300 Winchester Magnum	3.27 kg	5	\$2502
Medallion	.325 Winchester Short Magnum	2.98 kg	5	\$1690
Medallion (w/Brake)	.325 Winchester Short Magnum	3.05 kg	5	\$1740
Medallion	.338 Winchester Magnum	3.2 kg	5	\$2673
Medallion (w/Brake)	.338 Winchester Magnum	3.27 kg	5	\$2723
Medallion	.375 H&H Magnum	3.2 kg	5	\$3397
Medallion (w/Brake)	.375 H&H Magnum	3.27 kg	5	\$3447
Stainless Stalker	5.56mm NATO	2.75 kg	5	\$885
Stainless Stalker (w/Brake)	5.56mm NATO	2.82 kg	5	\$935
Stainless Stalker	.223 Winchester Super Short Magnum	2.78 kg	5	\$857
Stainless Stalker (w/Brake)	.223 Winchester Super Short Magnum	2.85 kg	5	\$907
Stainless Stalker	.243 Winchester	2.84 kg	5	\$1087
Stainless Stalker (w/Brake)	.243 Winchester	2.91 kg	5	\$1137
Stainless Stalker	.243 Winchester Super Short Magnum	2.78 kg	5	\$948
Stainless Stalker (w/Brake)	.243 Winchester Super Short Magnum	2.85 kg	5	\$998
Stainless Stalker	.25-06 Remington	3.12 kg	5	\$1379
Stainless Stalker (w/Brake)	.25-06 Remington	3.2 kg	5	\$1429
Stainless Stalker	.25 Winchester Super Short Magnum	2.78 kg	5	\$1020
Stainless Stalker (w/Brake)	.25 Winchester Super Short Magnum	2.85 kg	5	\$1070
Stainless Stalker	.270 Winchester Short Magnum	2.89 kg	5	\$1348
Stainless Stalker (w/Brake)	.270 Winchester Short Magnum	2.96 kg	5	\$1398
Stainless Stalker	.270 Winchester	3.03 kg	5	\$1547
Stainless Stalker (w/Brake)	.270 Winchester	3.1 kg	5	\$1597
Stainless Stalker	7mm-08 Remington	2.84 kg	5	\$1357
Stainless Stalker (w/Brake)	7mm-08 Remington	2.91 kg	5	\$1407
Stainless Stalker	7mm Winchester Short Magnum	2.89 kg	5	\$1397
Stainless Stalker (w/Brake)	7mm Winchester Short Magnum	2.96 kg	5	\$1447
Stainless Stalker	.280 Remington	3.03 kg	5	\$1606
Stainless Stalker (w/Brake)	.280 Remington	3.1 kg	5	\$1656
Stainless Stalker	7mm Remington Magnum	3.26 kg	5	\$1629
Stainless Stalker (w/Brake)	7mm Remington Magnum	3.33 kg	5	\$1679
Stainless Stalker	7.62mm NATO	2.84 kg	5	\$1519
Stainless Stalker (w/Brake)	7.62mm NATO	2.91 kg	5	\$1569
Stainless Stalker	.300 Winchester Short Magnum	2.89 kg	5	\$1582
Stainless Stalker (w/Brake)	.300 Winchester Short Magnum	2.96 kg	5	\$1632
Stainless Stalker	.30-06 Springfield	3.03 kg	5	\$1800
Stainless Stalker (w/Brake)	.30-06 Springfield	3.1 kg	5	\$1850
Stainless Stalker	.300 Winchester Magnum	3.26 kg	5	\$2468
Stainless Stalker (w/Brake)	.300 Winchester Magnum	3.33 kg	5	\$2518
Stainless Stalker	.325 Winchester Short Magnum	2.89 kg	5	\$1705
Stainless Stalker (w/Brake)	.325 Winchester Short Magnum	2.96 kg	5	\$1755
Stainless Stalker	.338 Winchester Magnum	3.26 kg	5	\$1737
Stainless Stalker (w/Brake)	.338 Winchester Magnum	3.33 kg	5	\$1787
Stainless Stalker	.375 H&H Magnum	3.26 kg	5	\$3415
Stainless Stalker (w/Brake)	.375 H&H Magnum	3.33 kg	5	\$3465
Mountain Ti	.243 Winchester	2.49 kg	5	\$1096
Mountain Ti (w/Brake)	.243 Winchester	2.56 kg	5	\$1147
Mountain Ti	.270 Winchester Short Magnum	2.49 kg	5	\$1360
Mountain Ti (w/Brake)	.270 Winchester Short Magnum	2.56 kg	5	\$1411
Mountain Ti	7mm-08 Remington	2.47 kg	5	\$1369
Mountain Ti (w/Brake)	7mm-08 Remington	2.54 kg	5	\$1420
Mountain Ti	7mm Winchester Short Magnum	2.49 kg	5	\$1410



Mountain Ti (w/Brake)	7mm Winchester Short Magnum	2.56 kg	5	\$1461
Mountain Ti	7.62mm NATO	2.44 kg	5	\$1533
Mountain Ti (w/Brake)	7.62mm NATO	2.51 kg	5	\$1584
Mountain Ti	.300 Winchester Short Magnum	2.49 kg	5	\$1597
Mountain Ti (w/Brake)	.300 Winchester Short Magnum	2.56 kg	5	\$1648
Mountain Ti	.325 Winchester Short Magnum	2.49 kg	5	\$1721
Mountain Ti (w/Brake)	.325 Winchester Short Magnum	2.56 kg	5	\$1772
M-1000 Eclipse	.22-250 Remington	4.48 kg	5	\$965
M-1000 Eclipse (w/Brake)	.22-250 Remington	4.55 kg	5	\$1015
M-1000 Eclipse	.270 Winchester Short Magnum	4.48 kg	5	\$1369
M-1000 Eclipse (w/Brake)	.270 Winchester Short Magnum	4.55 kg	5	\$1419
M-1000 Eclipse	7mm Winchester Short Magnum	4.48 kg	5	\$1418
M-1000 Eclipse (w/Brake)	7mm Winchester Short Magnum	4.55 kg	5	\$1468
M-1000 Eclipse	.300 Winchester Short Magnum	4.48 kg	5	\$1603
M-1000 Eclipse (w/Brake)	.300 Winchester Short Magnum	4.55 kg	5	\$1653
M-1000 Eclipse	7.62mm NATO	4.48 kg	5	\$1550
M-1000 Eclipse (w/Brake)	7.62mm NATO	4.55 kg	5	\$1600
Varmint Stalker	5.56mm NATO	3.54 kg	5	\$869
Varmint Stalker	.22-250 Remington	3.71 kg	5	\$977
Varmint Stalker	.223 Winchester Super Short Magnum	3.54 kg	5	\$881
Varmint Stalker	.243 Winchester Super Short Magnum	3.54 kg	5	\$972
Varmint Stalker	.25 Winchester Super Short Magnum	3.54 kg	5	\$1044
White Gold Medallion	.270 Winchester	3.26 kg	5	\$1533
White Gold Medallion	.30-06 Springfield	3.26 kg	5	\$1785
White Gold Medallion	7mm Remington Magnum	3.49 kg	5	\$1614
White Gold Medallion	.300 Winchester Magnum	3.49 kg	5	\$2452
White Gold Medallion	.300 Winchester Short Magnum	2.89 kg	5	\$1568
White Gold Medallion	.270 Winchester Short Magnum	2.89 kg	5	\$1335
White Gold Medallion	7mm Winchester Short Magnum	2.89 kg	5	\$1383
White Gold Medallion	.325 Winchester Short Magnum	2.89 kg	5	\$1690
Micro-Hunter	.22 Hornet	2.89 kg	5	\$755
Micro-Hunter	.22-250 Remington	2.84 kg	5	\$897
Micro-Hunter	.243 Winchester	2.84 kg	5	\$1052
Micro-Hunter	.270 Winchester Short Magnum	2.89 kg	5	\$1301
Micro-Hunter	7mm-08 Remington	2.84 kg	5	\$1320
Micro-Hunter	7mm Winchester Short Magnum	2.89 kg	5	\$1350
Micro-Hunter	7.62mm NATO	2.84 kg	5	\$1482
Micro-Hunter	.300 Winchester Short Magnum	2.89 kg	5	\$1534
Micro-Hunter	.325 Winchester Short Magnum	2.89 kg	5	\$1657
Popovich Trophy Sabot	12 Gauge 3" Slug	3.69 kg	3	\$720
Popovich Safari Grade	12 Gauge 3" Slug	4.42 kg	3	\$707

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Hunter (5.56mm)	BA	3	1-Nil	6	3	Nil	69
Hunter (5.56mm, w/Brake)	BA	3	1-Nil	6	2	Nil	69
Hunter (.223 Magnum)	BA	3	1-1-Nil	6	3	Nil	90
Hunter (.223 Magnum, w/Brake)	BA	3	1-1-Nil	7	2	Nil	90
Hunter (.22-250)	BA	3	1-Nil	6	3	Nil	68
Hunter (.22-250, w/Brake)	BA	3	1-Nil	7	2	Nil	68
Hunter (.243 Magnum)	BA	3	1-2-Nil	6	3	Nil	95
Hunter (.243 Magnum, w/Brake)	BA	3	1-2-Nil	7	2	Nil	95
Hunter (.243)	BA	3	2-Nil	7	3	Nil	69
Hunter (.243, w/Brake)	BA	3	2-Nil	7	2	Nil	69
Hunter (.270 Magnum)	BA	4	1-2-3	7	4	Nil	99
Hunter (.270 Magnum, w/Brake)	BA	4	1-2-3	7	3	Nil	99
Hunter (.270)	BA	4	2-3-Nil	7	4	Nil	64
Hunter (.270, w/Brake)	BA	4	2-3-Nil	7	3	Nil	64
Hunter (.25 Magnum)	BA	3	1-2-Nil	6	3	Nil	95
Hunter (.25 Magnum, w/Brake)	BA	3	1-2-Nil	7	2	Nil	95

Hunter (.25-06)	BA	4	2-3-Nil	7	4	Nil	69
Hunter (.25-06, w/Brake)	BA	4	2-3-Nil	7	3	Nil	69
Hunter (7mm-08)	BA	4	2-3-Nil	7	4	Nil	82
Hunter (7mm-08, w/Brake)	BA	4	2-3-Nil	7	3	Nil	82
Hunter (7mm Short Magnum)	BA	4	1-2-3	7	4	Nil	101
Hunter (7mm Short Magnum, w/Brake)	BA	4	1-2-3	7	3	Nil	101
Hunter (7mm Rem Magnum)	BA	4	1-2-3	8	4	Nil	102
Hunter (7mm Rem Magnum, w/Brake)	BA	4	1-2-3	8	3	Nil	102
Hunter (7.62mm)	BA	4	2-3-Nil	7	4	Nil	83
Hunter (7.62mm, w/Brake)	BA	4	2-3-Nil	7	3	Nil	83
Hunter (.300 Short Magnum)	BA	5	1-2-3	7	4	Nil	107
Hunter (.300 Short Magnum, w/Brake)	BA	5	1-2-3	7	3	Nil	107
Hunter (.30-06)	BA	4	2-3-Nil	7	4	Nil	72
Hunter (.30-06, w/Brake)	BA	4	2-3-Nil	7	3	Nil	72
Hunter (.300 Win Magnum)	BA	5	1-2-3	8	4	Nil	106
Hunter (.300 Win Magnum, w/Brake)	BA	5	1-2-3	8	3	Nil	106
Hunter (.325 Magnum)	BA	5	1-2-3	7	4	Nil	107
Hunter (.325 Magnum, w/Brake)	BA	5	1-2-3	7	3	Nil	107
Hunter (.338 Magnum)	BA	6	1-3-Nil	8	5	Nil	122
Hunter (.338 Magnum, w/Brake)	BA	6	1-3-Nil	8	4	Nil	122
Medallion (.22-250)	BA	3	1-Nil	6	3	Nil	68
Medallion (.22-250, w/Brake)	BA	3	1-Nil	6	2	Nil	68
Medallion (.223 Magnum)	BA	3	1-1-Nil	6	3	Nil	90
Medallion (.223 Magnum, w/Brake)	BA	3	1-1-Nil	7	2	Nil	90
Medallion (.243 Magnum)	BA	3	1-2-Nil	6	3	Nil	95
Medallion (.243 Magnum, w/Brake)	BA	3	1-2-Nil	7	2	Nil	95
Medallion (.243)	BA	3	2-Nil	7	3	Nil	70
Medallion (.243, w/Brake)	BA	3	2-Nil	7	2	Nil	70
Medallion (.25 Magnum)	BA	3	1-2-Nil	6	3	Nil	95
Medallion (.25 Magnum, w/Brake)	BA	3	1-2-Nil	7	2	Nil	95
Medallion (.25-06)	BA	4	2-3-Nil	7	4	Nil	70
Medallion (.25-06, w/Brake)	BA	4	2-3-Nil	7	3	Nil	70
Medallion (.270)	BA	4	2-3-Nil	7	4	Nil	64
Medallion (.270, w/Brake)	BA	4	2-3-Nil	7	3	Nil	64
Medallion (.270 Magnum)	BA	4	1-2-3	7	4	Nil	99
Medallion (.270 Magnum, w/Brake)	BA	4	1-2-3	7	3	Nil	99
Medallion (.280)	BA	4	2-3-Nil	7	4	Nil	65
Medallion (.280, w/Brake)	BA	4	2-3-Nil	7	3	Nil	65
Medallion (7mm Short Magnum)	BA	4	1-2-3	7	4	Nil	101
Medallion (7mm Short Magnum, w/Brake)	BA	4	1-2-3	7	3	Nil	101
Medallion (7mm Rem Magnum)	BA	4	1-2-3	8	4	Nil	102
Medallion (7mm Rem Magnum, w/Brake)	BA	4	1-2-3	8	3	Nil	102
Medallion (7.62mm)	BA	4	2-3-Nil	7	4	Nil	83
Medallion (7.62mm, w/Brake)	BA	4	2-3-Nil	7	3	Nil	83
Medallion (.30-06)	BA	4	2-3-Nil	7	4	Nil	72
Medallion (.30-06, w/Brake)	BA	4	2-3-Nil	7	3	Nil	72
Medallion (.300 Short Magnum)	BA	5	1-2-3	7	4	Nil	107
Medallion (.300 Short Magnum, w/Brake)	BA	5	1-2-3	7	3	Nil	107
Medallion (.300 Win Magnum)	BA	5	1-2-3	8	4	Nil	106
Medallion (.300 Win Magnum, w/Brake)	BA	5	1-2-3	8	3	Nil	106
Medallion (.325 Magnum)	BA	5	1-2-3	7	4	Nil	107
Medallion (.325 Magnum, w/Brake)	BA	5	1-2-3	7	3	Nil	107
Medallion (.338 Magnum)	BA	6	1-3-Nil	8	5	Nil	122
Medallion (.338 Magnum, w/Brake)	BA	6	1-3-Nil	8	4	Nil	122
Medallion (.375 Magnum)	BA	7	1-3-5	8	5	Nil	119
Medallion (.375 Magnum, w/Brake)	BA	7	1-3-5	9	4	Nil	119
Stainless Stalker (5.56mm)	BA	3	1-Nil	6	3	Nil	73

Stainless Stalker (5.56mm, w/Brake)	BA	3	1-Nil	6	2	Nil	73
Stainless Stalker (.223 Magnum)	BA	3	1-1-Nil	6	3	Nil	90
Stainless Stalker (.223 Magnum, w/Brake)	BA	3	1-1-Nil	7	2	Nil	90
Stainless Stalker (.243)	BA	3	2-Nil	7	3	Nil	69
Stainless Stalker (.243, w/Brake)	BA	3	2-Nil	7	2	Nil	69
Stainless Stalker (.243 Magnum)	BA	3	1-2-Nil	6	3	Nil	95
Stainless Stalker (.243 Magnum, w/Brake)	BA	3	1-2-Nil	7	2	Nil	95
Stainless Stalker (.25-06)	BA	4	2-3-Nil	7	4	Nil	69
Stainless Stalker (.25-06, w/Brake)	BA	4	2-3-Nil	7	3	Nil	69
Stainless Stalker (.25 Magnum)	BA	3	1-2-Nil	6	3	Nil	95
Stainless Stalker (.25 Magnum, w/Brake)	BA	3	1-2-Nil	7	2	Nil	95
Stainless Stalker (.270 Magnum)	BA	4	1-2-3	7	4	Nil	99
Stainless Stalker (.270 Magnum, w/Brake)	BA	4	1-2-3	7	3	Nil	99
Stainless Stalker (.270)	BA	4	2-3-Nil	7	4	Nil	64
Stainless Stalker (.270, w/Brake)	BA	4	2-3-Nil	7	3	Nil	64
Stainless Stalker (7mm-08)	BA	4	2-3-Nil	7	4	Nil	81
Stainless Stalker (7mm-08, w/Brake)	BA	4	2-3-Nil	7	3	Nil	81
Stainless Stalker (7mm Short Magnum)	BA	4	1-2-3	7	4	Nil	101
Stainless Stalker (7mm Short Magnum, w/Brake)	BA	4	1-2-3	7	3	Nil	101
Stainless Stalker (.280)	BA	4	2-3-Nil	7	4	Nil	65
Stainless Stalker (.280, w/Brake)	BA	4	2-3-Nil	7	3	Nil	65
Stainless Stalker (7mm Rem Magnum)	BA	4	1-2-3	8	4	Nil	102
Stainless Stalker (7mm Rem Magnum, w/Brake)	BA	4	1-2-3	8	3	Nil	102
Stainless Stalker (7.62mm)	BA	4	2-3-Nil	7	4	Nil	83
Stainless Stalker (7.62mm, w/Brake)	BA	4	2-3-Nil	7	3	Nil	83
Stainless Stalker (.300 Short Magnum)	BA	5	1-2-3	7	4	Nil	107
Stainless Stalker (.300 Short Magnum, w/Brake)	BA	5	1-2-3	7	3	Nil	107
Stainless Stalker (.30-06)	BA	4	2-3-Nil	7	4	Nil	72
Stainless Stalker (.30-06, w/Brake)	BA	4	2-3-Nil	7	3	Nil	72
Stainless Stalker (.300 Win Magnum)	BA	5	1-2-3	8	4	Nil	106
Stainless Stalker (.300 Win Magnum, w/Brake)	BA	5	1-2-3	8	3	Nil	106
Stainless Stalker (.325 Magnum)	BA	5	1-2-3	7	4	Nil	107
Stainless Stalker (.325 Magnum, w/Brake)	BA	5	1-2-3	7	3	Nil	107
Stainless Stalker (.338 Magnum)	BA	6	1-3-Nil	8	5	Nil	122
Stainless Stalker (.338 Magnum, w/Brake)	BA	6	1-3-Nil	8	4	Nil	122
Stainless Stalker (.375 Magnum)	BA	7	1-3-5	8	5	Nil	119
Stainless Stalker (.375 Magnum, w/Brake)	BA	7	1-3-5	9	4	Nil	119
Mountain Ti (.243)	BA	3	2-Nil	7	3	Nil	69
Mountain Ti (.243, w/Brake)	BA	3	2-Nil	7	2	Nil	69
Mountain Ti (.270 Magnum)	BA	4	1-2-3	7	4	Nil	99
Mountain Ti (.270 Magnum, w/Brake)	BA	4	1-2-3	7	3	Nil	99
Mountain Ti (7mm-08)	BA	4	2-3-Nil	7	4	Nil	81
Mountain Ti (7mm-08, w/Brake)	BA	4	2-3-Nil	7	3	Nil	81
Mountain Ti (7mm Short Magnum)	BA	4	1-2-3	7	4	Nil	101
Mountain Ti (7mm Short Magnum, w/Brake)	BA	4	1-2-3	7	3	Nil	101
Mountain Ti (7.62mm)	BA	4	2-3-Nil	7	5	Nil	83
Mountain Ti (7.62mm, w/Brake)	BA	4	2-3-Nil	7	3	Nil	83
Mountain Ti (.300 Short Magnum)	BA	5	1-2-3	7	5	Nil	107
Mountain Ti (.300 Short Magnum, w/Brake)	BA	5	1-2-3	7	3	Nil	107
Mountain Ti (.325 Magnum)	BA	5	1-2-3	7	5	Nil	107
Mountain Ti (.325 Magnum, w/Brake)	BA	5	1-2-3	7	3	Nil	107
M-1000 Eclipse (.22-250)	BA	3	1-Nil	6	2	Nil	84
M-1000 Eclipse (.22-250, w/Brake)	BA	3	1-Nil	7	2	Nil	84

M-1000 Eclipse (.270 Magnum)	BA	4	1-2-3	7	3	Nil	119
M-1000 Eclipse (.270 Magnum, w/Brake)	BA	4	1-2-3	7	2	Nil	119
M-1000 Eclipse (7mm Short Magnum)	BA	4	1-2-3	7	3	Nil	121
M-1000 Eclipse (7mm Short Magnum, w/Brake)	BA	4	1-2-3	7	2	Nil	121
M-1000 Eclipse (.300 Short Magnum)	BA	5	1-2-3	7	3	Nil	128
M-1000 Eclipse (.300 Short Magnum, w/Brake)	BA	5	1-2-3	7	2	Nil	128
M-1000 Eclipse (7.62mm)	BA	4	2-3-Nil	7	3	Nil	104
M-1000 Eclipse (7.62mm, w/Brake)	BA	4	2-3-Nil	7	2	Nil	104
Varmint Stalker (5.56mm)	BA	3	1-Nil	6	2	Nil	66
Varmint Stalker (.22-250)	BA	3	1-Nil	6	2	Nil	84
Varmint Stalker (.223 Magnum)	BA	3	1-1-Nil	6	2	Nil	99
Varmint Stalker (.243 Magnum)	BA	3	1-2-Nil	6	2	Nil	106
Varmint Stalker (.25 Magnum)	BA	3	1-2-Nil	6	3	Nil	106
White Gold Medallion (.270)	BA	4	2-3-Nil	7	4	Nil	64
White Gold Medallion (.30-06)	BA	4	2-3-Nil	7	4	Nil	72
White Gold Medallion (7mm Rem Magnum)	BA	4	1-2-3	8	4	Nil	102
White Gold Medallion (.300 Win Magnum)	BA	5	1-2-3	8	4	Nil	106
White Gold Medallion (.300 Short Magnum)	BA	5	1-2-3	7	4	Nil	107
White Gold Medallion (.270 Magnum)	BA	4	1-2-3	7	4	Nil	99
White Gold Medallion (7mm Short Magnum)	BA	4	1-2-3	7	4	Nil	101
White Gold Medallion (.325 Magnum)	BA	5	1-2-3	7	4	Nil	107
Micro-Hunter (.22 Hornet)	BA	3	1-Nil	6	3	Nil	73
Micro-Hunter (.22-250)	BA	3	1-Nil	6	3	Nil	59
Micro-Hunter (.243)	BA	3	2-Nil	6	3	Nil	59
Micro-Hunter (.270 Magnum)	BA	4	1-2-Nil	6	4	Nil	79
Micro-Hunter (7mm-08)	BA	4	2-3-Nil	6	4	Nil	70
Micro-Hunter (7mm Short Magnum)	BA	4	1-2-3	6	4	Nil	81
Micro-Hunter (7.62mm)	BA	4	2-3-Nil	7	4	Nil	71
Micro-Hunter (.300 Short Magnum)	BA	5	1-2-3	7	4	Nil	86
Micro-Hunter (.325 Magnum)	BA	5	1-2-3	7	4	Nil	86
Popovich Trophy Sabot (Slug)	BA	4	2-3-Nil	7	4	Nil	56
Popovich Trophy Sabot (Sabot)	BA	5	1-2-3	7	4	Nil	68
Popovich Safari Grade (Slug)	BA	4	2-3-Nil	7	3	Nil	56
Popovich Safari Grade (Sabot)	BA	5	1-2-3	7	3	Nil	68

**Browning Acera**

Notes: Actually produced in Japan by Miroku for Browning, the Acera was introduced in 1999. It has some interesting features, such as the straight-line, or extended, bolt-action. This means that the bolt lever does not need to be turned in order to unlock it; you simply pull it back, and the bolt unlocks itself. (It does take a deliberate pull, however.) The magazine is removable; it may also be fed from the top through the receiver. The Acera has a removable barrel rib that mounts the rear sight and is also drilled and tapped for a telescopic sight. The inside of the receiver is coated with Teflon and allows for a very smooth action. The stock is of walnut, and has a tapered hogsback with a cheek plate on the left side. There are several versions: the standard Acera, the Acera Elite, a deluxe version with an oil-polished walnut stock; the Acera Stutzen (introduced in 2001), with a full-length stock that extends all the way to the barrel and is a bit heavier and better-balanced. (The Acera Stutzen was removed from the market in 2002.); and the Acera Pirsch, which was designed specifically for shooting at moving game; it is not drilled and tapped, and has no barrel rib as the other versions do, but does have an adjustable rear sight and longer barrel.

Twilight 2000 Notes: These rifles do not exist.

Weapon	Ammunition	Weight	Magazines	Price
Acera	.270 Winchester	3.1 kg	4	\$1429
Acera	7x64mm Brenneke	3.14 kg	3	\$1473
Acera	7mm Remington Magnum	3.14 kg	3	\$1468
Acera	.30-06 Springfield	3.33 kg	4	\$1681
Acera	.300 Winchester Magnum	3.52 kg	3	\$2164
Acera Stutzen	7x64mm Brenneke	3.3 kg	3	\$1473
Acera Stutzen	.30-06 Springfield	3.5 kg	4	\$1681
Acera Stutzen	.300 Winchester Magnum	3.7 kg	3	\$2164

Acera Pirsch	7x64mm Brenneke	3.1 kg	3	\$1502
Acera Pirsch	.30-06 Springfield	3.33 kg	4	\$1710
Acera Pirsch	.300 Winchester Magnum	3.52 kg	3	\$2252

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Acera (.270)	BA	4	2-3-Nil	6	5	Nil	52
Acera (7mm Brenneke)	BA	4	1-2-3	6	5	Nil	65
Acera (7mm Magnum)	BA	4	1-2-3	6	5	Nil	65
Acera (.30-06)	BA	4	2-3-Nil	7	5	Nil	59
Acera (.300)	BA	5	2-3-Nil	7	5	Nil	67
Acera Stutzen (7mm Brenneke)	BA	4	1-2-3	6	5	Nil	65
Acera Stutzen (.30-06)	BA	4	2-3-Nil	7	5	Nil	59
Acera Stutzen (.300)	BA	5	2-3-Nil	7	4	Nil	67
Acera Pirsch (7mm Brenneke)	BA	4	1-2-3	7	5	Nil	80
Acera Pirsch (.30-06)	BA	4	2-3-Nil	7	5	Nil	73
Acera Pirsch (.300)	BA	5	2-3-Nil	7	5	Nil	83

**Browning BBR**

Notes: This is a high-quality, bolt-action hunting rifle; designed by FN-Browning but made in the United States now; before this, it was made by Miroku in Japan. This means the BBR is actually more common in the US, Canada, and Mexico than it is in Europe. The BBR features a floating barrel and is drilled and tapped for a scope sight. The barrel mount is designed so that a rusting barrel does not damage the wood of the forend. The BBR is essentially a descendant of the Mauser Kar-98k; however, the bolt has nine locking lugs rather than three large ones. The bolt design reduced the throw from 90 degrees to 60 degrees. The safety is tang-mounted and pushes forward to fire and to the rear for safe. A chamber-loaded indicator, both visual and tactile, is at the back of the bolt shroud.

Despite the excellent design of the period, the BBR was built and bought only at a low rate, from 1974-84. It was replaced by the A-Bolt (above).

Weapon	Ammunition	Weight	Magazines	Price
BBR (22" Barrel)	.22-250 Remington	3.6 kg	4	\$840
BBR (24" Barrel)	.22-250 Remington	3.7 kg	4	\$860
BBR (22" Barrel)	.243 Winchester	3.84 kg	4	\$996
BBR (24" Barrel)	.243 Winchester	3.94 kg	4	\$1016
BBR (22" Barrel)	.25-06 Remington	4.25 kg	4	\$1267
BBR (24" Barrel)	.25-06 Remington	4.35 kg	4	\$1287
BBR (22" Barrel)	.257 Roberts	4.13 kg	4	\$1192
BBR (24" Barrel)	.257 Roberts	4.23 kg	4	\$1213
BBR (22" Barrel)	7mm-08 Remington	4.24 kg	4	\$1266
BBR (24" Barrel)	7mm-08 Remington	4.34 kg	4	\$1286
BBR (22" Barrel)	7mm Remington Magnum	4.59 kg	4	\$1496
BBR (24" Barrel)	7mm Remington Magnum	4.69 kg	4	\$1516
BBR (22" Barrel)	7.62mm NATO	4.49 kg	4	\$1428
BBR (24" Barrel)	7.62mm NATO	4.59 kg	4	\$1448
BBR (22" Barrel)	.30-06 Springfield	4.92 kg	4	\$1710
BBR (24" Barrel)	.30-06 Springfield	5.02 kg	4	\$1730
BBR (22" Barrel)	.300 Winchester Magnum	5.31 kg	4	\$2235
BBR (24" Barrel)	.300 Winchester Magnum	5.46 kg	4	\$2296
BBR (22" Barrel)	.338 Winchester Magnum	5.65 kg	4	\$2457
BBR (24" Barrel)	.338 Winchester Magnum	5.71 kg	4	\$2518

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
BBR (.22-250, 22")	BA	3	1-Nil	6	3	Nil	65
BBR (.22-250, 24")	BA	3	1-Nil	7	3	Nil	73
BBR (.243, 22")	BA	3	2-Nil	7	3	Nil	65
BBR (.243, 24")	BA	3	2-Nil	7	3	Nil	74
BBR (.25-06, 22")	BA	4	2-Nil	7	4	Nil	57
BBR (.25-06, 24")	BA	4	2-Nil	7	4	Nil	65
BBR (.257, 22")	BA	4	2-Nil	7	4	Nil	62
BBR (.257, 24")	BA	3	2-Nil	7	4	Nil	70



BBR (7mm-08, 22")	BA	4	2-3-Nil	7	4	Nil	75
BBR (7mm-08, 24")	BA	4	2-3-Nil	7	4	Nil	87
BBR (7mm, 22")	BA	4	1-2-3	7	4	Nil	75
BBR (7mm, 24")	BA	4	1-2-3	7	4	Nil	86
BBR (7.62mm, 22")	BA	4	2-3-Nil	7	4	Nil	79
BBR (7.62mm, 24")	BA	4	2-3-Nil	7	4	Nil	89
BBR (.30-06, 22")	BA	4	2-3-Nil	7	4	Nil	68
BBR (.30-06, 24")	BA	4	2-3-Nil	7	4	Nil	78
BBR (.300, 22")	BA	5	2-3-Nil	7	4	Nil	78
BBR (.300, 24")	BA	5	2-3-Nil	8	4	Nil	89
BBR (.338, 22")	BA	6	2-3-Nil	7	4	Nil	90
BBR (.338WM, 24")	BA	6	1-3-Nil	8	4	Nil	103

**Browning Eurobolt**

Notes: This rifle, introduced in 2000, is a Browning A-Bolt modification that was designed with the European market in mind. It comes in a "short receiver" version for standard cartridges and a magnum version for its two magnum chamberings. The receiver is drilled and tapped for a telescopic sight; the Eurobolt can be supplied with a backup iron sight, or a raised sighting rib. The trigger of the Eurobolt is unusual; if it is pushed forward slightly, it acts the same as a set trigger, reducing the trigger pressure by 75%. This rifle is actually produced in Japan by Miroku, but it is sold mainly in Western Europe.

Twilight 2000 Notes: This rifle does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Eurobolt	6.5mm Swedish	3.2 kg	4	\$1175
Eurobolt	.270 Winchester	3.5 kg	4	\$1449
Eurobolt	7mm Remington Magnum	3.54 kg	3	\$1488
Eurobolt	7x64mm Brenneke	3.55 kg	4	\$1494
Eurobolt	.30-06 Springfield	3.76 kg	4	\$1701
Eurobolt	.300 Winchester Magnum	3.99 kg	3	\$2225

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Eurobolt (6.5mm)	BA	4	2-Nil	7	4	Nil	68
Eurobolt (.270)	BA	4	2-3-Nil	7	4	Nil	60
Eurobolt (7mm Magnum)	BA	4	1-2-3	7	4	Nil	75
Eurobolt (7x64mm)	BA	4	1-2-3	7	4	Nil	75
Eurobolt (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
Eurobolt (.300)	BA	5	2-3-Nil	7	4	Nil	78

**Browning European**

Notes: This is also a variation of the A-Bolt designed for the European market. It was introduced in 1992. At first, the European was introduced in four chamberings, but later plethora of different chamberings were added, and Magnum chamberings got a 26-inch barrel as opposed to the 22-inch barrel of standard chamberings. The European, in common with the A-Bolt, features a locking system that reduces the amount of bolt turning required to unlock the bolt, and the bolt is shaped differently than any other A-Bolt variant, being rounded at the rear. Like many latter-day Browning rifles, the European was actually manufactured by Miroku in Japan, but sold primarily in Western Europe. Production stopped in 2000.

Twilight 2000 Notes: Shipments of this rifle to FN/Browning stopped in about 1995, but Miroku continued manufacturing them for many years after the Twilight War, and they could eventually be found in many places in the Far East.

Weapon	Ammunition	Weight	Magazines	Price
European	.22-250 Remington	2.7 kg	4	\$911
European	.243 Winchester	2.86 kg	4	\$1066
European	.257 Roberts	3.02 kg	4	\$1230
European	6.5mm Swedish	3.04 kg	4	\$1250
European	7mm-08 Remington	3.12 kg	4	\$1335
European	.270 Winchester	3.2 kg	4	\$1524
European	7x64mm Brenneke	3.46 kg	4	\$1588
European	7.62mm NATO	3.37 kg	4	\$1496
European	.30-06 Springfield	3.63 kg	4	\$1776
European	.300 Winchester Magnum	3.93 kg	3	\$2422

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range

European (.22-250)	BA	3	1-Nil	6	3	Nil	65
European (.243)	BA	3	2-Nil	6	3	Nil	65
European (.257)	BA	3	2-Nil	7	4	Nil	64
European (6.5mm)	BA	4	2-Nil	7	4	Nil	68
European (7mm-08)	BA	4	2-3-Nil	7	4	Nil	77
European (.270)	BA	4	2-3-Nil	7	4	Nil	60
European (7x64mm)	BA	4	1-2-3	7	4	Nil	74
European (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
European (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
European (.300)	BA	5	1-2-3	8	4	Nil	100

**Browning FN-Sauer**

Notes: This is not a cooperation between Sauer and FN; it is a rifle based on the Sauer Model 80. One of the features of the FN-Sauer is its high hogsback stock; this makes it especially well-suited for use with a telescopic sight. The angle of the stock can also be adjusted by the use of spacers. The barrel is cold-forged for strength, and the metal parts of the rifle are deeply blued except for the highly-polished bolt. The trigger has a preset that is operated by pushing the trigger forward, taking up 75% of the trigger pressure. The trigger pressure itself is adjustable. The FN-Sauer is equipped with a Williams adjustable rear sight and a gold-colored front sight bead. Standard-caliber versions of the FN-Sauer have a barrel of 22 inches; magnum calibers use a 24-inch barrel. The stock has a thick recoil pad. This rifle was introduced in 1977, and production stopped in 1982.

Weapon	Ammunition	Weight	Magazines	Price
FN-Sauer	.270 Winchester	3.5 kg	4	\$1524
FN-Sauer	7x64mm Brenneke	3.5 kg	4	\$1569
FN-Sauer	7mm Remington Magnum	3.6 kg	4	\$1584
FN-Sauer	.30-06 Springfield	3.5 kg	4	\$1776
FN-Sauer	.300 Winchester Magnum	3.6 kg	4	\$2361

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
FN-Sauer (.270)	BA	4	2-3-Nil	7	4	Nil	60
FN-Sauer (7x64mm)	BA	4	1-2-3	7	4	Nil	75
FN-Sauer (7mm Magnum)	BA	4	1-2-3	7	4	Nil	86
FN-Sauer (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
FN-Sauer (.300)	BA	5	2-3-Nil	7	4	Nil	89

**Browning-Mauser High Power Safari**

Notes: The High Power Safari, despite its chamberings, is a Mauser-pattern rifle. Some say the recoil is manageable; others say it "beats the tar out of me." Today, their stocks tend to be rather beaten up from the stress of its loadings as well as general use; however, the guts are sound and the rifle can be expected to function, though they were built from 1960 to 1974. They can be had with a 22-inch (for non-magnums) or 24-inch barrel (for magnums), and a plethora of chamberings. It uses a semi-pistol grip, which is widely checkered. The fore-end is also checkered, but with normal checkering. The checkering is done by hand in either case. The stock has a Monte Carlo cheekpiece, and magnum chamberings have a recoil pad on the butt. External metalwork is blued, and today is subject to the same wear as the stock. They had a folding ladder-type rear sight (with a peep sight for when the rear sight is folded down).

Weapon	Ammunition	Weight	Magazines	Price
High Power Safari	.222 Remington	3.27 kg	5 Clip	\$771
High Power Safari	.22-250 Remington	3.37 kg	5 Clip	\$836
High Power Safari	.243 Winchester	3.6 kg	5 Clip	\$992
High Power Safari	.264 Winchester Magnum	3.96 kg	3 Clip	\$1087
High Power Safari	.270 Winchester	4.54 kg	5 Clip	\$1471
High Power Safari	7mm Remington Magnum	4.63 kg	3 Clip	\$1510
High Power Safari	7.62mm NATO	4.5 kg	5 Clip	\$1422
High Power Safari	.30-06 Springfield	4.87 kg	5	\$1703
			Clip	
High Power Safari	.300 Winchester Magnum	5.58 kg	3 Clip	\$2288
High Power Safari	.375 Weatherby Magnum	6.06 kg	3 Clip	\$3233

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
High Power Safari (.222)	BA	3	1-Nil	6	3	Nil	71
High Power Safari (.22-250)	BA	3	1-Nil	7	4	Nil	75

High Power Safari (.243)	BA	3	2-Nil	7	3	Nil	65
High Power Safari (.264 Magnum)	BA	3	1-2-Nil	7	3	Nil	68
High Power Safari (.270)	BA	4	2-3-Nil	7	4	Nil	69
High Power Safari (7mm Magnum)	BA	4	1-2-3	7	4	Nil	86
High Power Safari (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
High Power Safari (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
High Power Safari (.300 Magnum)	BA	5	1-2-3	8	4	Nil	89
High Power Safari (.375 Magnum)	BA	7	1-3-5	8	5	Nil	99

**Browning-Mauser Sporting Rifle**

Notes: This is not, as the name would seem to indicate, a cooperation between FN-Browning and Mauser. It is, instead, a Mauser-pattern rifle built by FN-Browning starting in the late 1950s. The trigger is a simplified pattern inspired by the Winchester Model 70. Most rifles have a barrel length of 22 inches; magnum-firing weapons use 24-inch barrels and have a recoil pad. These weapons were in production until 1974.

Weapon	Ammunition	Weight	Magazines	Price
Browning-Mauser	.243 Winchester	3.22 kg	5 Internal	\$1001
Browning-Mauser	.264 Winchester Magnum	3.69 kg	5 Internal	\$1363
Browning-Mauser	7mm Remington Magnum	3.85 kg	5 Internal	\$1522
Browning-Mauser	.300 H&H Magnum	4.46 kg	5 Internal	\$2437
Browning-Mauser	.30-06 Springfield	4.01 kg	5 Internal	\$1715
Browning-Mauser	7.62mm NATO	3.75 kg	5 Internal	\$1433
Browning-Mauser	.308 Norma Magnum	4.14 kg	5 Internal	\$1777
Browning-Mauser	.338 Winchester Magnum	4.57 kg	5 Internal	\$2524
Browning-Mauser	.375 H&H Magnum	5.18 kg	5 Internal	\$3251
Browning-Mauser	.458 Winchester Magnum	5.76 kg	5 Internal	\$4016

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Browning-Mauser (.243)	BA	3	2-Nil	7	3	Nil	65
Browning-Mauser (.264 Magnum)	BA	4	1-2-3	7	3	Nil	79
Browning-Mauser (7mm Magnum)	BA	4	1-2-3	7	3	Nil	86
Browning-Mauser (.300 H&H)	BA	5	1-2-3	8	4	Nil	82
Browning-Mauser (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
Browning-Mauser (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
Browning-Mauser (.308 Magnum)	BA	5	1-2-3	8	3	Nil	91
Browning-Mauser (.338 Magnum)	BA	6	1-3-Nil	8	4	Nil	103
Browning-Mauser (.375 H&H)	BA	7	1-3-5	8	4	Nil	99
Browning-Mauser (.458 Magnum)	BA	8	1-3-5	9	4	Nil	108

**Browning T-Bolt**

Notes: This small-caliber rifle, produced between 1965 and 1974, is a straight-pull rimfire bolt-action rifle. The top of the receiver is grooved for a scope mount. The magazine can accept only .22 Long Rifle rounds, but .22 Short or .22 Long rounds can be fired from the T-Bolt if the weapon is loaded with them from the breech, one at a time. This rifle was never really successful financially, and was replaced by the Browning A-Bolt .22.

However, the T-Bolt was resurrected in the early 2000s as the T-Bolt Sporter, this time featuring a unique double-helix magazine that allows for greater magazine capacity in the same space. The standard stalk is walnut, but a Composite Sporter also exists with a synthetic stock and a Sporter Digital Green with a synthetic stock and camouflage pattern; both are identical for game purposes, and all three shoot the same for game purposes. There are several new variations, including a Target/Varmint version with a heavier barrel and a walnut stock, a Composite Target/Varmint version with a black synthetic stock, and a Digital Green version of the Composite Target/Varmint (which are actually heavier than the wood-stocked versions; they both shoot the same as the standard Target/Varmint). Barrels are 22 inches, and left-handed versions are also made. Newer rimfire chamberings are also available.

Twilight 2000 Notes: The new T-Bolts are not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
T-Bolt	.22 Long Rifle (and .22 Short and Long – see text)	2.49 kg	5 (or see text)	\$304
T-Bolt Sporter	.22 Long Rifle	2.21 kg	8	\$284
T-Bolt Sporter	.22 Winchester Magnum Rimfire	2.21 kg	8	\$315

T-Bolt Sporter	.17 Hornady Magnum Rimfire	2.21 kg	8	\$432
T-Bolt Composite Sporter	.22 Long Rifle	2.15 kg	8	\$291
T-Bolt Composite Sporter	.22 Winchester Magnum Rimfire	2.15 kg	8	\$323
T-Bolt Composite Sporter	.17 Hornady Magnum Rimfire	2.15 kg	8	\$443
T-Bolt Target/Varmint	.22 Long Rifle	2.49 kg	8	\$290
T-Bolt Target/Varmint	.22 Winchester Magnum Rimfire	2.49 kg	8	\$321
T-Bolt Target/Varmint	.17 Hornady Magnum Rimfire	2.49 kg	8	\$438
T-Bolt Composite Target/Varmint	.22 Long Rifle	2.64 kg	8	\$297
T-Bolt Composite Target/Varmint	.22 Winchester Magnum Rimfire	2.64 kg	8	\$328
T-Bolt Composite Target/Varmint	.17 Hornady Magnum Rimfire	2.64 kg	8	\$448

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T-Bolt (.22 Long Rifle)	BA	1	Nil	6	1	Nil	53
T-Bolt (.22 Long)	SS	1	Nil	6	1	Nil	49
T-Bolt (.22 Short)	SS	-2	Nil	6	1	Nil	43
T-Bolt Sporter (.22 Long Rifle)	BA	1	Nil	5	1	Nil	49
T-Bolt Sporter (.22 Magnum)	BA	1	Nil	5	1	Nil	63
T-Bolt Sporter (.17)	BA	2	1-Nil	5	2	Nil	76
T-Bolt Target/Varmint (.22 Long Rifle)	BA	1	Nil	5	1	Nil	50
T-Bolt Target/Varmint (.22 Magnum)	BA	1	Nil	5	1	Nil	65
T-Bolt Target/Varmint (.17)	BA	2	1-Nil	5	2	Nil	78

**Browning X-Bolt**

Notes: Though FN Browning says that the “X-Bolt” moniker results from the apparent shape of the bolt when viewed from just the right angle, its just as likely that “X-Bolt” was chosen for marketing reasons – it has a snappy ring. In many ways the X-Bolt is like a heavily-upgraded A-Bolt. Features include the Feather Trigger, which is factory-set at 3.5 pounds of pressure and operator-adjustable from 3-5 pounds of pressure; it also keeps its pull weight regardless of how many times the trigger is pulled. The receiver is drilled and tapped in no less than eight places, allowing a great flexibility in positioning and the type of optics mounts used. The X-Bolt has not only a conventional manual safety, it also has a bolt-unlock button that allows the rifle to be loaded and unloaded (or the bolt the bolt to be simply pulled back) while the X-Bolt is on safe. The bolt has a short, 60-degree lift, and has three beefy locking lugs and smooth operation. The barrel is free-floating and has a recessed target crown to protect the muzzle. The butt has an Inflex Technology recoil pad, and the magazine is rotary, removable, and made of polymer.

The base member of the X-Bolt line is the X-Bolt Hunter. The stock is of walnut with a satin weatherproof finish, with checkering on the pistol grip wrist and fore-end. The Hunter has sling swivels, and the metalwork is satin blued. A plethora of chamberings are available; depending on the chambering, the barrel length may be 22, 23, 24, or 26 inches. (For 2013, the chambering of .375 H&H Magnum was added.) The X-Bolt Medallion is basically the same, but a little more fancy; it has a gloss-finish stock and gloss bluing, and the front of the fore-end and the pistol grip wrist cap are of rosewood. The X-Bolt Micro Hunter is designed for shooters who are smaller of stature; the length of pull is shorter, only short-action cartridges are used, and barrels are either 20 or 22 inches, depending on chambering.

The X-Bolt Stainless Stalker is also very similar to the Hunter, but differs in several aspects. The stock is of black composites, meaning the rifle is lighter than its Hunter counterpart; the pistol grip wrist and fore-end are textured for gripping, and the fore-end has a slight palm swell. The metalwork is stainless steel, with a matte stainless finish. The Composite Stalker is the same except for its matte blued metalwork. The Varmint Stalker is similar in many ways to the Stainless Stalker, but the metalwork is matte blued, and the barrel is a heavy barrel. Chamberings are also quite limited; the barrels are all 24 inches except for .22-250 Remington, which is 26 inches, and the Varmint Stalker is considerably heavier than its counterparts.

Special editions include the RMEF (Rocky Mountain Elk Hunting association) X-Bolt Special Hunter; it is basically a Hunter chambered in .325 Winchester Short Magnum, with special markings, higher-quality walnut and finish, a rosewood fore-end and pistol grip wrist cap, and a cheek swell (a Monte Carlo-type stock). There is also a bit of a weight difference, but the barrel is the same as the Hunter at 23 inches. The RMEF Special Gold is the same, but with a matte stainless steel finish on the metalwork.

The Micro Midas is designed for youth, women, and smaller shooters. It has a shorter LOP and a shorter barrel, and is much lighter than the standard X-Bolt. The magazine, however, is a bit smaller, though still a detachable rotary magazine. The 20-inch barrel (22 inches on magnum calibers) is free-floating and of medium profile. The trigger is adjustable for pull weight, from 3-5 pounds, and factory-set at 3.5 pounds; the trigger housing is alloy and the internal parts are chromed steel. The trigger itself is gold-plated. The top-tang safety is beside the chamber-loaded indicator. There is a bolt unlocker, allowing the bolt to be cycled with the safety engaged. The safety blocks the firing pin and trigger sear. It does not have a Picatinny rail as is found on so many rifles these days, but is drilled and tapped for scope mounts. Metalwork is finished in black Cerecote, and the stock is Grade I satin-finished walnut.

Twilight 2000 Notes: The X-Bolt series does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
X-Bolt Hunter	5.56mm NATO	2.89 kg	5	\$873
X-Bolt Hunter	.22-250 Remington	2.89 kg	5	\$919



X-Bolt Hunter	.243 Winchester	2.95 kg	5	\$1074
X-Bolt Hunter	.25-06 Remington	3.12 kg	5	\$1365
X-Bolt Hunter	7mm-08 Remington	2.95 kg	5	\$1342
X-Bolt Hunter	7mm Remington Magnum	3.18 kg	5	\$1613
X-Bolt Hunter	7mm Winchester Short Magnum	3.03 kg	5	\$1383
X-Bolt Hunter	.270 Winchester	3.06 kg	5	\$1543
X-Bolt Hunter	.270 Winchester Short Magnum	3.18 kg	5	\$1334
X-Bolt Hunter	.280 Remington	3.06 kg	5	\$1591
X-Bolt Hunter	7.62mm NATO	2.95 kg	5	\$1504
X-Bolt Hunter	.30-06 Springfield	3.06 kg	5	\$1784
X-Bolt Hunter	.300 Winchester Magnum	3.18 kg	5	\$2450
X-Bolt Hunter	.300 Winchester Short Magnum	3.18 kg	5	\$1567
X-Bolt Hunter	.325 Winchester Short Magnum	3.03 kg	5	\$1689
X-Bolt Hunter	.338 Winchester Magnum	3.18 kg	5	\$2671
X-Bolt Hunter	.375 H&H Magnum	3.18 kg	5	\$3394
X-Bolt Micro Hunter	.22-250 Remington	2.69 kg	5	\$898
X-Bolt Micro Hunter	.243 Winchester	2.78 kg	5	\$1053
X-Bolt Micro Hunter	7mm-08 Remington	2.78 kg	5	\$1321
X-Bolt Micro Hunter	7mm Winchester Short Magnum	2.92 kg	5	\$1372
X-Bolt Micro Hunter	.270 Winchester Short Magnum	2.92 kg	5	\$1323
X-Bolt Micro Hunter	7.62mm NATO	2.78 kg	5	\$1483
X-Bolt Micro Hunter	.300 Winchester Short Magnum	2.92 kg	5	\$1557
X-Bolt Micro Hunter	.325 Winchester Short Magnum	2.92 kg	5	\$1679
X-Bolt Stainless Stalker	5.56mm NATO	2.81 kg	5	\$884
X-Bolt Stainless Stalker	.22-250 Remington	2.81 kg	5	\$931
X-Bolt Stainless Stalker	.243 Winchester	2.86 kg	5	\$1088
X-Bolt Stainless Stalker	.25-06 Remington	3.03 kg	5	\$1383
X-Bolt Stainless Stalker	7mm-08 Remington	2.86 kg	5	\$1356
X-Bolt Stainless Stalker	7mm Remington Magnum	3.09 kg	5	\$1630
X-Bolt Stainless Stalker	7mm Winchester Short Magnum	2.95 kg	5	\$1397
X-Bolt Stainless Stalker	.270 Winchester	3.06 kg	5	\$1559
X-Bolt Stainless Stalker	.270 Winchester Short Magnum	2.95 kg	5	\$1397
X-Bolt Stainless Stalker	.280 Remington	3.06 kg	5	\$1607
X-Bolt Stainless Stalker	7.62mm NATO	2.95 kg	5	\$1520
X-Bolt Stainless Stalker	.30-06 Springfield	3.06 kg	5	\$1802
X-Bolt Stainless Stalker	.300 Winchester Magnum	2.95 kg	5	\$2475
X-Bolt Stainless Stalker	.300 Winchester Short Magnum	3.09 kg	5	\$1583
X-Bolt Stainless Stalker	.325 Winchester Short Magnum	2.95 kg	5	\$1706
X-Bolt Stainless Stalker	.338 Winchester Magnum	3.09 kg	5	\$2698
X-Bolt Varmint Stalker	5.56mm NATO	3.6 kg	5	\$909
X-Bolt Varmint Stalker	.22-250 Remington	3.69 kg	5	\$977
X-Bolt Varmint Stalker	.243 Winchester	3.66 kg	5	\$1111
X-Bolt Varmint Stalker	7.62mm NATO	3.66 kg	5	\$1543
X-Bolt RMEF Special Hunter	.325 Winchester Short Magnum	3.26 kg	5	\$1689
X-Bolt Micro Midas	.22-250 Remington	2.75 kg	4	\$898
X-Bolt Micro Midas	.243 Winchester	2.75 kg	4	\$1053
X-Bolt Micro Midas	7mm-08 Remington	2.75 kg	4	\$1321
X-Bolt Micro Midas	7.62mm NATO	2.75 kg	4	\$1483
X-Bolt Micro Midas	.270 Winchester Short Magnum	2.89 kg	4	\$1323
X-Bolt Micro Midas	.300 Winchester Short Magnum	2.89 kg	4	\$1557

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
X-Bolt Hunter (5.56mm)	BA	3	1-Nil	6	3	Nil	72
X-Bolt Hunter (.22-250)	BA	3	1-Nil	6	3	Nil	68
X-Bolt Hunter (.243)	BA	3	2-Nil	7	3	Nil	69
X-Bolt Hunter (.25-06)	BA	4	1-2-3	7	4	Nil	82
X-Bolt Hunter (7mm-08)	BA	4	2-3-Nil	7	4	Nil	81
X-Bolt Hunter (7mm Magnum)	BA	4	1-2-3	8	4	Nil	102
X-Bolt Hunter (7mm Short Magnum)	BA	4	1-2-3	7	4	Nil	101
X-Bolt Hunter (.270)	BA	4	2-3-Nil	7	4	Nil	68



X-Bolt Hunter (.270 Short Magnum)	BA	4	1-2-3	7	4	Nil	98
X-Bolt Hunter (.280)	BA	4	2-3-Nil	7	4	Nil	65
X-Bolt Hunter (7.62mm)	BA	4	2-3-Nil	7	4	Nil	83
X-Bolt Hunter (.30-06)	BA	4	2-3-Nil	7	4	Nil	72
X-Bolt Hunter (.300 Magnum)	BA	5	1-2-3	8	4	Nil	106
X-Bolt Hunter (.300 Short Magnum)	BA	5	1-2-3	7	4	Nil	106
X-Bolt Hunter (.325 Short Magnum)	BA	5	1-2-3	7	4	Nil	106
X-Bolt Hunter (.338 Magnum)	BA	6	1-3-Nil	8	5	Nil	121
X-Bolt Hunter (.375 H&H Magnum)	BA	7	1-3-5	8	5	Nil	130
X-Bolt Micro Hunter (.22-250)	BA	3	1-Nil	6	3	Nil	59
X-Bolt Micro Hunter (.243)	BA	3	2-Nil	6	3	Nil	60
X-Bolt Micro Hunter (7mm-08)	BA	4	2-3-Nil	6	4	Nil	70
X-Bolt Micro Hunter (7mm Short Magnum)	BA	4	1-2-3	7	4	Nil	94
X-Bolt Micro Hunter (.270 Short Magnum)	BA	4	1-2-3	7	4	Nil	92
X-Bolt Micro Hunter (7.62mm)	BA	4	2-3-Nil	7	4	Nil	72
X-Bolt Micro Hunter (.300 Short Magnum)	BA	5	1-2-3	7	4	Nil	100
X-Bolt Micro Hunter (.325 Short Magnum)	BA	5	1-2-3	7	4	Nil	100
X-Bolt Varmint Stalker (5.56mm)	BA	3	1-Nil	7	2	Nil	80
X-Bolt Varmint Stalker (.22-250)	BA	3	2-Nil	7	2	Nil	84
X-Bolt Varmint Stalker (.243)	BA	3	2-Nil	7	3	Nil	80
X-Bolt Varmint Stalker (7.62mm)	BA	4	2-3-Nil	7	4	Nil	96
X-Bolt RMEF Special Hunter	BA	5	1-2-3	7	4	Nil	106
X-Bolt Micro Midas (.22-250)	BA	3	1-Nil	6	3	Nil	59
X-Bolt Micro Midas (.243)	BA	3	2-Nil	6	3	Nil	60
X-Bolt Micro Midas (7mm-08)	BA	4	2-3-Nil	6	4	Nil	70
X-Bolt Micro Midas (7.62mm)	BA	4	2-3-Nil	7	4	Nil	72
X-Bolt Micro Midas (.270 WSM)	BA	4	1-2-3	7	4	Nil	92
X-Bolt Micro Midas (.300 WSM)	BA	5	1-2-3	7	4	Nil	100

FN Patrol Bolt Rifle

Notes: This is sort of a surrogate sniper rifle – a weapon designed for law-enforcement needs for emergency counter-sniping and long-range shooting, but not meant to be a dedicated sniper rifle. It is, basically, a very-well-built bolt-action rifle, with a medium-weight floating barrel, MIL-STD-193 rail, and precision sights. It comes in a variety of barrel-lengths.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
FN PBR (18” Barrel)	7.62mm NATO	3.98 kg	4	\$1399
FN PBR (20” Barrel)	7.62mm NATO	4.08 kg	4	\$1420
FN PBR (22” Barrel)	7.62mm NATO	4.19 kg	4	\$1441
FN PBR (24” Barrel)	7.62mm NATO	4.29 kg	4	\$1462

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
FN PBR (18”)	BA	4	2-3-Nil	6	4	Nil	61
FN PBR (20”)	BA	4	2-3-Nil	6	4	Nil	71
FN PBR (22”)	BA	4	2-3-Nil	7	4	Nil	82
FN PBR (24”)	BA	4	2-3-Nil	7	4	Nil	93

Armalon PC

Notes: The Armalon PC (Pistol Carbine) began production in 1997. It is an extensive modification of the Lee-Enfield No. 4 action, firing pistol ammunition.

In appearance, the Armalon PC looks very much like the De Lisle carbine without a silencer. Internally, the bolt-stroke length is greatly reduced, the ejector was replaced with one more appropriate to the cartridges, the ejection port is of a size more suited to the cartridges, and the striker mechanism is of a reversed cock-on-opening design. Barrels are 16 inches long. Both wooden and synthetic furniture is available, but the fore-end is shortened and widened. The rear sight is a new folding-leaf design and the front sight is that of the original Lee-Enfield; a version with a MIL-STD-1913 rail is also available. The Armalon PC uses modified Bernardelli pistol magazines (which won't actually fit in a Bernardelli pistol), except for .38 Special. .357 Magnum, and .50 Action Express versions; these use modified Desert Eagle magazines (which, again, will not fit in a Desert Eagle).

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Armalon PC	9mm Parabellum	3.76 kg	10, 16	\$311
Armalon PC	.357 Magnum	3.91 kg	10, 16	\$405
Armalon PC	.38 Special	3.87 kg	10, 16	\$383
Armalon PC	10mm Colt	3.84 kg	10, 14	\$397
Armalon PC	.40 Smith & Wesson	3.76 kg	10, 14	\$367
Armalon PC	.45 ACP	3.85 kg	7, 10, 12	\$431
Armalon PC	.50 Action Express	4.11 kg	7, 10	\$617

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Armalon PC (9mm)	BA	2	1-Nil	4	1	Nil	39
Armalon PC (.357)	BA	3	1-Nil	5	2	Nil	49
Armalon PC (.38)	BA	2	1-Nil	5	2	Nil	47
Armalon PC (10mm)	BA	2	1-Nil	5	2	Nil	52
Armalon PC (.40)	BA	2	1-Nil	5	2	Nil	49
Armalon PC (.45)	BA	2	1-Nil	5	2	Nil	42
Armalon PC (.50)	BA	5	1-2-Nil	5	3	Nil	58

BSA CF-2 Rifle

Notes: This is a British-made, bolt-action hunting rifle. The CF-2 is representative of British sporting arms industry. It features an extended forestock and an optional set trigger. The CF-2 is available in 12 calibers. By the time of the Twilight War, the Birmingham Small Arms company had not produced any standard small arms in over a decade, as they got out of that business in the mid-1980s to concentrate on air rifles, which were more easily sold under the restrictive British firearms laws.

There were a number of variants of the basic CF-2. The CF-2 Carbine was a version with a shorter 20.6-inch barrel (as opposed to the 23.6-inch barrel of the standard CF-2 rifle); it was never popular and was built only in small numbers. The CF-2 Classic was a version of the standard CF-2 with oil-rubbed finish, a distinctive angular bolt plug, a straight-comb buttstock, and a rounded fore-end tip. It is identical to the standard CF-2 for game purposes. The CF-2 Heavy Barrel (also called the CF-2 Varmint) has a heavy 24-inch barrel, but is otherwise identical to the standard CF-2. The CF-2 Stutzen has a heavy 20.6-inch barrel and a full-length stock with a separate Schnabel fore-end tip. It also lacks the white spacers and high-gloss finish of the basic CF-2. The CF-2 Target (also known as the CFT) was designed specifically for competition; it has a match-quality 26.5-inch barrel, single-shot action (no magazine) competition-type aperture optical sight, a solid-rubber buttplate adjustable with spacers, a stock with a high cheekpiece, and a front tunnel sight which is adjustable and can be interchanged with five other front sights. The fore-end has a rail for a hand stop or counterweights, and the receiver is drilled and tapped for telescopic or even electro-optical sights. A CF-2 Target was also developed with a 4-round box magazine; this version has special mounting hardware allowing for conventional scope mounts or mounts like the Weaver or MIL-STD-1913 rails. It was built for competition in the British Army Sniper Rifle trials of the 1980s, but was not chosen, and therefore few examples were ever built. A scope comes standard with this version.

Weapon	Ammunition	Weight	Magazines	Price
CF-2	.222 Remington	3.4 kg	5	\$787
CF-2	5.56mm NATO	3.42 kg	5	\$806
CF-2	.22-250 Remington	3.43 kg	5	\$853
CF-2	.243 Winchester	3.45 kg	5	\$1008
CF-2	6.5mm Swedish Mauser	3.46 kg	5	\$1191
CF-2	7mm Mauser	3.48 kg	5	\$1375
CF-2	7x64mm Brenneke	3.5 kg	4	\$1500
CF-2	7mm Remington Magnum	3.51 kg	4	\$1505
CF-2	7.62mm NATO	3.53 kg	4	\$1437
CF-2	.30-06 Springfield	3.55 kg	4	\$1718
CF-2	.300 Winchester Magnum	3.6 kg	3	\$2274

CF-2 Carbine	.222 Remington	3.33 kg	5	\$757
CF-2 Carbine	5.56mm NATO	3.35 kg	5	\$775
CF-2 Carbine	.22-250 Remington	3.36 kg	5	\$822
CF-2 Carbine	.243 Winchester	3.38 kg	5	\$977
CF-2 Carbine	6.5mm Swedish Mauser	3.39 kg	5	\$1161
CF-2 Carbine	7mm Mauser	3.41 kg	5	\$1345
CF-2 Carbine	7x64mm Brenneke	3.43 kg	4	\$1479
CF-2 Carbine	7.62mm NATO	3.46 kg	4	\$1407
CF-2 Carbine	.30-06 Springfield	3.48 kg	4	\$1687
CF-2 Heavy Barrel	.222 Remington	4.08 kg	5	\$798
CF-2 Heavy Barrel	5.56mm NATO	4.1 kg	5	\$816
CF-2 Heavy Barrel	.22-250 Remington	4.12 kg	5	\$863
CF-2 Heavy Barrel	.243 Winchester	4.14 kg	5	\$1018
CF-2 Heavy Barrel	6.5mm Swedish Mauser	4.15 kg	5	\$1202
CF-2 Heavy Barrel	7mm Mauser	4.18 kg	5	\$1386
CF-2 Heavy Barrel	7x64mm Brenneke	4.2 kg	4	\$1520
CF-2 Heavy Barrel	7mm Remington Magnum	4.21 kg	4	\$1515
CF-2 Heavy Barrel	7.62mm NATO	4.24 kg	4	\$1447
CF-2 Heavy Barrel	.30-06 Springfield	4.26 kg	4	\$1728
CF-2 Heavy Barrel	.300 Winchester Magnum	4.32 kg	3	\$2305
CF-2 Stutzen	.222 Remington	3.54 kg	5	\$762
CF-2 Stutzen	5.56mm NATO	3.56 kg	5	\$781
CF-2 Stutzen	.22-250 Remington	3.57 kg	5	\$826
CF-2 Stutzen	.243 Winchester	3.59 kg	5	\$982
CF-2 Stutzen	6.5mm Swedish Mauser	3.6 kg	5	\$1119
CF-2 Stutzen	7mm Mauser	3.62 kg	5	\$1350
CF-2 Stutzen	7x64mm Brenneke	3.64 kg	4	\$1485
CF-2 Stutzen	7.62mm NATO	3.67 kg	4	\$1412
CF-2 Stutzen	.30-06 Springfield	3.69 kg	4	\$1692
CF-2 Target	7.62mm NATO	4.92 kg	1 Internal	\$1042
CF-2 Sniper	7.62mm NATO	4.03 kg	4	\$1771

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CF-2 (.222)	BA	3	1-Nil	7	3	Nil	77
CF-2 (5.56mm)	BA	3	1-Nil	7	3	Nil	75
CF-2 (.22-250)	BA	3	1-Nil	7	3	Nil	72
CF-2 (.243)	BA	3	2-Nil	7	3	Nil	73
CF-2 (6.5mm)	BA	4	2-Nil	7	4	Nil	75
CF-2 (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	78
CF-2 (7x64mm)	BA	4	1-2-3	7	4	Nil	84
CF-2 (7mm Magnum)	BA	4	1-2-3	7	4	Nil	84
CF-2 (7.62mm)	BA	4	2-3-Nil	7	4	Nil	87
CF-2 (.30-06)	BA	4	2-3-Nil	7	5	Nil	76
CF-2 (.300)	BA	5	2-3-Nil	7	5	Nil	87
CF-2 Carbine (.222)	BA	3	1-Nil	6	3	Nil	66
CF-2 Carbine (5.56mm)	BA	3	1-Nil	6	3	Nil	63
CF-2 Carbine (.22-250)	BA	3	1-Nil	6	3	Nil	59
CF-2 Carbine (.243)	BA	3	2-Nil	6	3	Nil	59
CF-2 Carbine (6.5mm)	BA	3	2-Nil	7	4	Nil	61
CF-2 Carbine (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	64
CF-2 Carbine (7x64mm)	BA	4	1-2-3	7	4	Nil	68
CF-2 Carbine (7.62mm)	BA	4	2-3-Nil	7	4	Nil	71
CF-2 Carbine (.30-06)	BA	4	2-3-Nil	7	5	Nil	62
CF-2 Heavy Barrel (.222)	BA	3	1-Nil	7	3	Nil	80
CF-2 Heavy Barrel (5.56mm)	BA	3	1-Nil	7	3	Nil	78
CF-2 Heavy Barrel (.22-250)	BA	3	1-Nil	7	3	Nil	75
CF-2 Heavy Barrel (.243)	BA	3	2-Nil	7	3	Nil	77
CF-2 Heavy Barrel (6.5mm)	BA	4	2-Nil	7	4	Nil	80
CF-2 Heavy Barrel (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	83

CF-2 Heavy Barrel (7x64mm)	BA	4	1-2-3	7	4	Nil	89
CF-2 Heavy Barrel (7mm Magnum)	BA	4	1-2-3	7	4	Nil	89
CF-2 Heavy Barrel (7.62mm)	BA	4	2-3-Nil	7	4	Nil	93
CF-2 Heavy Barrel (.30-06)	BA	4	2-3-Nil	7	4	Nil	81
CF-2 Heavy Barrel (.300)	BA	5	2-3-Nil	7	4	Nil	93
CF-2 Stutzen (.222)	BA	3	1-Nil	6	3	Nil	68
CF-2 Stutzen (5.56mm)	BA	3	1-Nil	6	3	Nil	66
CF-2 Stutzen (.22-250)	BA	3	1-Nil	6	3	Nil	61
CF-2 Stutzen (.243)	BA	3	2-Nil	6	3	Nil	62
CF-2 Stutzen (6.5mm)	BA	3	2-Nil	6	4	Nil	67
CF-2 Stutzen (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	66
CF-2 Stutzen (7x64mm)	BA	4	1-2-3	7	4	Nil	70
CF-2 Stutzen (7.62mm)	BA	4	2-3-Nil	7	4	Nil	74
CF-2 Stutzen (.30-06)	BA	4	2-3-Nil	7	4	Nil	64
CF-2 Target	BA	4	2-3-Nil	7	4	Nil	106
CF-2 Sniper	BA	4	2-3-Nil	7	4	Nil	106

BSA Royal Series

Notes: Also known as the Hunter, the Royal Sporting Rifle was one of the first of BSA’s first non-rimfire designs. Though it was produced for only 5 short years in the mid-to-late 1950s, it appeared in a plethora of models, firing different cartridges and with several different weights. The Royal Sporting Rifle had dovetails for a scope mount, a low Monte Carlo comb, and a raised cheekpiece on the stock.

There were three models of the Royal. Short-action models (.22 Hornet and .222 Remington) had the basic features of the Royal, including a low Monte Carlo stock with a raised cheekpiece, a checkered pistol grip wrist, and a checkered fore-end. The metalwork is of natural-finish steel with a 24-inch barrel. They were not drilled and tapped for a scope mount, but had a folding-leaf rear sight.

Medium-length action models (.243 Winchester, .257 Roberts, 7mm Mauser, .300 Savage, 7.62mm NATO) were introduced in 1956, and were ported to help fight recoil. The bolt was strengthened with the help of a guide rib. The medium-length action versions were drilled and tapped for a scope. The fore-end had a Schnabel tip instead of a plain round tip like the short-action model.

Long-action models (.270 Winchester, .30-06 Springfield, .458 Winchester Magnum) were virtually the same as the medium-length action models, except for changes in the chamber and barrel to help positively lock the bolt when firing. In fact, they were virtually identical to the medium-length actions, except that the barrel was counter-bored to take the entire bolt head. The .458 Magnum version, also known as the Royal Big Game, had additional strengthening of the bolt and receiver, as well as a recoil bolt through the stock.

The Royal Featherweight was a light variant of the Royal. This version included a lightened 22-inch barrel which was ported with Besa-style porting and counterbored. The left side of the receiver wall was reduced somewhat in thickness to further save weight. They came only in short and long-action versions, with restricted chamberings.

The Royal was replaced in production by the Majestic in late 1959, though assembly of the Royal continued until 1960 from remaining parts. The Majestic was virtually identical to the Royal, and remained in production until 1965 when it was replaced by the Monarch series. Changes include a small extractor and a plunger-type ejector, a chamber-loaded indicator, and a crisper trigger. The drilling and tapping was also supplemented with dovetail scope mounts. There were four basic models: the standard Viscount, the basic Majestic; the Imperial, the long-action model; the Featherweight, firing small and medium-caliber rounds, and ported to help reduce recoil; and the Regent, the short-action model.

The Monarch was essentially an improved and modified Majestic; changes included a switch-type safety on the right side of the receiver behind the bolt handle, a simplified trigger mechanism, and a more reliable feed for the magazine. As the somewhat artificial distinction between the medium and long-actions had been eliminated in the Majestic in 1961, the Monarch was sold only in long and short-action types. The dovetailed extra scope mounts were also removed on the Monarch. The Monarch was replaced by the CF-2 series in 1974.

The furniture of the Monarch remained basically the same as that of the Royal and Majestic. The barrel length was reduced to 22 inches (though it was a heavy barrel), and the leaf sights were adjusted accordingly. Barrel porting was also eliminated. Most chamberings remained the same, though some were eliminated and others added. A variant of the Monarch, the Monarch Varmint, was built starting in 1967; this model used a 24-inch heavy barrel, had no iron sights, and was chambered only for two cartridges.

Weapon	Ammunition	Weight	Magazines	Price
Royal	.22 Hornet	3.25 kg	4 Internal	\$701
Royal	.222 Remington	3.42 kg	4 Internal	\$797
Royal	.243 Winchester	3.95 kg	4 Internal	\$1068
Royal	.257 Roberts	3.97 kg	4 Internal	\$1232
Royal	.270 Winchester	4.23 kg	4 Internal	\$1501
Royal	7mm Mauser	4.05 kg	4 Internal	\$1436
Royal	.300 Savage	3.7 kg	4 Internal	\$1416

Royal	7.62mm NATO	4.2 kg	4 Internal	\$1498
Royal	.30-06 Springfield	4.29 kg	4 Internal	\$1779
Royal Big Game	.458 Winchester Magnum	7.22 kg	4 Internal	\$4049
Royal Featherweight	.222 Remington	3.24 kg	4 Internal	\$799
Royal Featherweight	.243 Winchester	3.75 kg	4 Internal	\$1020
Royal Featherweight	.270 Winchester	4.02 kg	4 Internal	\$1478
Royal Featherweight	.30-06 Springfield	4.08 kg	4 Internal	\$1730
Majestic Viscount	.243 Winchester	3.42 kg	4 Internal	\$995
Majestic Viscount	7.62mm NATO	4.05 kg	4 Internal	\$1427
Majestic Imperial	.270 Winchester	3.78 kg	4 Internal	\$1456
Majestic Imperial	.30-06 Springfield	4.07 kg	4 Internal	\$1709
Majestic Imperial	.458 Winchester Magnum	6.64 kg	4 Internal	\$3945
Majestic Featherweight	.222 Remington	2.42 kg	4 Internal	\$825
Majestic Featherweight	.243 Winchester	2.74 kg	4 Internal	\$1046
Majestic Featherweight	7.62mm NATO	3.24 kg	4 Internal	\$1478
Majestic Featherweight	.270 Winchester	3.02 kg	4 Internal	\$1506
Majestic Featherweight	.30-06 Springfield	3.26 kg	4 Internal	\$1759
Majestic Regent	.22 Hornet	2.95 kg	3 Internal	\$676
Majestic Regent	.222 Remington	3.33 kg	3 Internal	\$774
Monarch	.222 Remington	2.92 kg	4 Internal	\$777
Monarch	.243 Winchester	3.24 kg	4 Internal	\$998
Monarch	7.62mm NATO	4.04 kg	4 Internal	\$1428
Monarch	.257 Roberts	3.25 kg	4 Internal	\$1161
Monarch	.270 Winchester	3.68 kg	4 Internal	\$1456
Monarch	7mm Remington Magnum	3.52 kg	4 Internal	\$1495
Monarch	.300 Winchester Magnum	4.09 kg	4 Internal	\$2244
Monarch	.30-06 Springfield	4.05 kg	4 Internal	\$1708
Monarch Varmint	.222 Remington	3.76 kg	4 Internal	\$798
Monarch Varmint	.243 Winchester	4.08 kg	4 Internal	\$1018

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Royal (.22)	BA	3	1-Nil	6	3	Nil	78
Royal (.222)	BA	3	1-Nil	7	3	Nil	78
Royal (.243)	BA	3	2-Nil	7	3	Nil	74
Royal (.257)	BA	4	2-Nil	7	4	Nil	73
Royal (.270)	BA	4	2-3-Nil	8	4	Nil	69
Royal (7mm)	BA	4	2-3-Nil	7	4	Nil	80
Royal (.300)	BA	4	2-3-Nil	7	4	Nil	88
Royal (7.62mm)	BA	4	2-3-Nil	7	4	Nil	89
Royal (.30-06)	BA	4	2-3-Nil	8	4	Nil	78
Royal Big Game (.458)	BA	8	1-3-5	9	4	Nil	108
Royal Featherweight (.222)	BA	3	1-Nil	7	3	Nil	71
Royal Featherweight (.243)	BA	3	2-Nil	7	3	Nil	65
Royal Featherweight (.270)	BA	4	2-3-Nil	7	4	Nil	60
Royal Featherweight (.30-06)	BA	4	2-3-Nil	7	4	Nil	67
Majestic Viscount (.243)	BA	3	1-Nil	6	3	Nil	71
Majestic Viscount (7.62mm)	BA	3	2-Nil	7	3	Nil	65
Majestic Imperial (.270)	BA	4	2-3-Nil	7	4	Nil	79
Majestic Imperial (.30-06)	BA	3	2-Nil	7	4	Nil	64
Majestic Imperial (.458)	BA	4	2-3-Nil	7	4	Nil	60
Majestic Featherweight (.222)	BA	4	1-2-3	7	4	Nil	75
Majestic Featherweight (.243)	BA	5	2-3-Nil	7	4	Nil	78
Majestic Featherweight (7.62mm)	BA	4	2-3-Nil	7	4	Nil	68
Majestic Featherweight (.270)	BA	3	1-Nil	7	3	Nil	80
Majestic Featherweight (.30-06)	BA	3	2-Nil	7	3	Nil	77
Majestic Regent (.22 Hornet)	BA	3	1-Nil	6	3	Nil	71
Majestic Regent (.222)	BA	3	2-Nil	7	3	Nil	65
Monarch (.222)	BA	3	1-Nil	6	3	Nil	73



Monarch (.243)	BA	3	2-Nil	7	3	Nil	68
Monarch (7.62mm)	BA	4	2-3-Nil	7	4	Nil	82
Monarch (.257)	BA	3	2-Nil	7	4	Nil	66
Monarch (.270)	BA	4	2-3-Nil	7	4	Nil	63
Monarch (7mm Magnum)	BA	4	1-2-3	7	4	Nil	78
Monarch (.300 Magnum)	BA	5	2-3-Nil	7	4	Nil	81
Monarch (.30-06)	BA	4	2-3-Nil	7	4	Nil	71
Monarch Varmint (.222)	BA	3	1-Nil	7	3	Nil	80
Monarch Varmint (.243)	BA	3	2-Nil	7	3	Nil	77

BSA-Enfield High-Power

Notes: These rifles, based on cannibalized Enfield 1914s, were designed to fire proprietary high-power cartridges based on pre-World War 1 Eley ammunition. The High-Power is therefore, basically an Enfield designed to fire proprietary magnum cartridges. The resulting rifles were never really successful due to their odd ammunition.

Weapon	Ammunition	Weight	Magazines	Price
High-Power	.26 BSA	3.63 kg	5 Clip	\$1517
High-Power	.33 BSA	4.77 kg	5 Clip	\$2516
High-Power	.40 BSA	9.32 kg	5 Clip	\$3311

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
High-Power (.26)	BA	4	1-2-3	8	4	Nil	82
High-Power (.33)	BA	6	1-3-Nil	8	5	Nil	120
High-Power (.40)	BA	7	1-3-5	9	4	Nil	122

BSA-Lee High-Velocity Sporting Rifle

Notes: Like many weapon manufacturers, BSA made part of its money from reconditioning old British military rifles and then selling them as civilian sporting weapons. The BSA-Lee High-Velocity was one of these weapons; It was based on the Lee-Enfield Mk I. Changes includes a turned-down (and slightly forward) bolt handle, a two-piece stock with a pistol-grip stock, and a half-length fore-end. The most dramatic change was the caliber; in addition to being offered in .303 British, 4 other calibers were offered. Several variants were made: the Pattern No. 1 was the standard model; the Heavy Pattern No. 1 used a heavier barrel, 4-round magazine, and an express rear sight; The Pattern No. 2 was a cheaper version, with plain woods and a lighter barrel; and the Pattern No. 3 was a plain-stocked version (no pistol-grip stock), and a Cape-pattern rear sight. The Patterns 3 and 4 are identical for game purposes to the Pattern No. 1.

Production of these rifles ceased with the beginning of World War 1.

Weapon	Ammunition	Weight	Magazines	Price
Pattern No. 1	7mm Mauser	3.08 kg	5	\$1384
Pattern No. 1	.303 British	3.42 kg	5	\$1590
Pattern No. 1	8x51mm Mauser	3.26 kg	5	\$1492
Pattern No. 1	.32-40 Winchester	3.55 kg	5	\$1618
Heavy Pattern No. 1	.375 Flanged Nitro Express	3.84 kg	4	\$751
Pattern No. 2	7mm Mauser	3.05 kg	5	\$1378
Pattern No. 2	.303 British	3.39 kg	5	\$1584
Pattern No. 2	8x51mm Mauser	3.23 kg	5	\$1486
Pattern No. 2	.32-40 Winchester	3.52 kg	5	\$1612

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Pattern No. 1 (7mm)	BA	4	2-3-Nil	7	5	Nil	80
Pattern No. 1 (.303)	BA	4	2-3-Nil	8	5	Nil	89
Pattern No. 1 (8mm)	BA	4	2-3-Nil	8	5	Nil	89
Pattern No. 1 (.32-40)	BA	4	2-3-Nil	8	5	Nil	90
Heavy Pattern No. 1	BA	4	1-2-Nil	7	3	Nil	93
Pattern No. 2 (7mm)	BA	4	2-3-Nil	7	5	Nil	77
Pattern No. 2 (.303)	BA	4	2-3-Nil	8	5	Nil	85
Pattern No. 2 (8mm)	BA	4	2-3-Nil	8	5	Nil	86
Pattern No. 2 (.32-40)	BA	4	2-3-Nil	8	5	Nil	87

BSA Sportsman Rifle

Notes: This is a basic bolt-action design, produced from 1947-55. It is a development of the BSA No. 1 Rimfire Rifle, but meant for

civilians instead of the military, and has a much longer barrel. The Sportsman Five is a variant which is magazine-fed. The Sportsman Ten and Sportsman Fifteen are also magazine-fed, but they are fed by under-barrel tubular magazines. The Supersport Five had an enclosed bolt, tangent-leaf rear sights, a better extractor, and a far better stock; it also had a much shorter barrel. The Century 22 was based on the Supersport Five, but had a 26-inch heavy barrel, a target-type stock with a contoured pistol grip, and a large handguard.

Weapon	Ammunition	Weight	Magazines	Price
Sportsman	.22 Long Rifle	2.59 kg	1 Internal	\$285
Sportsman Five	.22 Long Rifle	2.66 kg	5	\$322
Sportsman Ten	.22 Long Rifle	2.69 kg	10 Tubular	\$324
Sportsman Fifteen	.22 Long Rifle	2.69 kg	15 Tubular	\$326
Supersport Five	.22 Long Rifle	2.72 kg	5	\$274
Century 22	.22 Long Rifle	3.01 kg	5	\$331

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sportsman	SS	1	Nil	6	1	Nil	50
Sportsman Five	BA	1	Nil	6	1	Nil	56
Sportsman Ten	BA	1	Nil	6	1	Nil	56
Sportsman Fifteen	BA	1	Nil	6	1	Nil	56
Supersport Five	BA	1	Nil	5	1	Nil	47
Century 22	BA	1	Nil	6	1	Nil	58

Lee-Enfield .22 Caliber Rifles

Notes: Enfield made a number of its SMLE and No 4 rifles in .22 Long Rifle chambering. This was done to provide training rifles, to provide rifles for local shooting clubs, and to provide varmint hunting rifles for civilians. Most of these were designed to mimic the weight and balance of their parent rifles, with minimal modifications for the new caliber.

The first of these was the Short Rifle Mk I; why it was called a short rifle I don't know, since they had a barrel length of 25 inches, the same as an SMLE Mk I. It was introduced in 1907. The Long Rifle Mk II is similar, but converted from the long Lee-Enfield Rifles; it has a longer (25.2 inches) barrel that was thinner in profile. The Short Rifle Mk I\* is for game purposes the same as the Mk I, but based on the SMLE Mk I\*. The Short Rifle Mk III was based on the SMLE Mk II and Mk II\*, and for game purposes is the same as the Mk I. The No 2 Mk IV was based on the SMLE of the same nomenclature; some had new .22 barrels, and some had .303 barrels with a .22 insert. The No 2 Mk IV\* was essentially the same rifle, just converted from a different Mark. They are the same as the Mk I for game purposes, except for the weight. The Rifle C No 7 was developed at the Long Branch arsenal in Canada, but sold primarily to British citizens by BSA in Canada. It has a smaller magazine than other Lee-Enfield .22s. The No 7 Mk I is identical to the Canadian No 7 Mk I, except for the bolt. It is a converted No 4, not a new-construction rifle. The No 8 Mk I was a "Youth"-type rifle with a shorter stock and a 24-inch barrel. Despite it's smaller size, it is as heavy as many other Lee-Enfield .22s. It is a single-shot rifle with a blocked magazine. The No 9 Mk I was essentially a No 4 converted for .22 for the Royal Navy; it is a bit heavier than the No 8. The No 5 Trials Rifle was a test conversion of the No 5 into a .22 carbine, and had a 19-inch barrel. Only about 100 were built.

Weapon	Ammunition	Weight	Magazines	Price
Short Rifle Mk I	.22 Long Rifle	4.31 kg	10	\$319
Long Rifle Mk II	.22 Long Rifle	4.33 kg	10	\$321
No 2 Mk IV	.22 Long Rifle	3.71 kg	5	\$316
Rifle C No 7	.22 Long Rifle	4.11 kg	10	\$319
Rifle No 7 Mk I	.22 Long Rifle	4.11 kg	10	\$322
Rifle No 8 Mk I	.22 Long Rifle	4.08 kg	1 Internal	\$289
Rifle No 9 Mk I	.22 Long Rifle	4.2 kg	10	\$319
Trials Rifle No 5	.22 Long Rifle	3.86 kg	10	\$258

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Short Rifle Mk I	BA	1	Nil	7	1	Nil	55
Long Rifle Mk II	BA	1	Nil	7	1	Nil	55
No 2 Mk IV	BA	1	Nil	7	1	Nil	55
Rifle C No 7	BA	1	Nil	7	1	Nil	56
Rifle No 8 Mk I	SS	1	Nil	7	1	Nil	53
Rifle No 8 Mk I	BA	1	Nil	7	1	Nil	55
Rifle No 9 Mk I	BA	1	Nil	7	1	Nil	55
Trials Rifle No 5	BA	1	Nil	5	1	Nil	43

Milcam

Notes: Though designed for military use as a platoon's sharpshooter's weapon, the British Milcam found use primarily in civilian hands. It is a bolt-action weapon that accepts high capacity M-16 assault rifle magazines. The bolt action is strong, and does not require a long movement for cycling. The trigger guard is large enough for Arctic gloves. This weapon does not have a scope mount.

The Milcam HB (Heavy Barrel) was designed as a sniper's weapon, but primarily found use in civilian hands as a hunting weapon. It is more accurate than the standard Milcam, and has a dovetail sight for the quick mounting of simple sights, but is otherwise the same. Unlike the standard Milcam, the HB is drilled and tapped for a scope.

The Comcan is the carbine variant of the Milcam rifle. It is the same weapon, except for the barrel length. It is not tapped for a scope.

The Snicam was designed as a dedicated military and police sniper weapon, and found some use in the UK with the police and military, and in the US with police, as well as with civilians. The Snicam relies only on a scope, and has no iron sights. The bolt action is by cam, and it has a lengthened heavy match-grade barrel. The weapon has a bipod, and the cheekpiece, stock, and trigger are adjustable. The caliber limited its utility to military snipers.

Twilight 2000 Notes: This weapon does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Milcam	5.56mm NATO	3.6 kg	20, 30	\$787
Milcam HB	5.56mm NATO	4.3 kg	20, 30	\$792
Comcan	5.56mm NATO	3 kg	20, 30	\$746
Snicam	5.56mm NATO	5 kg	20, 30	\$1616

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Milcam	BA	3	1-Nil	6	2	Nil	61

Milcam HB	BA	3	1-Nil	6	2	Nil	63
Comcan	BA	3	1-Nil	5	3	Nil	44
Snicam	BA	3	1-Nil	7	2	Nil	82
With Bipod	BA	3	1-Nil	7	1	Nil	106

**Parker-Hale 81**

Notes: Introduced in 1983, the Model 81 has a straight-comb stock with a pistol grip. There is checkering on the pistol grip and fore-end. The butt has a rubber recoil pad, and spacers could be put in between the recoil pad and end of butt to fit the shooter. The Model 81 has sling swivels, something that is rare on most sporting rifles. Options include a set trigger. The rifle is grooved for an optical sight. Two versions are available: the Classic, which fires most of the calibers available in the Model 81; and the African, which fires large cartridges.

Weapon	Ammunition	Weight	Magazines	Price
81 Classic	.22-250 Remington	3.49 kg	4	\$935
81 Classic	.243 Winchester	3.72 kg	4	\$1090
81 Classic	6mm Remington	3.7 kg	4	\$1156
81 Classic	.270 Winchester	4.17 kg	4	\$1551
81 Classic	6.5mm Swedish	3.53 kg	4	\$1275
81 Classic	7mm Mauser	3.78 kg	4	\$1460
81 Classic	7mm Brenneke	3.83 kg	4	\$1595
81 Classic	7mm Remington Magnum	3.65 kg	4	\$1590
81 Classic	.30-06 Springfield	3.88 kg	4	\$1804
81 Classic	.300 Winchester Magnum	4.1 kg	4	\$2369
81 Classic	7.62mm NATO	3.78 kg	4	\$1522
81 African	.300 H&H Magnum	4.08 kg	4	\$2504
81 African	.308 Norma Magnum	3.52 kg	4	\$1845
81 African	.375 H&H Magnum	5.55 kg	4	\$3318
81 African	9.3mm Mauser	4.59 kg	4	\$2829

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
81 Classic (.22-250)	BA	3	1-Nil	7	3	Nil	73
81 Classic (.243)	BA	3	2-Nil	7	3	Nil	74
81 Classic (6mm)	BA	3	2-Nil	7	4	Nil	69
81 Classic (.270)	BA	4	2-3-Nil	7	4	Nil	69
81 Classic (6.5mm)	BA	4	2-Nil	7	4	Nil	77
81 Classic (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	80
81 Classic (7mm Brenneke)	BA	4	2-3-Nil	7	4	Nil	71
81 Classic (7mm Magnum)	BA	4	1-2-3	7	4	Nil	86
81 Classic (.30-06)	BA	4	2-3-Nil	7	4	Nil	78
81 Classic (.300 Magnum)	BA	5	2-3-Nil	7	4	Nil	89
81 Classic (7.62mm)	BA	4	2-3-Nil	7	4	Nil	89
81 African (.300 H&H)	BA	5	1-2-3	7	4	Nil	82
81 African (.308)	BA	5	1-2-3	7	4	Nil	91
81 African (.375)	BA	7	1-3-5	8	5	Nil	99
81 African (9.3mm)	BA	5	2-4-Nil	8	5	Nil	89

**Parker-Hale 1000**

Notes: Introduced in 1965, this rifle came in versions with two different magazines (5 rounds internal or 4-round detachable box) and three basic models, the Safari, the Standard and the Safari Magnum. It has a Santa Barbara action, a walnut half-stock with pistol-grip wrist, and conventional checkering on the pistol grip and fore-stock. It is basically a standard bolt-action hunting rifle, drilled and tapped for a scope.

Weapon	Ammunition	Weight	Magazines	Price
1000 Safari	.243 Winchester	2.6 kg	5 Internal	\$996
1000C Safari	.243 Winchester	2.53 kg	4	\$995
1000 Safari	.270 Winchester	3.32 kg	5 Internal	\$1457
1000C Safari	.270 Winchester	3.2 kg	4	\$1456
1000 Safari	7.62mm NATO	3.28 kg	5 Internal	\$1428
1000C Safari	7.62mm NATO	3.16 kg	4	\$1427
1000 Safari	.30-06 Springfield	3.74 kg	5 Internal	\$1710

1000C Safari	.30-06 Springfield	3.59 kg	4	\$1709
1000 Standard	.22-250 Remington	2.45 kg	5 Internal	\$840
1000C Standard	.22-250 Remington	2.38 kg	4	\$839
1000 Standard	.243 Winchester	3.13 kg	5 Internal	\$996
1000C Standard	.243 Winchester	3.06 kg	4	\$995
1000 Standard	6mm Remington	3.35 kg	5 Internal	\$1062
1000C Standard	6mm Remington	3.27 kg	4	\$1061
1000 Standard	.270 Winchester	3.4 kg	5 Internal	\$1457
1000C Standard	.270 Winchester	3.28 kg	4	\$1456
1000 Standard	6.5mm Swedish	2.97 kg	5 Internal	\$1181
1000C Standard	6.5mm Swedish	2.88 kg	4	\$1180
1000 Standard	7mm Mauser	3.46 kg	5 Internal	\$1369
1000C Standard	7mm Mauser	3.35 kg	4	\$1368
1000 Standard	7mm Brenneke	3.63 kg	5 Internal	\$1502
1000C Standard	7mm Brenneke	3.51 kg	4	\$1500
1000 Standard	7.62mm NATO	3.41 kg	5 Internal	\$1428
1000C Standard	7.62mm NATO	3.29 kg	4	\$1427
1000 Standard	.30-06 Springfield	3.85 kg	5 Internal	\$1710
1000C Standard	.30-06 Springfield	3.7 kg	4	\$1709
1000 Safari Magnum	.375 H&H Magnum	4.11 kg	5 Internal	\$3321
1000C Safari Magnum	.375 H&H Magnum	3.86 kg	4	\$3318

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Safari (.243)	BA	3	2-Nil	7	4	Nil	65
Safari (.270)	BA	4	2-3-Nil	7	5	Nil	60
Safari (7.62mm)	BA	4	2-3-Nil	7	5	Nil	79
Safari (.30-06)	BA	4	2-3-Nil	7	5	Nil	68
Standard (.22-250)	BA	3	1-Nil	6	4	Nil	65
Standard (.243)	BA	3	2-Nil	6	3	Nil	65
Standard (6mm)	BA	3	2-Nil	6	3	Nil	60
Standard (.270)	BA	4	2-3-Nil	7	5	Nil	60
Standard (6.5mm)	BA	4	2-Nil	7	5	Nil	68
Standard (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	70
Standard (7mm Brenneke)	BA	4	2-3-Nil	7	4	Nil	63
Standard (7.62mm)	BA	4	2-3-Nil	7	5	Nil	79
Standard (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
Safari Magnum	BA	7	1-3-5	8	5	Nil	99

Parker-Hale 1100 (First Model)

Notes: This rifle is easily confused with another later Parker-Hale rifle also known as the Model 1100. This version of the Model 1100 is based on the Model 1000 (as opposed to the later one, which is a lighter version of the Model 1200), and dates from 1968. Like the Model 1000, this Model 1100 is a Mauser-pattern rifle of the Santa Barbara pattern, but the action is updated from that of the Model 1000. The safety catch is on the right side of the receiver, and the bolt handle is swept downward in an arc. It has a small removable magazine accessed from a hinging floorplate, similar to many magazine-fed bolt-action rifles. The stock is of the Monte Carlo pattern. Sights consist of a folding rear leaf and a ramp front with a tunnel-type protector. The fore-end has a hand-swell and a Schnabel tip. The butt is equipped with a Pachmayr Old English recoil pad. Stocks are of English walnut, hand-checked and finished in a weatherproof satin varnish. The weapon is drilled and tapped for a scope mount. A variant of this rifle is the Model 1100 De Luxe Safari; this version fires exclusively .375 H&H Magnum, and has the same stock as the Model 1000 Safari Magnum, but with the Pachmayr Old English recoil pad and lighter weight, and a longer barrel than the standard Model 1100.

Weapon	Ammunition	Weight	Magazines	Price
1100	.243 Winchester	2.73 kg	4	\$1066
1100	.270 Winchester	3.48 kg	4	\$1524
1100	7mm Remington Magnum	3.52 kg	4	\$1563
1100	.30-06 Springfield	3.9 kg	4	\$1776
1100	.308 Norma Magnum	3.94 kg	4	\$1818
1100 De Luxe Safari	.375 H&H Magnum	4.06 kg	4	\$3306

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
1100 (.243)	BA	3	2-Nil	7	3	Nil	65



1100 (.270)	BA	4	2-3-Nil	7	4	Nil	60
1100 (7mm)	BA	4	1-2-3	7	4	Nil	75
1100 (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
1100 (.308)	BA	5	1-2-3	7	4	Nil	80
1100 De Luxe Safari	BA	7	1-3-5	8	5	Nil	99

**Parker-Hale 1100 (Second Model)**

Notes: This Model 1100 is based on the Model 1200 Super Safari (below), and is also known as the Model 1100 Lightweight. It chambers the same cartridges as the Model 1200, but has a 22-inch barrel (as opposed to the 24-inch barrel of the Model 1200 Super Safari), except on the .22-250 version, a hollow light alloy bolt handle, a light alloy trigger guard and magazine floorplate and casing, and a smaller fore-end. The stock is of the Monte Carlo style, with a palm swell on the fore-end, a weatherproof satin varnish finish, and a Pachmayr Old English recoil pad. The Model 1100M African Magnum fires much more powerful ammunition, has a heavy barrel, a strengthened action, and a stock with a heavy recoil bolt in addition to a standard bolt. The comb of the Monte Carlo stock is shallower than the standard Model 1100, and the barrel is a full 24 inches. It is basically as heavy as other rifles of its class, and does not generally get the “Lightweight” moniker.

Weapon	Ammunition	Weight	Magazines	Price
1100	.22-250 Remington	2.81 kg	4	\$932
1100	.243 Winchester	2.95 kg	4	\$1066
1100	6mm Remington	3.15 kg	4	\$1132
1100	.270 Winchester	3.6 kg	4	\$1524
1100	6.5mm Swedish	2.89 kg	4	\$1250
1100	7mm Mauser	3.18 kg	4	\$1434
1100	7mm Brenneke	3.25 kg	4	\$1569
1100	7.62mm NATO	3.01 kg	4	\$1496
1100	.30-06 Springfield	3.37 kg	4	\$1776
1100M African Magnum	.375 H&H Magnum	4.31 kg	4	\$3261
1100M African Magnum	.404 Jeffrey	4.75 kg	4	\$3941
1100M African Magnum	.458 Winchester Magnum	4.8 kg	4	\$4021

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
1100 (.22-250)	BA	3	1-Nil	7	3	Nil	73
1100 (.243)	BA	3	2-Nil	6	3	Nil	65
1100 (6mm)	BA	3	2-Nil	6	3	Nil	60
1100 (.270)	BA	4	2-3-Nil	7	4	Nil	60
1100 (6.5mm)	BA	4	2-Nil	7	4	Nil	68
1100 (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	70
1100 (7mm Brenneke)	BA	4	1-2-3	7	4	Nil	75
1100 (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
1100 (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
1100 African Magnum (.375)	BA	6	1-3-Nil	8	5	Nil	90
1100 African Magnum (.404)	BA	7	1-3-5	8	5	Nil	98
1100 African Magnum (.458)	BA	7	1-3-5	8	5	Nil	98

**Parker-Hale 1200 Super Safari**

Notes: Replacing the 1000 and 1100 (First Model) in production, the Model 1200 Super Safari was largely similar to those rifles except for the weight (slightly heavier) and in having rubber recoil pads as standard equipment, as well as woods that were more esthetically pleasing. Like the 1000, the Super Safari could be had with either 5-round internal magazine or a 4-round detachable box magazine. The Super Safari Magnum differed (other than the calibers) in having only 3-round detachable box magazine versions. The Super Safari TX is a target rifle chambered only for 7.62mm NATO; it has a half-stock, straight comb, plain pistol grip, and was fitted with an aperture sight, as well as having a longer barrel. The 1200 Varmint has a longer, heavy barrel; sales of this weapon stopped in 1975.

Weapon	Ammunition	Weight	Magazines	Price
1200 Super Safari	.22-250 Remington	2.91 kg	5 Internal	\$915
1200C Super Safari	.22-250 Remington	2.85 kg	4	\$914
1200 Super Safari	.243 Winchester	3.15 kg	5 Internal	\$1071
1200C Super Safari	.243 Winchester	3.08 kg	4	\$1070
1200 Super Safari	6mm Remington	3.37 kg	5 Internal	\$1137
1200C Super Safari	6mm Remington	3.29 kg	4	\$1136
1200 Super Safari	.270 Winchester	3.88 kg	5 Internal	\$1532

1200C Super Safari	.270 Winchester	3.76 kg	4	\$1531
1200 Super Safari	6.5mm Swedish	3.11 kg	5 Internal	\$1256
1200C Super Safari	6.5mm Swedish	3.02 kg	4	\$1255
1200 Super Safari	7mm Mauser	3.43 kg	5 Internal	\$1441
1200C Super Safari	7mm Mauser	3.32 kg	4	\$1440
1200 Super Safari	7mm Brenneke	3.51 kg	5 Internal	\$1571
1200C Super Safari	7mm Brenneke	3.39 kg	4	\$1570
1200 Super Safari	7.62mm NATO	3.27 kg	5 Internal	\$1503
1200C Super Safari	7.62mm NATO	3.14 kg	4	\$1502
1200 Super Safari	.30-06 Springfield	4.11 kg	5 Internal	\$1785
1200C Super Safari	.30-06 Springfield	3.52 kg	4	\$1784
1200 Super Safari Magnum	7mm Remington Magnum	3.26 kg	3	\$1590
1200 Super Safari Magnum	.300 Winchester Magnum	3.9 kg	3	\$2369
1200 Super Safari Magnum	.308 Norma Magnum	3.13 kg	3	\$1845
1200 Super Safari TX	7.62mm NATO	5.14 kg	5 Internal	\$2018
1200C Super Safari TX	7.62mm NATO	4.99 kg	4	\$2016
1200 Varmint	.22-250 Remington	2.98 kg	4	\$941
1200 Varmint	6mm Remington	3.31 kg	4	\$1163
1200 Varmint	.243 Remington	3.05 kg	4	\$1097
1200 Varmint	.25-06 Remington	3.41 kg	4	\$1367

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Super Safari (.22-250)	BA	3	1-Nil	6	3	Nil	65
Super Safari (.243)	BA	3	2-Nil	6	3	Nil	65
Super Safari (6mm)	BA	3	2-Nil	6	3	Nil	60
Super Safari (.270)	BA	4	2-3-Nil	7	4	Nil	60
Super Safari (6.5mm)	BA	4	2-Nil	7	4	Nil	68
Super Safari (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	70
Super Safari (7mm Brenneke)	BA	4	1-2-3	7	4	Nil	76
Super Safari (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
Super Safari (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
Super Safari Magnum (7mm Magnum)	BA	4	1-2-3	7	4	Nil	86
Super Safari Magnum (.300)	BA	5	2-3-Nil	7	4	Nil	89
Super Safari Magnum (.308)	BA	5	1-2-3	7	4	Nil	91
Super Safari TX	BA	4	2-3-Nil	8	4	Nil	86
Varmint (.22-250)	BA	3	1-Nil	7	3	Nil	75
Varmint (6mm)	BA	3	2-Nil	7	4	Nil	71
Varmint (.243)	BA	3	2-Nil	7	3	Nil	77
Varmint (.25-06)	BA	4	2-3-Nil	7	4	Nil	68

Parker-Hale Sporting Model Rifle

Notes: This is a simple conversion of the Mk III SMLE into a sporting rifle. In fact, very little changes were made to the SMLE design; the fore-end was reduced to half-length and the rear-sight protectors were removed. Several versions were made: The Standard model w (No. 1) is as just described; the Supreme No. 1 had a pistol-grip stock with checkering, a Monte-Carlo comb, and a checkered fore-end. (It is identical for game purposes to the Standard version). The Custom No. 1 has the charger guides, which were considered unattractive in a civilian rifle, removed; in addition, a rubber recoil pad is added to the butt. The Custom No. 4 had a five-round magazine, and was built from new actions instead of refurbished ones, but is otherwise identical to the Custom No. 1.

Weapon	Ammunition	Weight	Magazines	Price
No. 1/Supreme No. 1	.303 British	3.63 kg	10	\$1308
Custom No. 1	.303 British	3.83 kg	10	\$1383
Custom No. 4	.303 British	3.83 kg	5	\$1373

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
(All)	BA	4	2-3-Nil	7	4	Nil	70

CZ-3

Notes: This new sporting rifle is actually made by CZ's US branch, CZ-USA. Though it is primarily meant for the North American, and particularly the US consumer, it is exported elsewhere. It is quite similar to the Winchester Model 70 – it will even accept Model 70 scope mounts in addition to CZ's standard scope mounts. It is styled with Americans in mind, instead of the normal “European look” of CZ sporting rifles. The metal parts are finished in matte stainless steel, and the stocks are of high-quality walnut. The action tends to be a bit rough, but this can be easily fixed (Very Easy: Gunsmith or Easy: Small Arms (Rifle)). As set by the factory, the trigger pull is a bit heavy, but the trigger is adjustable.

Twilight/Merc 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
CZ-3	.270 Winchester Short Magnum	3.63 kg	3 Internal	\$1254
CZ-3	7mm Winchester Short Magnum	3.69 kg	3 Internal	\$1302
CZ-3	.300 Winchester Short Magnum	3.9 kg	3 Internal	\$1487

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CZ-3 (.270)	BA	4	1-2-3	7	4	Nil	95
CZ-3 (7mm)	BA	4	1-2-3	7	4	Nil	97
CZ-3 (.300)	BA	5	1-2-3	7	4	Nil	103

CZ-365

Notes: Originally known as the ZKW-465, this rifle fires small-caliber rifle rounds. It is basically a miniature Mauser, and is an enlarged ZKM-451 with the safety catch moved to the right side of the receiver behind the bolt handle. The trigger guard was enlarged and the magazine was slanted to accommodate necked rounds. Though 40,000 were built, CZ-365's chambered for anything other than .22 Hornet are extremely rare.

Weapon	Ammunition	Weight	Magazines	Price
CZ-365	.218 Bee	2.84 kg	5	\$675
CZ-365	.22 Hornet	2.84 kg	5	\$686
CZ-365	.222 Remington	3.17 kg	5	\$784

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CZ-365 (.218)	BA	3	1-Nil	6	3	Nil	72
CZ-365 (.22)	BA	3	1-Nil	6	3	Nil	73
CZ-365 (.222)	BA	3	1-Nil	6	3	Nil	74

CZ-452

Notes: This is a Czech-,made rimfire rifle that is a modernized version of the old ZKM-452 rifle. It is a basic sort of bolt-action rifle, with a lacquered wood half-stock, hogs-back comb, and sling swivels. The CZ-452-2E can accept a sound suppressor. Several variants exist other than the standard CZ-452-2E, including the Lux, a deluxe version with a polished walnut stock and polished blued metalwork (identical for game purposes); the Style, with a synthetic stock that has a roughened texture; the Special, with a polished beechwood stock and checkering in the right places (again, identical to the standard version for game purposes); the Junior, with a shortened butt and barrel; and the CZ-453 Standard, with a rocking L-type sight, grooves for a scope mount, and a simplified trigger mechanism; the CZ-453 Lux, similar in concept to the 452-2E Lux (and identical to the CZ-453 for game purposes); and the CZ-513 Farmer, a shorter-barreled version of the CZ-453. An unusual modification of the CZ-452 is the Ultra Lux, which takes a Lux and puts a 28.6-inch barrel on it, along with a fully-adjustable tangent rear sight, and changes the wood type to high-grade beech to bring down the weight somewhat. The lower weight allows the Ultra Lux with the CMP Rimfire Sporter class of competition. The CZ-452 American is a rifle that was, as the name suggests, designed with the US (and North American) export market in mind; it is not available until 2004. It has no iron sights, being designed for use with a telescopic sight. The CZ-452 Training Rifle is designed, not for military trainees, but for youngsters learning how to shoot. The stock is beech, but with a dark finish and in the same shape as the Lux and Ultra Lux. The fore-end has a Schnabel tip, and the rifle has a 24.8-inch barrel. The Scout is designed to be a teenager's first “real” rifle, and is made from lighter woods, a shorter LOP, and a shorter 16.2-inch barrel. Though the Scout is delivered from CZ with a single-shot adapter, it can take 5 and 10-roiund magazines with a minimum of user modification.

Twilight 2000 Notes: The CZ-452 American, of course, does not exist.

Weapon	Ammunition	Weight	Magazines	Price
CZ-452-2E	.22 Long Rifle	3 kg	5, 10	\$310
CZ-452-2E	.22 Winchester Magnum Rimfire	3.11 kg	5, 10	\$341
CZ-452-2E Style	.22 Long Rifle	2.73 kg	5, 10	\$320
CZ-452-2E Style	.22 Winchester Magnum Rimfire	2.77 kg	5, 10	\$351
CZ-452-2E Junior	.22 Long Rifle	1.81 kg	5, 10	\$225
CZ-452-2E Junior	.22 Winchester Magnum Rimfire	1.92 kg	5, 10	\$256

CZ-453 Standard	.22 Long Rifle	2.81 kg	5, 10	\$288
CZ-513 Farmer	.22 Long Rifle	2.77 kg	5, 10	\$272
CZ-452 American	.17 Hornady Rimfire Magnum	2.42 kg	5, 10	\$437
CZ-452 American	.22 Long Rifle	2.42 kg	5, 10	\$289
CZ-452 American	.22 Winchester Magnum Rimfire	2.42 kg	5, 10	\$320
CZ-452 Ultra Lux	.22 Long Rifle	3.1 kg	5, 10	\$332
CZ-452 Training Rifle	.17 Hornady Rimfire Magnum	2.93 kg	5, 10	\$461
CZ-452 Training Rifle	.22 Long Rifle	2.93 kg	5, 10	\$312
CZ-452 Scout	.22 Long Rifle	2.3 kg	1 internal or 5, 10	\$225

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CZ-427-2E (.22 Long Rifle)	BA	1	Nil	6	1	Nil	54
CZ-427-2E (.22 Magnum)	BA	1	Nil	6	1	Nil	72
CZ-427-2E Style (.22 Long Rifle)	BA	1	Nil	6	1	Nil	54
CZ-427-2E Style (.22 Magnum)	BA	1	Nil	6	1	Nil	72
CZ-427-2E Junior (.22 Long Rifle)	BA	1	Nil	4	1	Nil	37
CZ-427-2E Junior (.22 Magnum)	BA	1	Nil	4	1	Nil	45
CZ-453 Standard	BA	1	Nil	5	1	Nil	50
CZ-523 Farmer	BA	1	Nil	5	1	Nil	47
CZ-452 American (.17)	BA	2	1-Nil	6	2	Nil	65
CZ-452 American (.22 Long Rifle)	BA	1	Nil	6	1	Nil	50
CZ-452 American (.22 Magnum)	BA	1	Nil	6	1	Nil	65
CZ-452 Ultra Lux	BA	1	Nil	6	1	Nil	55
CZ-452 Training Rifle (.17)	BA	2	1-Nil	6	1	Nil	73
CZ-452 Training Rifle (.22)	BA	1	Nil	6	1	Nil	55
CZ-452 Scout	BA	1	Nil	4	1	Nil	37

CZ-455

Notes: This is a rimfire bolt-action rifle, designed for accuracy, but primarily meant for varmint hunting, pest control, practice and target shooting, and as a rifle to introduce beginners to firearms. The company website says that eventually, the Model 452 and 513 series will be folded into the Model 455 line. The base member of the CZ-455 line is the Model 455 Lux, a rifle with scout-type sights and drilled and tapped for most scope mounts. Like all members of the Model 455 line, that barrel may be changed in order to change caliber, and on the Lux, the stock is also interchangeable with a variety of stocks sold by CZ. The standard Lux stock is designed specifically for use with iron sights, and is made of walnut. The Lux features tighter tolerances, a hammer-forged barrel, and is made on up-to-date manufacturing equipment. The barrel is 20.6 inches long, heavy profile, and match-quality. The Lux has adjustable sights and a trigger adjustable for pull weight.

The CZ-455 American has features designed to appeal to an American and North American market, such as the style of stock and the synthetic construction of the stock, a stainless steel barrel and action, and drilling and tapping for a scope mount, with no iron sights. The barrel is as the Lux above (except for being stainless steel), but is slightly shorter at 20.5 inches. The Tacticool is sort of a “tactical” version of the Model 455; it is in fact not very different than the American. The stock shape, especially in the deep pocket pistol grip-wrist, is one of the few differences, as are the three attachment points for a sling (the American has only two). The stock of the Tacticool has a space in the lower stock to hold a spare magazine.

The CZ-455FS is similar to the Model 455 Lux, but uses a full-length Mannlicher-style stock, extending to the muzzle. At the muzzle endcap is a tip of polished ebony. Sights are similar to the Lux, being in the scout position, as well as having drilling and tapping for most scope mounts. The interchangeable barrel system allows the CZ-455FS to fire any of its chamberings with only a barrel change; in addition, the action, barrel, and trigger pack can be placed in any other Model 455 stock. Barrel length is 20.5 inches, and is similar to a Lux’s barrel in construction.

The CZ-455 Varmint is, of course, designed for varmint, and as many such rifles, features a bull barrel instead of a heavyweight barrel. Barrel quality is otherwise like the Lux above. This barrel can be swapped out for other caliber Varmint-weight barrels if desired. The barrel is 20.5 inches long, and the stock is similar to the CZ-455FS. The trigger is adjustable for pull weight. The Varmint SST is the same except for the trigger pack, which is fully adjustable – for pull weight, pull length, and letoff length. Neither rifle has iron sights – they are drilled or tapped for any sight mount, but do not otherwise come with sights. The Varmint Evolution is designed for target shooting, even in environments like cross-country shooting or Olympic shooting. It is also quite useful in regular varmint shooting, and is essentially a Varmint given accurizing and a fancy blue-gray stock, calls a Boyds stock. The stock is specially designed, with a swelled cheekpiece, a skeletonized stock, and a forend with just enough weight to balance the weapon and act as a palm swell. The 20.5-inch barrel is of bull profile and otherwise contracted in the same manner as other Model 455s, and also has a target crown. No iron sights are supplied, but it is drilled and for most scope mounts.

It should be noted that any of the Varmint and American series can swap barrels, stocks, and actions as desired. Though a member of the Model 455 family by virtue of its action, the Varmint Precision Trainer is designed to duplicate as much as

possible the feel of a military rifle, making ideal for military marksmanship training. At the same time, the Varmint Precision Hunter is made to appeal to target shooters and hunters. The first thing noticeable is the Coyote Tan Manners Composite stock which allows for a rock-hard bed for the action while making it possible to mount a free-floating barrel. The stock is made of MCS-T4, a blend of carbon fiber and fiberglass in multiple alternating layers. The stock has a deep-pocket pistol-grip-wrist. If desired, CZ will embed the stock interior with extra, carefully-placed weights to user's specifications, or leaves spaces in the stock, again to make it weight and balance as desired. The barrel is 20.5 inches, of heavy profile, and free floating. The weight below is sort of a middle-weight.

Weapon	Ammunition	Weight	Magazines	Price
CZ-455 Lux	.22 Long Rifle	2.77 kg	5	\$266
CZ-455 Lux	.22 Winchester Magnum Rimfire	2.8 kg	5	\$288
CZ-455 American	.22 Long Rifle	2.07 kg	5	\$266
CZ-455 American	.17 Hornady Magnum Rimfire	2.08 kg	5	\$267
CZ-455FS	.17 Hornady Magnum Rimfire	2.72 kg	5	\$267
CZ-455FS	.22 Long Rifle	2.72 kg	5	\$266
CZ-455FS	.22 Winchester Magnum Rimfire	2.75 kg	5	\$287
CZ-455 Varmint	.17 Hornady Magnum Rimfire	3.22 kg	5	\$269
CZ-455 Varmint	.22 Long Rifle	3.22 kg	5	\$268
CZ-455 Varmint	.22 Winchester Magnum Rimfire	3.26 kg	5	\$289
CZ-455 Varmint	.17 Hornady Magnum Rimfire	3.22 kg	5	\$274
Evolution				
CZ-455 Varmint	.22 Long Rifle	3.26 kg	5	\$268
Evolution				
CZ-455 Varmint	.22 Long Rifle	3.67 kg	5	\$264
Precision Hunter				

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CZ-455 Lux (.22 LR)	BA	1	Nil	5	1	Nil	44
CZ-455 Lux (.22 WMR)	BA	1	Nil	5	1	Nil	56
CZ-455 American (.22 LR)	BA	1	Nil	5	1	Nil	44
CZ-455 American (.17 HMR)	BA	2	1-Nil	5	1	Nil	67
CZ-455FS (.17 HMR)	BA	2	1-Nil	5	1	Nil	67
CZ-455FS (.22 LR)	BA	1	Nil	5	1	Nil	44
CZ-455FS (.22 WMR)	BA	1	Nil	5	1	Nil	56
CZ-455 Varmint (.17 HMR)	BA	2	1-Nil	5	1	Nil	68
CZ-455 Varmint (.22 LR)	BA	1	Nil	5	1	Nil	44
CZ-455 Varmint (.22 WMR)	BA	1	Nil	5	1	Nil	57
CZ-455 Varmint Evolution (.17 HMR)	BA	2	1-Nil	5	1	Nil	58
CZ-455 Varmint Evolution (.22 LR)	BA	1	Nil	5	1	Nil	44
CZ-455 Varmint Precision Hunter	BA	1	Nil	5	1	Nil	43

CZ-513 Basic

Notes: This new Czech small-caliber rifle is designed for the first time shooter and for practice shooting. It is a simplified version of the CZ-452, and has a plain beechwood stock, non-adjustable iron sights with no drilling and tapping for a scope, and a non-adjustable trigger. It is a compact and easy-to-use weapon.

The earlier CZ-513 Farmer has a larger magazine, an adjustable rear sight, and a slightly longer barrel.

Twilight 2000 Notes: This weapon exists only in Eastern Europe.

Weapon	Ammunition	Weight	Magazines	Price
CZ-513 Basic	.22 Long Rifle	2.42 kg	5	\$271
CZ-513 Farmer	.22 Long Rifle	2.8 kg	10	\$272



Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CZ-513 Basic	BA	1	Nil	6	1	Nil	47
CZ-513 Farmer	BA	1	Nil	6	1	Nil	47

**CZ-527**

Notes: This is a Czech hunting rifle popular in Eastern Europe and some parts of Africa and the Middle East. As CZ (Ceska Zbrojovka) manufactured a large amount of Mauser rifles for the Nazis after being taken over during World War 2, they have put a lot of that experience into building its line of sporting rifles, including the 527 series. The 527 is designed for smaller calibers. The Lux version has a longer barrel and is built of stronger, but lighter alloys and superior woods. The CZ-527 American was, of course, designed for export to the US (and North American) market, and uses an American-style stock, some different calibers, a single set trigger, and rings for American-built scopes; it has no iron sights. Wood or synthetic stocks are available. The CZ-527 Carbine is made in both a small-caliber and intermediate-caliber model, and is designed to be a brush gun, with open iron sights and light weight, and a short barrel. It has a single set trigger. The CZ-527 Varmint fires, in addition to 5.56mm NATO, the .17 Remington cartridge. The 5.56mm NATO version has a synthetic stock; the .17 Remington version has a walnut stock. It has a single set trigger and a much longer barrel than other models. There are no iron sights, but the Varmint has rings for a scope. .17 Hornet is a new chambering for 2013, made available because of the beginning of factory production of the cartridge and because of the greater power of the .17 Hornet.

A subset of the American, the M-1 American, improves on the aesthetics and ergonomics of the base American. It features lighter-colored wood, a more ergonomic pistol grip wrist, an improved trigger guard and a smaller, flush-fitting magazine. It comes in both wood-stocked and synthetic-stocked versions. The barrel is the same 21.9-inch design. A subset of the Varmint, the Varmint Target, was introduced at the same time; this has an unusually shaped stock with a hooked butt, allowing for more cheek rest space and a deep pistol grip wrist. (The pistol grip wrist is almost vertical.) The fore-end is narrower than on the Varmint, but has a palm swell; it also has two sling swivels, either of which can be used as bipod attachment points. The stock is of Kevlar/composites with a recoil pad, while the 24-inch medium-profile barrel is target-crowned. The Varmint Target, though descended from the Varmint, hardly resembles the Varmint externally, and is meant primarily for competition.

Twilight 2000 Notes: Of course, the CZ-527 American is not available. The CZ-527 Varmint does not exist either.

Weapon	Ammunition	Weight	Magazines	Price
CZ-527	.22 Hornet	2.8 kg	5	\$638
CZ-527	.22 Long Rifle	2.8 kg	5	\$245
CZ-527	.222 Remington	2.8 kg	5	\$745
CZ-527	5.56mm NATO	2.8 kg	5	\$754
CZ-527 FS	.22 Hornet	2.7 kg	5	\$696
CZ-527 FS	.22 Long Rifle	2.7 kg	5	\$269
CZ-527 FS	.222 Remington	2.7 kg	5	\$758
CZ-527 FS	5.56mm NATO	2.7 kg	5	\$777
CZ-527 Lux	.22 Hornet	2.7 kg	5	\$662
CZ-527 Lux	.22 Long Rifle	2.7 kg	5	\$269
CZ-527 Lux	.222 Remington	2.7 kg	5	\$769
CZ-527 Lux	5.56mm NATO	2.7 kg	5	\$778
CZ-527 American	.17 Hornady Magnum Rimfire	2.8 kg	5	\$305
CZ-527 American	.17 Hornet	2.8 kg	5	\$499
CZ-527 American	.22 Hornet	2.8 kg	5	\$674
CZ-527 American	.222 Remington	2.8 kg	5	\$772
CZ-527 American	5.56mm NATO	2.8 kg	5	\$791
CZ-527 American	.221 Fireball	2.8 kg	5	\$679
CZ-527 M-1 American	5.56mm NATO	2.8 kg	3	\$789
CZ-527 Carbine	5.56mm NATO	2.7 kg	5	\$757
CZ-527 Carbine	7.62mm Kalashnikov	2.7 kg	5	\$1122
CZ-527 Varmint	.17 Hornady Magnum Rimfire	3.4 kg	5	\$305
CZ-527 Varmint	.17 Remington	3.4 kg	5	\$533
CZ-527 Varmint	.17 Remington	3.4 kg	5	\$593
CZ-527 Varmint	5.56mm NATO	3.4 kg	5	\$813
CZ-527 Varmint	.222 Remington	3.4 kg	5	\$804
CZ-527 Varmint Target	.204 Ruger	3.41 kg	5	\$836
CZ-527 Varmint Target	5.56mm NATO	3.41 kg	5	\$909

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CZ-527/CZ-527 Lux (.22 Hornet)	BA	3	1-Nil	7	3	Nil	58
CZ-527/CZ-527 Lux (.22 Long Rifle)	BA	-1	Nil	7	1	Nil	41
CZ-527/CZ-527 Lux (.222)	BA	3	1-Nil	7	3	Nil	55

CZ-527/CZ-527 Lux (5.56mm)	BA	3	1-Nil	7	3	Nil	53
CZ-527 FS (.22 Hornet)	BA	3	1-Nil	6	3	Nil	65
CZ-527 FS (.22 Long Rifle)	BA	-1	Nil	6	1	Nil	46
CZ-527 FS (.222)	BA	3	1-Nil	6	3	Nil	65
CZ-527 FS (5.56mm)	BA	3	1-Nil	6	3	Nil	63
CZ-527 American (.17 HMR)	BA	2	1-Nil	6	2	Nil	84
CZ-527 American (.17 Hornet)	BA	2	1-1-Nil	6	2	Nil	73
CZ-527 American (.22 Hornet)	BA	3	1-Nil	6	3	Nil	70
CZ-527 American (.222)	BA	3	1-Nil	6	3	Nil	71
CZ-527 American (5.56mm)	BA	3	1-Nil	6	3	Nil	69
CZ-527 American (.221)	BA	3	1-Nil	6	3	Nil	70
CZ-527 M-1 American	BA	3	1-Nil	6	3	Nil	69
CZ-527 Carbine (5.56mm)	BA	3	1-Nil	6	3	Nil	54
CZ-527 Carbine (7.62mm)	BA	4	2-Nil	6	5	Nil	61
CZ-527 Varmint (.17 HMR)	BA	2	1-Nil	5	1	Nil	69
CZ-527 Varmint (.17 Hornet)	BA	2	1-1-Nil	6	2	Nil	85
CZ-527 Varmint (.17 Remington)	BA	2	1-Nil	6	2	Nil	58
CZ-527 Varmint (5.56mm)	BA	3	1-Nil	7	3	Nil	76
CZ-527 Varmint (.222)	BA	3	1-Nil	7	3	Nil	82
CZ-527 Varmint Target (.204)	BA	3	1-Nil	7	2	Nil	72
CZ-527 Varmint Target (5.56mm)	BA	3	1-Nil	7	2	Nil	81

CZ-537

Notes: This is basically a CZ-527 chambered for larger calibers. However, the box magazine is not standard on this weapon, though it is available; instead, most of these weapons are equipped with an internal magazine. The Sport version was designed for target shooting and comes with an optical scope; the Sniper version comes both with a telescopic scope and a bipod.

Weapon	Ammunition	Weight	Magazines	Price
CZ-537	.243 Winchester	3.32 kg	5 or 4-Internal	\$1012
CZ-537	6.5mm Swedish Mauser	3.32 kg	5 or 4-Internal	\$1196
CZ-537	.270 Winchester	3.32 kg	5 or 4-Internal	\$1452
CZ-537	7mm Mauser	3.32 kg	5 or 4-Internal	\$1381
CZ-537	7x64mm Brenneke	3.32 kg	5 or 4-Internal	\$1511
CZ-537	7.62mm NATO	3.32 kg	5 or 4-Internal	\$1443
CZ-537	7.62mm Nagant	3.32 kg	5 or 4-Internal	\$1518
CZ-537 FS	.243 Winchester	3.09 kg	5 or 4-Internal	\$994
CZ-537 FS	6.5mm Swedish Mauser	3.09 kg	5 or 4-Internal	\$1164
CZ-537 FS	.270 Winchester	3.09 kg	5 or 4-Internal	\$1440
CZ-537 FS	7mm Mauser	3.09 kg	5 or 4-Internal	\$1349
CZ-537 FS	7x64mm Brenneke	3.09 kg	5 or 4-Internal	\$1484
CZ-537 FS	7.62mm NATO	3.09 kg	5 or 4-Internal	\$1411
CZ-537 FS	7.62mm Nagant	3.09 kg	5 or 4-Internal	\$1486
CZ-537 Sport	7.62mm NATO	4.71 kg	4-Internal	\$1615
CZ-537 Sport	7.62mm Nagant	4.71 kg	4-Internal	\$1690
CZ-537 Sniper	7.62mm NATO	5.27 kg	4-Internal	\$2256
CZ-537 Sniper	7.62mm Nagant	5.27 kg	4-Internal	\$2331

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CZ-537 (.243)	BA	3	2-Nil	7	3	Nil	73
CZ-537 (6.5mm)	BA	4	2-Nil	7	4	Nil	75
CZ-537 (.270)	BA	4	2-3-Nil	7	4	Nil	67
CZ-537 (7mm)	BA	4	2-3-Nil	7	4	Nil	78
CZ-537 (7x64mm)	BA	4	2-3-Nil	7	5	Nil	70
CZ-537 (7.62mm NATO)	BA	4	2-3-Nil	7	5	Nil	87
CZ-537 (7.62mm Nagant)	BA	4	2-3-Nil	7	5	Nil	88
CZ-537 FS (.243)	BA	3	2-Nil	7	3	Nil	58
CZ-537 FS (6.5mm)	BA	3	2-Nil	7	4	Nil	61
CZ-537 FS (.270)	BA	4	2-3-Nil	7	4	Nil	54
CZ-537 FS (7mm)	BA	4	2-3-Nil	7	5	Nil	63

CZ-537 FS (7x64mm)	BA	4	2-3-Nil	7	5	Nil	56
CZ-537 FS (7.62mm NATO)	BA	4	2-3-Nil	7	5	Nil	71
CZ-537 FS (7.62mm Nagant)	BA	4	2-3-Nil	7	5	Nil	71
CZ-537 Sport (7.62mm NATO)	BA	4	2-3-Nil	7	4	Nil	98
CZ-537 Sport (7.62mm Nagant)	BA	4	2-3-Nil	7	4	Nil	98
CZ-537 Sniper (7.62mm NATO)	BA	4	2-3-Nil	7	4	Nil	98
CZ-537 Sniper (7.62mm NATO, Bipod)	BA	4	2-3-Nil	7	2	Nil	127
CZ-537 Sniper (7.62mm Nagant)	BA	4	2-3-Nil	7	4	Nil	98
CZ-537 Sniper (7.62mm Nagant, Bipod)	BA	4	2-3-Nil	7	2	Nil	128

CZ-550

Notes: The CZ-550 is a bolt-action hunting rifle produced primarily with the export market in mind. The stocks are made from walnut, and have a thick recoil pad at the butt. It has no iron sights, only rings for a telescopic sight. The controls are handy and easy to manipulate.

In recent years, a few more models have been added. The CZ-550 American is designed with the North American export market in mind; it uses an American-style stock and fires slightly-different calibers, and has a longer barrel than most CZ-550s. It has no iron sights, and is equipped with scope rings that will mount most US and Canadian telescopic sights. The American Kevlar has a Kevlar/composite stock and is chambered only for 6.5mm Swedish, 9.3x62mm Mauser, .30-06, and .270, but is otherwise identical to the American in game terms. The CZ-550 Varmint has a long 25.6-inch barrel and a single set trigger; it comes only in two calibers, and can have a synthetic or wooden stock. There are no iron sights, but scope rings are provided. It is meant primarily for North American export.

The CZ-550 American Safari Magnum is a variant of the CZ-550 Magnum firing a different mix of powerful cartridges and using American styling in the stock. They are equipped with rubber recoil pads, scope rings (with express backup iron sights), and synthetic or wooden stocks (which may be finished with simple lacquer or laminated). Barrel length of these versions is 24 inches.

The CZ-550 Safari Magnum (also known as the Brno-602) and Medium Magnum are designed for the European market, though they have been exported elsewhere; the Safari Magnum fires a slightly different mix of ammunition than the standard Magnum, but uses the same sort of European stock; the Medium Magnum fires only 7mm Remington Magnum and is a rather light magnum rifle. The Safari Magnum has scope rings and express iron sights; the Medium Magnum has scope rings and standard Iron sights.

The Ultimate Hunter (also called the CZ-550 UHR, for Ultimate Hunting Rifle) is new for 2006; it features a 23.6-inch heavy free-floating barrel, and extreme attention has been given to the fit and finish of the rifle to make it as accurate and tough as possible. The Ultimate Hunter comes with a proprietary sight base which can mount most civilian scopes in the world today. (There are no iron sights.) *Shooting Times* magazine says the tolerances are so tight on the Ultimate Hunter as to be nonexistent. The stock is of checkered American Walnut, with a thick rubber recoil pad on the butt, and finished in natural color and weatherproofed. The metalwork is satin blued. A second version, the UHR Kevlar, has a Kevlar/composite stock, but is actually heavier than the wood-stocked version. Currently only one chambering is available; it is not known whether other chamberings are planned, but I'd say it's a safe bet that there are.

The CZ-550 HET (High Energy Tactical) was designed specifically for the USSOCOM Precision Tactical Rifle program, but is also available for civilian sales. The HET features a heavy, match-quality barrel, 26 or 28 inches long tipped by a muzzle brake. It's a heavy rifle; the rifle is available in three calibers, though the version being tested by SOCOM is in .338 Lapua Magnum with a 26-inch barrel. The HET features most of the features that make the CZ-550 a great rifle, but also has a massive claw-type extractor and an extended bolt knob. The pocket of the pistol grip wrist is deep, and the bolt is relieved to clear any optics. The butt has a thick recoil pad, and the stock has a raised cheekpiece. The HET is a sniper rifle, but is included here for completeness.

In November of 2010, CZ-USA (CZ's offices and plant in the Kansas City) announced a budget version of the CZ-550, the CZ-557 Sporter. The *real-world* price of the CZ-557 is much lower than that of a CZ-550 of the same caliber, due to the use of lower-priced hardwood for the stock and a shorter 20.6-inch barrel (the game price is not much different, however). However, the forged receiver, integral scope mount dovetails, and hammer-forged barrel were retained; in addition, a short extractor and plunger-style ejector are used to increase reliability. The CZ-557 uses a trigger which is user-adjustable for pull weight, pull length, and overtravel, and the safety allows the bolt to be cycled without allowing the weapon to fire.

The CZ-550 Carbon Kevlar is sort of a test of a new lightweight and weatherproof rifle. The stock is otherwise American pattern, with a 20.6-inch specially-bedded cold hammer forged barrel. External metalwork is blued; the Kevlar is gray. The Medium is the same rifle, but chambered for 7mm Magnum and has a longer, heavier 23.6-inch barrel; there is also a Medium Kevlar version of the Medium; it is another case where the synthetic stock version is heavier than the wood stock version.

Twilight 2000 Notes: The "American" variants (including the Ultimate Hunter), the Safari Magnum, the HET, the CZ-557, and the Medium Magnum) do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
CZ-550	.243 Winchester	3.3 kg	6	\$1087
CZ-550	.270 Winchester	3.3 kg	5	\$1547
CZ-550	7.62mm NATO	3.3 kg	4	\$1518
CZ-550	.30-06 Springfield	3.3 kg	4	\$1800
CZ-550	9.3x66mm Sako	3.3 kg	4	\$2909

CZ-550FS	6.5mm Swedish Mauser	3.1 kg	4 Internal	\$1240
CZ-550FS	.270 Winchester	3.1 kg	4 Internal	\$1516
CZ-550FS	7mm Mauser	3.1 kg	4 Internal	\$1425
CZ-550FS	7x64mm Brenneke	3.1 kg	4 Internal	\$1561
CZ-550FS	.30-06 Springfield	3.1 kg	4 Internal	\$1769
CZ-550FS	9.3x62mm Mauser	3.1 kg	4 Internal	\$2805
CZ-550FS	.243 Winchester	3.1 kg	5	\$1055
CZ-550FS	7.62mm NATO	3.1 kg	5	\$1486
CZ-550 Battue	.243 Winchester	3.1 kg	6	\$1055
CZ-550 Battue	.270 Winchester	3.1 kg	5	\$1515
CZ-550 Battue	7.62mm NATO	3.1 kg	4	\$1486
CZ-550 Battue	.30-06 Springfield	3.1 kg	4	\$1768
CZ-550 Lux	6.5mm Swedish Mauser	3.3 kg	4 Internal	\$1272
CZ-550 Lux	.270 Winchester	3.3 kg	4 Internal	\$1548
CZ-550 Lux	7mm Mauser	3.3 kg	4 Internal	\$1457
CZ-550 Lux	7x64mm Brenneke	3.3 kg	4 Internal	\$1593
CZ-550 Lux	.30-06 Springfield	3.3 kg	4 Internal	\$1801
CZ-550 Lux	9.3x62mm Mauser	3.3 kg	4 Internal	\$2901
CZ-550 Lux	.243 Winchester	3.3 kg	5	\$1087
CZ-550 Lux	7.62mm NATO	3.3 kg	5	\$1518
CZ-550 Magnum	7mm Remington Magnum	4.2 kg	5 Internal	\$1588
CZ-550 Magnum	.300 Winchester Magnum	4.2 kg	5 Internal	\$2359
CZ-550 Magnum	.375 H&H Magnum	4.2 kg	5 Internal	\$3310
CZ-550 Magnum	.416 Remington Magnum	4.2 kg	5 Internal	\$3883
CZ-550 Magnum	.458 Winchester Magnum	4.2 kg	5 Internal	\$4074
CZ-550 American	.22-250 Remington	3.3 kg	4	\$856
CZ-550 American	.243 Winchester	3.3 kg	4	\$1012
CZ-550 American	6.5mm Swedish Mauser	3.3 kg	5 Internal	\$1197
CZ-550 American	.270 Winchester	3.3 kg	5 Internal	\$1473
CZ-550 American	7.62mm NATO	3.3 kg	4	\$1443
CZ-550 American	.30-06 Springfield	3.3 kg	5 Internal	\$1727
CZ-550 American	9.3x62mm Mauser	3.3 kg	5 Internal	\$2744
CZ-550 Varmint	.22-250 Remington	4.77 kg	4	\$876
CZ-550 Varmint	7.62mm NATO	4.77 kg	4	\$1463
CZ-550 American Safari Magnum	.375 H&H Magnum	4.51 kg	5 Internal	\$3277
CZ-550 American Safari Magnum	.416 H&H Magnum	4.51 kg	3 Internal	\$3879
CZ-550 American Safari Magnum	.416 Rigby	4.51 kg	3 Internal	\$3932
CZ-550 American Safari Magnum	.416 Remington Magnum	4.51 kg	3 Internal	\$3504
CZ-550 American Safari Magnum	.458 Winchester Magnum	4.51 kg	3 Internal	\$4068
CZ-550 American Safari Magnum	.458 Lott	4.51 kg	3 Internal	\$4457
CZ-550 American Safari Magnum	.505 Gibbs	4.51 kg	3 Internal	\$5840
CZ-550 Safari Magnum	.300 Winchester Magnum	4.2 kg	5 Internal	\$2306
CZ-550 Safari Magnum	.375 H&H Magnum	4.2 kg	5 Internal	\$3277
CZ-550 Safari Magnum	.416 Rigby	4.2 kg	5 Internal	\$3904
CZ-550 Safari Magnum	.458 Winchester Magnum	4.51 kg	3 Internal	\$4040
CZ-550 Medium Magnum	7mm Remington Magnum	3.3 kg	3 Internal	\$1512
CZ-550 Ultimate Hunter	.300 Winchester Magnum	6.63 kg	3	\$2385
CZ-550 Ultimate Hunter Kevlar	.300 Winchester Magnum	6.73 kg	3	\$2395
CZ-550 HET (26" Barrel)	.300 Winchester Magnum	6.3 kg	5	\$2841
CZ-550 HET (28" Barrel)	.300 Winchester Magnum	6.42 kg	5	\$2906
CZ-550 HET (26" Barrel)	.300 Remington UltraMag	6.47 kg	5	\$2976
CZ-550 HET (28" Barrel)	.300 Remington UltraMag	6.59 kg	5	\$3042
CZ-550 HET (26" Barrel)	.338 Lapua Magnum	6.77 kg	4	\$3209
CZ-550 HET (28" Barrel)	.338 Lapua Magnum	6.9 kg	4	\$3262
CZ-557 Sporter	.30-06 Springfield	3.54 kg	4 Internal	\$1763
CZ-550 Carbon Kevlar	.30-06 Springfield	3.18 kg	5 Internal	\$1750
CZ-550 Carbon Kevlar	9.3x62mm Mauser	3.18 kg	5 Internal	\$2726
CZ-550 Medium	7mm Remington Magnum	3.3 kg	5 Internal	\$1586
CZ-550 Medium Kevlar	7mm Remington Magnum	3.6 kg	5 Internal	\$1599



Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CZ-550 (.243)	BA	3	2-Nil	7	3	Nil	73
CZ-550 (.270)	BA	4	2-3-Nil	7	3	Nil	67
CZ-550 (7.62mm)	BA	4	2-3-Nil	7	4	Nil	87
CZ-550 (.30-06)	BA	4	2-3-Nil	7	4	Nil	76
CZ-550 (9.3x66)	BA	6	1-3-Nil	8	6	Nil	115
CZ-550FS (6.5mm)	BA	3	2-Nil	6	4	Nil	61
CZ-550FS (.270)	BA	4	2-3-Nil	7	4	Nil	54
CZ-550FS (7mm)	BA	4	2-3-Nil	6	4	Nil	63
CZ-550FS (7x64mm)	BA	4	2-3-Nil	7	4	Nil	56
CZ-550FS (.30-06)	BA	4	2-3-Nil	7	4	Nil	61
CZ-550FS (9.3x62mm)	BA	5	2-4-Nil	7	5	Nil	71
CZ-550FS (.243)	BA	3	2-Nil	6	3	Nil	59
CZ-550FS (7.62mm)	BA	4	2-3-Nil	7	4	Nil	71
CZ-550 Battue (.243)	BA	3	2-Nil	6	3	Nil	59
CZ-550 Battue (.270)	BA	4	2-3-Nil	7	4	Nil	54
CZ-550 Battue (7.62mm)	BA	4	2-3-Nil	7	4	Nil	71
CZ-550 (.30-06)	BA	4	2-3-Nil	7	4	Nil	61
CZ-550 Lux (6.5mm)	BA	4	2-Nil	7	4	Nil	75
CZ-550 Lux (.270)	BA	4	2-3-Nil	7	4	Nil	67
CZ-550 Lux (7mm)	BA	4	2-3-Nil	7	4	Nil	78
CZ-550 Lux (7x64mm)	BA	4	2-3-Nil	7	4	Nil	70
CZ-550 Lux (.30-06)	BA	4	2-3-Nil	7	4	Nil	76
CZ-550 Lux (9.3x62mm)	BA	5	2-4-Nil	8	5	Nil	88
CZ-550 Lux (7.62mm)	BA	4	2-3-Nil	7	4	Nil	87
CZ-550 Lux (.243)	BA	3	2-Nil	7	3	Nil	73
CZ-550 Magnum (7mm)	BA	4	1-2-3	7	3	Nil	84
CZ-550 Magnum (.300)	BA	5	2-3-Nil	7	4	Nil	87
CZ-550 Magnum (.375)	BA	7	1-3-5	8	5	Nil	97
CZ-550 Magnum (.416)	BA	7	1-3-5	8	5	Nil	105
CZ-550 Magnum (.458 Win)	BA	7	1-3-5	8	5	Nil	106
CZ-550 American (.22-250)	BA	3	1-Nil	7	3	Nil	72
CZ-550 American (.243)	BA	3	2-Nil	7	3	Nil	73
CZ-550 American (6.5mm)	BA	4	2-Nil	7	4	Nil	75
CZ-550 American (.270)	BA	4	2-3-Nil	7	5	Nil	67
CZ-550 American (7.62mm)	BA	4	2-3-Nil	7	5	Nil	87
CZ-550 American (.30-06)	BA	4	2-3-Nil	7	5	Nil	76
CZ-550 American (9.3x62mm)	BA	5	2-4-Nil	8	6	Nil	88
CZ-550 Varmint (.22-250)	BA	3	2-Nil	7	2	Nil	78
CZ-550 Varmint (7.62mm)	BA	4	2-3-Nil	7	4	Nil	98
CZ-550 American Safari Magnum (.375)	BA	7	1-3-5	8	5	Nil	99
CZ-550 American Safari Magnum (.416 H&H)	BA	7	1-3-5	8	5	Nil	108
CZ-550 American Safari Magnum (.416 Rigby)	BA	7	1-3-5	8	5	Nil	108
CZ-550 American Safari Magnum (.416 Win Mag)	BA	7	1-3-5	8	5	Nil	108
CZ-550 American Safari Magnum (.458 Win)	BA	8	1-3-5	8	5	Nil	108
CZ-550 American Safari Magnum (.458 Lott)	BA	8	1-2-3	9	6	Nil	108
CZ-550 American Safari Magnum (.505)	BA	9	1-2-3	9	6	Nil	124
CZ-550 Safari Magnum (.300)	BA	5	2-3-Nil	8	4	Nil	94
CZ-550 Safari Magnum (.375)	BA	7	1-3-5	8	6	Nil	106
CZ-550 Safari Magnum (.416)	BA	7	1-3-5	8	6	Nil	115
CZ-550 Safari Magnum (.458 Win)	BA	8	1-3-5	9	6	Nil	115
CZ-550 Medium Magnum	BA	4	1-2-3	7	5	Nil	84
CZ-550 Ultimate Hunter	BA	5	1-2-3	7	3	Nil	93
CZ-550 Ultimate Hunter Kevlar	BA	5	1-2-3	7	3	Nil	93
CZ-550 HET (26", .300 Win Mag)	BA	5	2-3-Nil	8	2	Nil	91
With Bipod	BA	5	2-3-Nil	9	1	Nil	118
CZ-550 HET (28", .300 Win Mag)	BA	5	1-2-3	9	2	Nil	102



With Bipod	BA	5	1-2-3	9	1	Nil	132
CZ-550 HET (26", .300 RUM)	BA	5	1-2-3	8	2	Nil	111
With Bipod	BA	5	1-2-3	8	1	Nil	144
CZ-550 HET (28", .300 RUM)	BA	6	1-3-Nil	9	3	Nil	124
With Bipod	BA	6	1-3-Nil	9	1	Nil	161
CZ-550 HET (26", .338)	BA	6	1-3-Nil	9	3	Nil	115
With Bipod	BA	6	1-3-Nil	9	1	Nil	150
CZ-550 HET (28", .338)	BA	6	1-3-Nil	9	3	Nil	129
With Bipod	BA	6	1-3-Nil	9	1	Nil	168
CZ-557 Sporter	BA	4	2-3-Nil	7	4	Nil	62
CZ-550 Carbon Kevlar (.30-06)	BA	4	2-3-Nil	7	5	Nil	82
CZ-550 Carbon Kevlar (9.3x62mm)	BA	5	2-3-Nil	7	5	Nil	71
CZ-550 Medium/Medium Kevlar	BA	4	1-2-3	7	4	Nil	87
CZ-550 Medium Kevlar	BA	4	1-2-3	7			

**CZ Safari Classics Express Rifles**

Notes: The CZ Safari Classics line is actually a product of CZ's USA subsidiary; the movement for the Safari Classics' design began in the US, and though they are now sold all over the world, their primary sales are in the US and Canada. Most likely, without the end of the Cold War, the Safari Classics would simply not exist.

The Safari Classics grew out of the CZ-550 and CZ-550 American Safari Magnum, and further back, the European Mauser-type express and big game hunting rifles. CZ does have considerable experience with heavy-caliber and high-powered Mauser type rifles, going back to before the Second World War, but they found a ready market for such rifles in post-Cold War America. (Some American hunters are apt to pick a .458 Lott-firing rifle and use it to hunt North American game, which is overkill, but does sell rifles...) The Express and Magnum express rifles are essentially "semi-custom" rifles; one picks a basic rifle form, stock, and the desired caliber, and CZ-USA makes their rifle, to their body measurements and almost any "quirk" they may desire. The trigger pack is also the CZ Single Set-Trigger, which is set at the factory or by a local gunsmith to the shooter's specifications. Finish, especially on the stock, is beautiful, with the stocks being made out of a minimum of #1 fancy-grade American Walnut with a recoil pad, with dual recoil crossbolts. Options include bolt jewellery, a muzzle brake, an ebony fore-end tip, custom glass bedding (including a floating barrel), and sling swivels in up to five places. (These options will not be covered below.) The barrel is generally 24 inches (again, length can be changed by a customer's order), cold-hammer forged, high-quality and made with a CZ secret mix of steels, and premium glass bedding. Iron sights are not generally included with the Express Rifle, but the receiver is dovetailed for scope mounting. The mounts for the scope are included, but rings are extra cost. Even the mounts that come with the rifle are cold-hammer forged.

The chamberings below are representative rather than comprehensive. For the right money, CZ will chamber these rifles for just about any round.

The Magnum Express rifle fires heavy magnum rounds, while the Express fires standard-length rounds. The Magnum Express has a slightly-longer 24.02-inch barrel, negligible for these calculations. The .500 Jeffery and .505 Gibbs have a mercury recoil buffer in addition to the recoil bolts and recoil pad, further decreasing felt recoil.

Twilight 2000 Notes: These rifles do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Express Rifle	.270 Winchester	3.81 kg	5 Internal	\$1634
Express Rifle	.30-06 Springfield	4.07 kg	5 Internal	\$1886
Express Rifle	.300 Winchester Magnum	4.33 kg	5 Internal	\$2476
Express Rifle	.338 Winchester Magnum	4.53 kg	5 Internal	\$2698
Express Rifle	9.3x62mm Mauser	4.74 kg	5 Internal	\$2934
Express Rifle	9.3x66mm Sako	4.85 kg	5 Internal	\$2988
Express Rifle	.375 Ruger	4.76 kg	5 Internal	\$3187
Express Rifle	.416 Taylor	5.34 kg	5 Internal	\$3528
Express Rifle	.416 Ruger	5.39 kg	5 Internal	\$3704
Express Rifle	.425 Westley Richards	5.66 kg	5 Internal	\$4066
Magnum Express Rifle	.300 H&H Magnum	4.68 kg	5 Internal	\$2611
Magnum Express Rifle	.338 Lapua Magnum	4.92 kg	3 Internal	\$2876
Magnum Express Rifle	.338 Winchester Magnum	4.76 kg	5 Internal	\$2698
Magnum Express Rifle	.375 H&H Magnum	5.43 kg	5 Internal	\$3422
Magnum Express Rifle	.404 Jeffery	5.95 kg	3 Internal	\$4079
Magnum Express Rifle	.416 Remington Magnum	5.88 kg	4 Internal	\$3992
Magnum Express Rifle	.450 Rigby	6.42 kg	3 Internal	\$4700
Magnum Express Rifle	.458 Winchester Magnum	6.06 kg	3 Internal	\$4181
Magnum Express Rifle	.458 Lott	6.35 kg	3 Internal	\$4570
Magnum Express Rifle	.500 Jeffery	6.91 kg	3 Internal	\$5435

Magnum Express Rifle	.505 Gibbs	7.27 kg	3 Internal	\$5985
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Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Express Rifle (.270)	BA	4	2-3-Nil	7	3	Nil	74
Express Rifle (.30-06)	BA	4	2-3-Nil	8	3	Nil	84
Express Rifle (.300 Win Mag)	BA	5	1-2-3	8	3	Nil	96
Express Rifle (.338 Win Mag)	BA	6	1-3-Nil	8	4	Nil	111
Express Rifle (9.3mm Mauser)	BA	5	2-4-Nil	8	4	Nil	97
Express Rifle (9.3mm Sako)	BA	6	1-3-Nil	8	5	Nil	116
Express Rifle (.375 Ruger)	BA	6	1-3-Nil	8	4	Nil	117
Express Rifle (.416 Taylor)	BA	7	1-3-5	8	4	Nil	117
Express Rifle (.416 Ruger)	BA	7	1-3-5	8	4	Nil	117
Express Rifle (.425)	BA	7	1-3-5	9	4	Nil	117
Magnum Express Rifle (.300 H&H)	BA	5	1-2-3	8	3	Nil	102
Magnum Express Rifle (.338 Lapua Magnum)	BA	6	1-3-Nil	8	3	Nil	102
Magnum Express Rifle (.338 Win Magnum)	BA	6	1-3-Nil	8	4	Nil	111
Magnum Express Rifle (.375 H&H)	BA	7	1-3-5	8	4	Nil	118
Magnum Express Rifle (.404)	BA	7	1-3-5	9	4	Nil	128
Magnum Express Rifle (.416 Rem Mag)	BA	7	1-3-5	8	4	Nil	128
Magnum Express Rifle (.450)	BA	8	1-2-3	9	4	Nil	128
Magnum Express Rifle (.458 Win Magnum)	BA	8	1-3-5	9	4	Nil	117
Magnum Express Rifle (.458 Lott)	BA	8	1-2-3	9	4	Nil	128
Magnum Express Rifle (.500 Jeffery)	BA	9	1-2-3	9	4	Nil	117
Magnum Express Rifle (.505 Gibbs)	BA	9	1-2-3	9	4	Nil	128

Model 21H

Notes: This is a modification of the Mauser-pattern sporting rifles that had already been so common in Europe by 1937. Like most Mauser-pattern sporting rifles, it had a half-stock. The bolt was shaped to allow for use of a scope, and the safety catch was moved to lock both the firing pin and bolt. The production of this rifle largely stopped in 1940 after the Nazi invasion of Czechoslovakia, but picked up again in 1946 and continued until 1950.

Weapon	Ammunition	Weight	Magazines	Price
Model 21H	6.5mm Mauser	2.58 kg	5 Clip	\$1212
Model 21H	7mm Mauser	2.64 kg	5 Clip	\$1366
Model 21H	7mm Brenneke	2.7 kg	5 Clip	\$1500
Model 21H	8mm Mauser	2.82 kg	5 Clip	\$1696
Model 21H	8x60mm RWS	2.9 kg	5 Clip	\$1730
Model 21H	9x57mm Mauser	3.25 kg	5 Clip	\$2452

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 21H (6.5mm)	BA	4	2-Nil	7	5	Nil	66
Model 21H (7mm Mauser)	BA	4	2-3-Nil	7	5	Nil	70
Model 21H (7mm Brenneke)	BA	4	2-3-Nil	7	5	Nil	63
Model 21H (8mm Mauser)	BA	4	2-3-Nil	7	5	Nil	79
Model 21H (8x60mm)	BA	4	2-3-Nil	7	5	Nil	75
Model 21H (9mm)	BA	5	2-4-Nil	7	6	Nil	79

SC-550 Safari Classic

Notes: This is a big-game, classic-cartridge variant of the CZ-550 Safari Magnum, firing a variety of exotic rounds. They are generally similar in construction and form to the CZ-550 Safari Magnum, but constructed in a more heavy-duty manner, with heavier and higher-grade steel, stronger stocks, a heavier barrel, and a set trigger. Metalwork is either polished blue or matte blue. The stocks are of American walnut (these rifles are actually made by CZ-USA's operation in Utah), and have a straight-comb stock with a pistol grip wrist which is checkered along with the fore-end. The butts have thick rubber recoil pads, which unfortunately do not help much due to the powerful ammunition used. Barrels for the SC-550 are 24 inches. They are drilled and tapped for a scope mount, and also have iron stalking-type sights.

Twilight 2000 Notes: These rifles are not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Safari Classic	.300 H&H Magnum	4.53 kg	5 Internal	\$2516
Safari Classic	.404 Jeffery	4.53 kg	4 Internal	\$4007
Safari Classic	.450 Rigby	4.53 kg	3 Internal	\$4605
Safari Classic	.500 Jeffery	4.97 kg	3 Internal	\$5265
Safari Classic	.505 Gibbs	4.97 kg	3 Internal	\$5815

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Safari Classic (.300)	BA	5	1-2-3	8	4	Nil	85
Safari Classic (.404)	BA	7	1-3-5	8	5	Nil	112
Safari Classic (.450)	BA	8	1-2-3	9	6	Nil	112
Safari Classic (.500)	BA	8	1-2-3	9	6	Nil	112
Safari Classic (.505)	BA	9	1-2-3	9	6	Nil	112

ZG-47

Notes: This is a bolt-action sporting rifle produced from 1949-1963. It is based on a Mauser action, but with a radial safety catch. The ZG-47 was considered to be the finest of all Czech sporting rifles, but was nevertheless eventually superseded by the ZKK-600 and taken out of production.

Weapon	Ammunition	Weight	Magazines	Price
ZG-47	6.5mm Mauser	2.72 kg	4 Internal	\$1185
ZG-47	.270 Winchester	3.08 kg	4 Internal	\$1478
ZG-47	7mm Mauser	2.74 kg	4 Internal	\$1387
ZG-47	7mm Brenneke	2.73 kg	4 Internal	\$1523
ZG-47	.30-06 Springfield	2.93 kg	4 Internal	\$1731
ZG-47	8mm Mauser	2.67 kg	4 Internal	\$1719
ZG-47	8x60mm RWS	2.33 kg	4 Internal	\$1753
ZG-47	8mm Brenneke	2.63 kg	4 Internal	\$2403
ZG-47	9.3mm Mauser	3.15 kg	4 Internal	\$2749
ZG-47	10.75x68mm Mauser	4.63 kg	4 Internal	\$3729

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
ZG-47 (6.5mm)	BA	4	2-Nil	7	5	Nil	76
ZG-47 (.270)	BA	4	2-3-Nil	7	5	Nil	67
ZG-47 (7mm Mauser)	BA	4	2-3-Nil	7	5	Nil	78
ZG-47 (7mm Brenneke)	BA	4	2-3-Nil	7	5	Nil	70
ZG-47 (.30-06)	BA	4	2-3-Nil	7	5	Nil	76
ZG-47 (8mm Mauser)	BA	4	2-3-Nil	7	6	Nil	88
ZG-47 (8x60mm RWS)	BA	4	2-3-Nil	8	6	Nil	83
ZG-47 (8mm Brenneke)	BA	5	2-3-Nil	8	6	Nil	78
ZG-47 (9.3mm)	BA	5	2-4-Nil	8	6	Nil	88
ZG-47 (10.75mm)	BA	6	2-4-Nil	8	6	Nil	88

ZKB-680 Fox II

Notes: This is basically a CZ-365 with a traditional short-action instead of the miniaturized long-action of the CZ-365. It uses a wing-type safety. The ZKB-680 had only modest success.

Weapon	Ammunition	Weight	Magazines	Price
ZKB-680	.222 Remington	2.62 kg	5	\$797

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
ZKB-680	BA	3	1-Nil	7	3	Nil	77

ZKK-600

Notes: This is the most successful Eastern European sporting rifle since the end of World War 2, with production in the hundreds of thousands. It is basically a Mauser rifle made with 1960s technology. Set triggers could be obtained if the buyer desired, and they were very popular and common. For a brief time after World War 2, the Czech Army considered a variant of the ZKK-600 for use as a sniper rifle. Three versions were built: the ZKK-600, ZKK-601, and ZKK-602, all designed for different mixes of cartridges.

Weapon	Ammunition	Weight	Magazines	Price
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ZKK-600	.270 Winchester	3.11 kg	5	\$1471
ZKK-600	7mm Mauser	2.73 kg	5	\$1380
ZKK-600	7mm Brenneke	2.78 kg	5	\$1515
ZKK-600	.30-06 Springfield	3.12 kg	5	\$1722
ZKK-600	8mm Mauser	3.07 kg	5	\$1710
ZKK-600	8x60mm RWS	3.13 kg	5	\$1744
ZKK-600	8mm Brenneke	3.71 kg	5	\$2393
ZKK-600	10.75x68mm Mauser	5.62 kg	4	\$3711
ZKK-601	.222 Remington	3.27 kg	6	\$792
ZKK-601	.222 Remington Magnum	3.35 kg	6	\$839
ZKK-601	5.56mm NATO	3.26 kg	5	\$811
ZKK-601	.243 Winchester	3.6 kg	5	\$1013
ZKK-601	7.62mm NATO	4.15 kg	5	\$1442
ZKK-602	.300 Winchester Magnum	4.2 kg	5	\$2310
ZKK-602	8x68mm RWS	4.51 kg	5	\$2494
ZKK-602	.358 Norma Magnum	4.83 kg	5	\$2781
ZKK-602	.375 H&H Magnum	5.32 kg	5	\$3266
ZKK-602	.404 Jeffrey	5.89 kg	5	\$3946
ZKK-602	.416 Rigby	5.7 kg	5	\$3890
ZKK-602	.458 Winchester Magnum	6.16 kg	5	\$4025

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
ZKK-600 (.270)	BA	4	2-3-Nil	7	5	Nil	67
ZKK-600 (7mm Mauser)	BA	4	2-3-Nil	7	5	Nil	78
ZKK-600 (7mm Brenneke)	BA	4	2-3-Nil	7	5	Nil	70
ZKK-600 (.30-06)	BA	4	2-3-Nil	7	5	Nil	76
ZKK-600 (8mm Mauser)	BA	4	2-3-Nil	7	5	Nil	88
ZKK-600 (8x60mm)	BA	4	2-3-Nil	8	5	Nil	83
ZKK-600 (8mm Brenneke)	BA	5	2-3-Nil	8	5	Nil	78
ZKK-600 (10.75x68mm)	BA	6	2-4-Nil	8	5	Nil	88
ZKK-601 (.222)	BA	3	1-Nil	7	3	Nil	77
ZKK-601 (.222 Magnum)	BA	3	1-1-Nil	7	3	Nil	88
ZKK-601 (5.56mm)	BA	3	1-Nil	7	3	Nil	75
ZKK-601 (.243)	BA	3	2-Nil	7	3	Nil	73
ZKK-601 (7.62mm)	BA	4	2-3-Nil	7	4	Nil	87
ZKK-602 (.300)	BA	5	2-3-Nil	8	4	Nil	95
ZKK-602 (8x68mm)	BA	5	1-2-3	8	4	Nil	98
ZKK-602 (.358)	BA	6	1-3-Nil	8	5	Nil	114
ZKK-602 (.375)	BA	7	1-3-5	8	5	Nil	106
ZKK-602 (.404)	BA	7	1-3-5	9	5	Nil	115
ZKK-602 (.416)	BA	7	1-3-5	9	6	Nil	115
ZKK-602 (.458)	BA	8	1-3-5	9	5	Nil	115

ZKM-451

Notes: This is another rifle that was a Koucky design, but produced by Ceska Zbrojovka. It is a bolt-action rimfire sporting rifle that was introduced in 1946 and was an instant success. It is a sturdy rifle with classic features, with a simple half-stock and a semi-pistol-grip wrist. It is grooved for a scope. The design was refined through the years, producing the ZKM-451-Ex (with a tangent rear sight, identical for game purposes); The ZKM-452, with two barrel lengths; the ZKM-454 Training Rifle, used by the military as a training rifle, and externally similar to the VZ-24; the ZKM-455 and 456, target rifles with optical sights, heavy barrels, and improved triggers; and the ZKM-573, an improved ZKM-451 built until 1973.

Weapon	Ammunition	Weight	Magazines	Price
ZKM-451	.22 Long Rifle	2.06 kg	5	\$298
ZKM-452 (23.6" Barrel)	.22 Long Rifle	2.1 kg	5	\$305
ZKM-452 (25" Barrel)	.22 Long Rifle	2.17 kg	5	\$319
ZKM-454	.22 Long Rifle	2.38 kg	5 Clip	\$358
ZKM-455/456	.22 Long Rifle	1.89 kg	5	\$448
ZKM-573	.22 Long Rifle	1.79	5	\$298

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
ZKM-451	BA	1	Nil	5	1	Nil	51
ZKM-452 (23.6")	BA	1	Nil	6	1	Nil	52
ZKM-452 (25")	BA	1	Nil	6	1	Nil	55
ZKM-454	BA	1	Nil	7	1	Nil	62
ZKM-455/456	BA	1	Nil	6	1	Nil	52
ZKM-573	BA	1	Nil	6	1	Nil	52



Schultz & Larson m/42

Notes: Also known as the *Rigspolitikarabin m/42*, this rifle was primarily designed as a sporting weapon, but also has limited issue to the Danish National Police after World War 2. As such, it is sort of a mix of civilian and military features: the bolt mechanism is basically that of a civilian weapon (specifically, it is based on the earlier m/38), but it has a turned-down bolt handle to allow for high-power optics. The stock is of the full-length Mannlicher type, with a rudimentary pistol grip wrist (primarily for ease and inexpensiveness of manufacture), and made of unexceptional hardwood. The bolt can be opened even when the safety is applied, allowing the shooter to ensure his chamber is clear when necessary. The magazine is small, but field-stripping is quite simple, and the entire weapon is essentially "soldier" (or police)-proof. The m/42 has sling swivels, and the iron sights are quite simple, consisting of a plain front blade and a simple U-shaped notch-type sights. Both are adjustable for windage, but not elevation.

Unfortunately, by 1943 (a year after its introduction), Danish arms factories were being sabotaged on almost a daily basis, both by the Nazis and by Danish resistance fighters. Consequently, the m/42 is one of the rarest Danish rifles to be found, with perhaps 600 having been produced before production finally stopped. The Nazis may have used some of them, as did Danish resistance fighters; more may have actually been produced, but if there were more produced, they were lost during World War 2. The m/42 is thus a hot item amongst arms collectors.

Though a very few were converted to fire .30-06 Springfield ammunition after World War 2 (and some collectors have also converted them for other calibers), the m/42 is primarily found in its original chambering: 8mm Danish Krag.

Weapon	Ammunition		Weight	Magazines		Price
m/42	8mm Danish Krag		3.92 kg	4 Clip		\$1713
m/42	.30-06 Springfield		3.93 kg	4 Clip		\$1716

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
m/42 (8mm)	BA	4	2-3-Nil	8	4	Nil	82
m/42 (.30-06)	BA	4	2-3-Nil	8	4	Nil	71

**Tampereen Asepaja Finnbiathlon-22**

Notes: The preferred weapon of European biathlon shooters for several years, the Finnbiathlon-22 features a toggle-lever action that cycles fast and easily, an important asset in biathlon competitions and copied in later designs in several countries. Like most biathlon designs, it has a special harness and aperture rear sights; it also has a frame set into the front left side that carries four extra magazines. The trigger is adjustable, and the butt is adjustable with spacers. Up to 110 grams of counterweights could be added to the fore-end.

Weapon	Ammunition		Weight	Magazines		Price	
Finnbiathlon-22	.22 Long Rifle		4.54 kg	5		\$459	

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Finnbiathlon-22	BA	1	Nil	6	1	Nil	54

Sako 75

Notes: This rifle, introduced in 1997, was originally available in 5 action lengths (with varying barrel lengths depending upon the Action), but Action II (the lengths range from the short Action I to the very long Action V) was dropped in 1999, and I have no information on that action length. However, in 2002, another action length, the Action SM was added, firing short magnum rounds exclusively. There are a number of variants of the Sako 75 (apart from the action lengths), including the Hunter (the basic rifle), the Hunter Lefthand (available in Action IV only, but otherwise identical to the Hunter for game purposes), the Hunter Laminated Stainless (using a laminated gray wood stock and stainless steel metalwork), the Deluxe (high-grade walnut stock which is oiled, polished, and lacquered, an engraved floorplate for the magazine, but otherwise identical to the Hunter for game purposes), the Finnlite (available only in Actions III-V, but much lighter than the standard rifle), the Synthetic Stainless (with a black synthetic stock, stainless steel metalwork, and a green pistol grip wrist and fore-end using soft-touch padded material), the Varmint (Actions I and III only, but with a heavy barrel and Monte Carlo high-grade walnut stock), and the Varmint Laminated Stainless (with a laminated stock, stainless steel metalwork, and somewhat heavier than the Varmint). All of these rifles have walnut stocks (except the Synthetic Stainless), most have checkered pistol grip wrists and fore-ends, and they all have free-floating barrels. The action lengths are not presented separately below; instead, the cartridges the variant may fire are presented together. They are all close enough in weight that they shoot the same, and there are not different lines in the second table below (except for the Finnlite and the Varmint models). The different models also fire different mixes of rounds, and in some cases are made of different materials, therefore they have different entries in the first table below.

In 2005, Sako introduced the 80<sup>th</sup> Anniversary Sako 75 Safari. Only 80 are to be built, and each comes with a letter of authenticity. The only chambering is .375 H&H Magnum. In addition to the standard Sako 75 action, the 80<sup>th</sup> Anniversary version has a controlled feed mechanism for extra reliability. The magazine of this model is fixed, but there is a hinged floorplate for loading, and this floorplate has a special emblem on it denoting its special edition status. The trigger is single-stage, but has a light pull, and is adjustable from 2-4 pounds. The stock is of high-grade oil-finished walnut root with an ebony endcap for the fore-end and a recoil pad for the butt. The 80<sup>th</sup> Anniversary has special adjustable iron sights; in addition, there is a Weaver-style scope base above the receiver. This special edition comes with a Swarovski PVI 1.25-4x24 scope; this scope is affixed to the Weaver rail with special quick-release locks. The barrel is heavy and cold-forged.

It should be noted that the following chamberings are no longer offered by Sako: .17 Remington, .22 PPC, 6mm PPC, 7x64mm Brenneke, 7mm STW, 7mm Remington UltraMag, or any of the Weatherby Magnums. I have not been able to find out when these rounds were dropped.

Twilight 2000 Notes: These rifles do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Sako 75 Hunter	.17 Remington	2.9 kg	5	\$571
Sako 75 Hunter	.222 Remington	3.23 kg	5	\$771
Sako 75 Hunter	5.56mm NATO	3.26 kg	5	\$790
Sako 75 Hunter	.22 PPC	3.3 kg	5	\$720
Sako 75 Hunter	6mm PPC	3.42 kg	5	\$795
Sako 75 Hunter	.22-250 Remington	3.49 kg	5	\$841
Sako 75 Hunter	.243 Winchester	3.73 kg	5	\$996
Sako 75 Hunter	.25-06 Remington	3.6 kg	5	\$1270
Sako 75 Hunter	6.5mm Swedish	3.51 kg	5	\$1184
Sako 75 Hunter	6.5-08 A-Square	3.68 kg	5	\$1331
Sako 75 Hunter	.270 Winchester	3.83 kg	5	\$1458
Sako 75 Hunter	.270 Winchester Short Magnum	3.4 kg	5	\$1265
Sako 75 Hunter	.270 Weatherby Magnum	3.9 kg	5	\$1478
Sako 75 Hunter	7mm-08 Remington	4.11 kg	5	\$1264
Sako 75 Hunter	7mm Remington Magnum	3.94 kg	5	\$1513
Sako 75 Hunter	7x64mm Brenneke	3.87 kg	5	\$1492
Sako 75 Hunter	7mm STW	4.13 kg	5	\$1687
Sako 75 Hunter	7mm Weatherby Magnum	3.98 kg	5	\$1537
Sako 75 Hunter	7mm Remington UltraMag	4.14 kg	5	\$1687
Sako 75 Hunter	7.62mm NATO	4.32 kg	5	\$1425
Sako 75 Hunter	.30-06 Springfield	4.4 kg	5	\$1710
Sako 75 Hunter	.300 Winchester Short Magnum	3.65 kg	5	\$1498
Sako 75 Hunter	.300 Winchester Magnum	4.45 kg	5	\$2298
Sako 75 Hunter	.300 Weatherby Magnum	4.57 kg	5	\$2418
Sako 75 Hunter	.338 Winchester Magnum	4.67 kg	5	\$2519
Sako 75 Hunter	.340 Weatherby Magnum	4.89 kg	5	\$2756
Sako 75 Hunter	9.3x62mm Mauser	4.82 kg	5	\$2709
Sako 75 Hunter	9.3x66mm Sako	4.96 kg	5	\$2870
Sako 75 Hunter	.375 H&H Magnum	5.24 kg	5	\$3242

Sako 75 Hunter Lefthand	.25-06 Remington	3.6 kg	5	\$1270
Sako 75 Hunter Lefthand	6.5mm Swedish	3.51 kg	5	\$1184
Sako 75 Hunter Lefthand	.270 Winchester	3.83 kg	5	\$1458
Sako 75 Hunter Lefthand	7x64mm Brenneke	3.87 kg	5	\$1492
Sako 75 Hunter Lefthand	.30-06 Springfield	4.1 kg	5	\$1710
Sako 75 Hunter Lefthand	9.3x62mm Mauser	4.82 kg	5	\$2709
Sako 75 Hunter Laminated Stainless	.17 Remington	2.8 kg	5	\$571
Sako 75 Hunter Laminated Stainless	.222 Remington	3.12 kg	5	\$771
Sako 75 Hunter Laminated Stainless	5.56mm NATO	3.15 kg	5	\$790
Sako 75 Hunter Laminated Stainless	.22 PPC	3.19 kg	5	\$720
Sako 75 Hunter Laminated Stainless	6mm PPC	3.3 kg	5	\$795
Sako 75 Hunter Laminated Stainless	.22-250 Remington	3.37 kg	5	\$841
Sako 75 Hunter Laminated Stainless	.243 Winchester	3.6 kg	5	\$996
Sako 75 Hunter Laminated Stainless	.25-06 Remington	3.48 kg	5	\$1270
Sako 75 Hunter Laminated Stainless	6.5mm Swedish	3.39 kg	5	\$1184
Sako 75 Hunter Laminated Stainless	6.5-08 A-Square	3.55 kg	5	\$1331
Sako 75 Hunter Laminated Stainless	.270 Winchester	3.7 kg	5	\$1458
Sako 75 Hunter Laminated Stainless	.270 Winchester Short Magnum	3.28 kg	5	\$1265
Sako 75 Hunter Laminated Stainless	.270 Weatherby Magnum	3.76 kg	5	\$1478
Sako 75 Hunter Laminated Stainless	7mm-08 Remington	3.97 kg	5	\$1264
Sako 75 Hunter Laminated Stainless	7mm Remington Magnum	3.81 kg	5	\$1513
Sako 75 Hunter Laminated Stainless	7x64mm Brenneke	3.74 kg	5	\$1492
Sako 75 Hunter Laminated Stainless	7mm STW	3.99 kg	5	\$1687
Sako 75 Hunter Laminated Stainless	7mm Weatherby Magnum	3.84 kg	5	\$1537
Sako 75 Hunter Laminated Stainless	7mm Remington UltraMag	4 kg	5	\$1687
Sako 75 Hunter Laminated Stainless	7.62mm NATO	4.17 kg	5	\$1425
Sako 75 Hunter Laminated Stainless	.30-06 Springfield	4.25 kg	5	\$1710
Sako 75 Hunter Laminated Stainless	.300 Winchester Short Magnum	3.53 kg	5	\$1498
Sako 75 Hunter Laminated Stainless	.300 Winchester Magnum	4.3 kg	5	\$2298
Sako 75 Hunter Laminated Stainless	.300 Weatherby Magnum	4.41 kg	5	\$2418
Sako 75 Hunter Laminated Stainless	.338 Winchester Magnum	4.51 kg	5	\$2519
Sako 75 Hunter Laminated Stainless	.340 Weatherby Magnum	4.72 kg	5	\$2756
Sako 75 Hunter Laminated Stainless	9.3x62mm Mauser	4.66 kg	5	\$2709
Sako 75 Hunter Laminated Stainless	.375 H&H Magnum	5.06 kg	5	\$3242
Sako 75 Deluxe	.17 Remington	2.9 kg	5	\$571
Sako 75 Deluxe	.222 Remington	3.23 kg	5	\$771
Sako 75 Deluxe	5.56mm NATO	3.26 kg	5	\$790
Sako 75 Deluxe	.22 PPC	3.3 kg	5	\$720
Sako 75 Deluxe	6mm PPC	3.42 kg	5	\$795
Sako 75 Deluxe	.22-250 Remington	3.49 kg	5	\$841
Sako 75 Deluxe	.243 Winchester	3.73 kg	5	\$996
Sako 75 Deluxe	.25-06 Remington	3.6 kg	5	\$1270
Sako 75 Deluxe	6.5mm Swedish	3.51 kg	5	\$1184
Sako 75 Deluxe	6.5-08 A-Square	3.68 kg	5	\$1331
Sako 75 Deluxe	.270 Winchester	3.83 kg	5	\$1458
Sako 75 Deluxe	.270 Winchester Short Magnum	3.4 kg	5	\$1265
Sako 75 Deluxe	.270 Weatherby Magnum	3.9 kg	5	\$1478
Sako 75 Deluxe	7mm-08 Remington	4.11 kg	5	\$1264
Sako 75 Deluxe	7mm Remington Magnum	3.94 kg	5	\$1513
Sako 75 Deluxe	7x64mm Brenneke	3.87 kg	5	\$1492
Sako 75 Deluxe	7mm STW	4.13 kg	5	\$1687
Sako 75 Deluxe	7mm Weatherby Magnum	3.98 kg	5	\$1537
Sako 75 Deluxe	7mm Remington UltraMag	4.14 kg	5	\$1687
Sako 75 Deluxe	7.62mm NATO	4.32 kg	5	\$1425
Sako 75 Deluxe	.30-06 Springfield	4.4 kg	5	\$1710
Sako 75 Deluxe	.300 Winchester Short Magnum	3.65 kg	5	\$1498
Sako 75 Deluxe	.300 Winchester Magnum	4.45 kg	5	\$2298
Sako 75 Deluxe	.300 Weatherby Magnum	4.57 kg	5	\$2418
Sako 75 Deluxe	.338 Winchester Magnum	4.67 kg	5	\$2519
Sako 75 Deluxe	.340 Weatherby Magnum	4.89 kg	5	\$2756

Sako 75 Deluxe	9.3x62mm Mauser	4.82 kg	5	\$2709
Sako 75 Deluxe	.375 H&H Magnum	5.24 kg	5	\$3242
Sako Synthetic Stainless	.22 PPC	3 kg	5	\$731
Sako Synthetic Stainless	6mm PPC	3.11 kg	5	\$807
Sako Synthetic Stainless	.22-250 Remington	3.18 kg	5	\$853
Sako Synthetic Stainless	.243 Winchester	3.39 kg	5	\$1008
Sako Synthetic Stainless	.25-06 Remington	3.28 kg	5	\$1279
Sako Synthetic Stainless	6.5mm Swedish	3.19 kg	5	\$1193
Sako Synthetic Stainless	6.5-08 A-Square	3.35 kg	5	\$1336
Sako Synthetic Stainless	.270 Winchester	3.49 kg	5	\$1468
Sako Synthetic Stainless	.270 Winchester Short Magnum	3.09 kg	5	\$1259
Sako Synthetic Stainless	.270 Weatherby Magnum	3.55 kg	5	\$1473
Sako Synthetic Stainless	7mm-08 Remington	3.74 kg	5	\$1278
Sako Synthetic Stainless	7mm Remington Magnum	3.59 kg	5	\$1507
Sako Synthetic Stainless	7x64mm Brenneke	3.52 kg	5	\$1512
Sako Synthetic Stainless	7mm STW	3.76 kg	5	\$1682
Sako Synthetic Stainless	7mm Weatherby Magnum	3.62 kg	5	\$1532
Sako Synthetic Stainless	7mm Remington UltraMag	3.77 kg	5	\$1682
Sako Synthetic Stainless	7.62mm NATO	3.93 kg	5	\$1440
Sako Synthetic Stainless	.30-06 Springfield	4 kg	5	\$1721
Sako Synthetic Stainless	.300 Winchester Short Magnum	3.32 kg	5	\$1493
Sako Synthetic Stainless	.300 Winchester Magnum	4.05 kg	5	\$2254
Sako Synthetic Stainless	.300 Weatherby Magnum	4.16 kg	5	\$2375
Sako Synthetic Stainless	.338 Winchester Magnum	4.25 kg	5	\$2476
Sako Synthetic Stainless	.340 Weatherby Magnum	4.45 kg	5	\$2714
Sako Synthetic Stainless	9.3x62mm Mauser	4.39 kg	5	\$2713
Sako Synthetic Stainless	9.3x66mm Sako	4.51 kg	5	\$2874
Sako Synthetic Stainless	.375 H&H Magnum	4.77 kg	5	\$3202
Sako 75 Finnlight	.22 PPC	2.64 kg	5	\$709
Sako 75 Finnlight	6mm PPC	2.74 kg	5	\$785
Sako 75 Finnlight	.243 Winchester	2.8 kg	5	\$986
Sako 75 Finnlight	.25-06 Remington	2.89 kg	5	\$1424
Sako 75 Finnlight	6.5mm Swedish	2.81 kg	5	\$1177
Sako 75 Finnlight	6.5-08 A-Square	2.95 kg	5	\$1324
Sako 75 Finnlight	.270 Winchester	3.07 kg	5	\$1342
Sako 75 Finnlight	.270 Winchester Short Magnum	2.72 kg	5	\$1278
Sako 75 Finnlight	.270 Weatherby Magnum	3.12 kg	5	\$1493
Sako 75 Finnlight	7mm-08 Remington	3.29 kg	5	\$1255
Sako 75 Finnlight	7mm Remington Magnum	3.16 kg	5	\$1527
Sako 75 Finnlight	7x64mm Brenneke	3.1 kg	5	\$1496
Sako 75 Finnlight	7mm STW	3.31 kg	5	\$1702
Sako 75 Finnlight	7mm Weatherby Magnum	3.19 kg	5	\$1552
Sako 75 Finnlight	7mm Remington UltraMag	3.32 kg	5	\$1702
Sako 75 Finnlight	7.62mm NATO	3.46 kg	5	\$1417
Sako 75 Finnlight	.30-06 Springfield	3.52 kg	5	\$1705
Sako 75 Finnlight	.300 Winchester Short Magnum	2.92 kg	5	\$1512
Sako 75 Finnlight	.300 Winchester Magnum	3.56 kg	5	\$2313
Sako 75 Finnlight	.300 Weatherby Magnum	3.66 kg	5	\$2434
Sako 75 Varmint	.17 Remington	3.32 kg	6	\$594
Sako 75 Varmint	.222 Remington	3.7 kg	6	\$794
Sako 75 Varmint	5.56mm NATO	3.73 kg	6	\$812
Sako 75 Varmint	.25-06 Remington	4.12 kg	5	\$1283
Sako 75 Varmint	6.5mm Swedish	4.02 kg	5	\$1198
Sako 75 Varmint	6.5-08 A-Square	4.21 kg	5	\$1344
Sako 75 Varmint	7.62mm NATO	4.95 kg	5	\$1443
Sako Varmint Laminated Stainless	.17 Remington	3.5 kg	6	\$594
Sako Varmint Laminated Stainless	.222 Remington	3.9 kg	6	\$794
Sako Varmint Laminated Stainless	5.56mm NATO	3.93 kg	6	\$812
Sako Varmint Laminated Stainless	.25-06 Remington	4.34 kg	5	\$1283
Sako Varmint Laminated Stainless	6.5mm Swedish	4.24 kg	5	\$1198



Sako Varmint Laminated Stainless	6.5-08 A-Square	4.44 kg	5	\$1344
Sako Varmint Laminated Stainless	7.62mm NATO	5.21 kg	5	\$1443
Sako 80 <sup>th</sup> Anniversary Safari	.375 H&H Magnum	4.3 kg	5 Internal	\$3539

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sako 75 Hunter (.17)	BA	2	1-Nil	6	3	Nil	53
Sako 75 Hunter (.222)	BA	3	1-Nil	6	3	Nil	71
Sako 75 Hunter (5.56mm)	BA	3	1-Nil	6	3	Nil	70
Sako 75 Hunter (.22 PPC)	BA	3	1-Nil	6	3	Nil	75
Sako 75 Hunter (6mm PPC)	BA	3	1-Nil	6	3	Nil	74
Sako 75 Hunter (.22-250)	BA	3	1-Nil	6	3	Nil	66
Sako 75 Hunter (.243)	BA	3	2-Nil	6	3	Nil	67
Sako 75 Hunter (.25-06)	BA	4	2-Nil	7	4	Nil	61
Sako 75 Hunter (6.5mm)	BA	4	2-Nil	7	4	Nil	70
Sako 75 Hunter (6.5-08)	BA	4	2-3-Nil	7	4	Nil	62
Sako 75 Hunter (.270 Win)	BA	4	2-3-Nil	7	4	Nil	64
Sako 75 Hunter (.270 WSM)	BA	4	1-2-3	7	4	Nil	102
Sako 75 Hunter (.270 Whby Magnum)	BA	4	1-2-3	7	4	Nil	84
Sako 75 Hunter (7mm-08)	BA	4	2-3-Nil	7	4	Nil	79
Sako 75 Hunter (7mm Rem Magnum)	BA	4	1-2-3	7	4	Nil	88
Sako 75 Hunter (7x64mm)	BA	4	1-2-3	7	4	Nil	80
Sako 75 Hunter (7mm STW)	BA	4	1-2-3	7	4	Nil	77
Sako 75 Hunter (7mm Whby Magnum)	BA	4	1-2-3	7	4	Nil	86
Sako 75 Hunter (7mm Rem UltraMag)	BA	4	1-2-3	7	4	Nil	77
Sako 75 Hunter (7.62mm)	BA	4	2-3-Nil	7	4	Nil	81
Sako 75 Hunter (.30-06)	BA	4	2-3-Nil	7	4	Nil	73
Sako 75 Hunter (.300 WSM)	BA	5	1-2-3	7	4	Nil	110
Sako 75 Hunter (.300 Win Magnum)	BA	4	2-3-Nil	7	4	Nil	91
Sako 75 Hunter (.300 Whby Magnum)	BA	5	1-2-3	8	4	Nil	84
Sako 75 Hunter (.338 Win Magnum)	BA	6	1-3-Nil	8	5	Nil	105
Sako 75 Hunter (.340 Whby Magnum)	BA	6	1-3-Nil	8	5	Nil	93
Sako 75 Hunter (9.3x62mm)	BA	5	2-4-Nil	7	5	Nil	84
Sako 75 Hunter (9.3x66mm)	BA	6	1-3-Nil	8	5	Nil	99
Sako 75 Hunter (.375 Magnum)	BA	7	1-3-5	8	5	Nil	102
Sako 75 Finnlight (.22 PPC)	BA	3	1-Nil	6	3	Nil	67
Sako 75 Finnlight (6mm PPC)	BA	3	1-Nil	6	3	Nil	67
Sako 75 Finnlight (.243)	BA	3	2-Nil	6	3	Nil	58
Sako 75 Finnlight (.25-06)	BA	4	2-3-Nil	7	5	Nil	73
Sako 75 Finnlight (6.5mm)	BA	3	2-Nil	6	5	Nil	63
Sako 75 Finnlight (6.5-08)	BA	4	2-Nil	7	5	Nil	54
Sako 75 Finnlight (.270 Win)	BA	4	2-3-Nil	7	5	Nil	53
Sako 75 Finnlight (.270 WSM)	BA	4	1-2-3	7	5	Nil	102
Sako 75 Finnlight (.270 Whby Magnum)	BA	4	1-2-3	7	5	Nil	84
Sako 75 Finnlight (7mm-08)	BA	4	2-3-Nil	6	4	Nil	68
Sako 75 Finnlight (7mm Rem Magnum)	BA	4	1-2-3	7	5	Nil	88
Sako 75 Finnlight (7x64mm)	BA	4	1-2-3	7	5	Nil	69
Sako 75 Finnlight (7mm STW)	BA	4	1-2-3	7	5	Nil	77
Sako 75 Finnlight (7mm Whby Magnum)	BA	4	1-2-3	7	5	Nil	86
Sako 75 Finnlight (7mm Rem UltraMag)	BA	4	1-2-3	7	5	Nil	77
Sako 75 Finnlight (7.62mm)	BA	4	2-3-Nil	6	4	Nil	70
Sako 75 Finnlight (.30-06)	BA	4	2-3-Nil	7	5	Nil	63
Sako 75 Finnlight (.300 WSM)	BA	5	1-2-3	7	5	Nil	110
Sako 75 Finnlight (.300 Win Magnum)	BA	5	2-3-Nil	7	5	Nil	91
Sako 75 Finnlight (.300 Whby Magnum)	BA	5	1-2-3	8	5	Nil	84
Sako 75 Varmint (.17)	BA	2	1-Nil	6	2	Nil	59
Sako 75 Varmint (.222)	BA	3	1-Nil	7	3	Nil	79
Sako 75 Varmint (5.56mm)	BA	3	1-Nil	7	3	Nil	77

Sako 75 Varmint (.25-06)	BA	4	2-3-Nil	7	4	Nil	66
Sako 75 Varmint (6.5mm)	BA	4	2-Nil	7	4	Nil	78
Sako 75 Varmint (6.5-08)	BA	4	2-3-Nil	7	4	Nil	68
Sako 75 Varmint (7.62mm)	BA	4	2-3-Nil	7	4	Nil	91
Sako 80 <sup>th</sup> Anniversary Safari	BA	7	1-3-5	8	5	Nil	124

Sako Finnfire

Notes: This is a short-action rimfire rifle with a walnut half-stock. The stock has a Monte Carlo comb and cheekpiece. It is a simple and easy to care for rifle with three versions available. The standard version is the Finnfire Hunter, with a 22-inch standard-weight cold-forged free-floating barrel, and fixed sights. The Finnfire Varmint has a heavy 23-inch barrel which is also free-floating and cold-forged and has no iron sights. The third variant is the Finnfire Range; this is basically similar to the Varmint, except that the stock is ergonomically-shaped and has an adjustable butt. All Finnfires have an adjustable trigger and a dovetail rail above the receiver to mount a scope.

Weapon	Ammunition	Weight	Magazines	Price
Finnfire Hunter	.22 Long Rifle	2.6 kg	5, 10	\$284
Finnfire Varmint	.22 Long Rifle	3.3 kg	5, 10	\$300
Finnfire Range	.22 Long Rifle	3.4 kg	5, 10	\$310

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Finnfire Hunter	BA	1	Nil	5	1	Nil	49
Finnfire Varmint/Range	BA	1	Nil	6	1	Nil	52

Sako L-46/461

Notes: This weapon has been built for almost 60 years. It is a standard-pattern sporting rifle built for a variety of cartridges and in many different variants. The L-46 series features a detachable box magazine, a trigger group copied from the Winchester M-70, and low Monte Carlo combs.

The first L-46 rifles had straight bolt handles, and are chambered for a variety of small-caliber cartridges. This rifle was further developed into the L-461 series. The L-461 series begat a bewildering amount of variants, including the L-461 Vixen, which had a modified, more reliable trigger; the L-461 Model 74 Vixen, with modifications to reduce wear and over-rotation of the bolt; L-461 Model 74 Super Sporter, with rosewood stocks and skip-line checkering; and the L-461 Deluxe, with a hand-carved rosewood stock; the L-461 Hunter LS had a laminated stock, with each rifle having a color and wood-grain pattern of its own (all identical for game purposes).

The L-461 Varmint used a heavy barrel. The L-461 Carbine was, of course, shorter than the standard rifle, but had a full-sized stock. The short-lived L-461 Classic Sporter was offered in three calibers. The L-461 Heavy Barrel was originally offered in five chamberings, but by 1996, the .22 PPC and 6mm PPC options were cut; this weapon has no iron sights. The L-461 Hunter is identical to the standard L-461, but is also available in .17 Remington; it was originally known as the L-461 Standard. The L-461 Lightweight is a Hunter with a light barrel and shorter stock, to save weight. The L-461 Lightweight Deluxe is identical, except for being made of polished rosewood and stainless steel metalwork. The L-461 PPC rifle was designed specifically to highlight the .22 PPC and 6mm PPC cartridges; they are single-shot weapons. The L-461 Target rifle has a heavy free-floating barrel set in a competition-style stock; they use internal magazines and have optical sights.

Weapon	Ammunition	Weight	Magazines	Price
L-46/461	.222 Remington	2.95 kg	6	\$778
L-46/461	5.56mm NATO	2.98 kg	6	\$796
L-461 Varmint	.222 Remington	3.7 kg	6	\$795
L-461 Varmint	5.56mm NATO	3.73 kg	6	\$814
L-461 Carbine	.222 Remington	2.84 kg	6	\$755
L-461 Classic Sporter	.17 Remington	2.62 kg	6	\$578
L-461 Classic Sporter	.222 Remington	2.95 kg	6	\$778
L-461 Classic Sporter	5.56mm NATO	2.98 kg	6	\$796
L-461 Heavy Barrel	.22 PPC	3.67 kg	6	\$739
L-461 Heavy Barrel	6mm PPC	3.9 kg	6	\$815
L-461 Heavy Barrel	.17 Remington	3.37 kg	6	\$595
L-461 Heavy Barrel	.222 Remington	3.7 kg	6	\$795
L-461 Heavy Barrel	5.56mm NATO	3.73 kg	6	\$814
L-461 Hunter	.17 Remington	2.81 kg	6	\$577
L-461 Hunter	.222 Remington	2.86 kg	6	\$777
L-461 Hunter	5.56mm NATO	2.9 kg	6	\$795
L-461 Lightweight	.17 Remington	2.25 kg	6	\$554
L-461 Lightweight	.222 Remington	2.29 kg	6	\$754

L-461 Lightweight	5.56mm NATO	2.32 kg	6	\$772
L-461 PPC	.22 PPC	3.11 kg	1 Internal	\$307
L-461 PPC	6mm PPC	3.24 kg	1 Internal	\$313
L-461 Target	.17 Remington	3.85 kg	6 Internal	\$746
L-461 Target	.222 Remington	4.2 kg	6 Internal	\$946
L-461 Target	.22 PPC	4.17 kg	6 Internal	\$890
L-461 Target	6mm PPC	4.32 kg	6 Internal	\$965

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
L-46/461 (.222)	BA	3	1-Nil	6	3	Nil	73
L-46/461 (5.56mm)	BA	3	1-Nil	6	3	Nil	72
L-461 Varmint (.222)	BA	3	1-Nil	7	3	Nil	79
L-461 Varmint (5.56mm)	BA	3	1-Nil	7	3	Nil	78
L-461 Carbine	BA	3	1-Nil	6	3	Nil	65
L-461 Classic Sporter (.17)	BA	2	1-Nil	6	3	Nil	55
L-461 Classic Sporter (.222)	BA	3	1-Nil	6	3	Nil	73
L-461 Classic Sporter (5.56mm)	BA	3	1-Nil	6	3	Nil	72
L-461 Heavy Barrel (.22 PPC)	BA	3	1-Nil	7	3	Nil	82
L-461 Heavy Barrel (6mm PPC)	BA	3	2-Nil	7	3	Nil	81
L-461 Heavy Barrel (.17)	BA	2	1-Nil	6	2	Nil	59
L-461 Heavy Barrel (.222)	BA	3	1-Nil	7	3	Nil	79
L-461 Heavy Barrel (5.56mm)	BA	3	1-Nil	7	3	Nil	78
L-461 Hunter (.17)	BA	2	1-Nil	6	3	Nil	55
L-461 Hunter (.222)	BA	3	1-Nil	6	3	Nil	73
L-461 Hunter (5.56mm)	BA	3	1-Nil	6	3	Nil	72
L-461 Lightweight (.17)	BA	2	1-Nil	6	3	Nil	47
L-461 Lightweight (.222)	BA	3	1-Nil	6	4	Nil	64
L-461 Lightweight (5.56mm)	BA	3	1-Nil	6	4	Nil	62
L-461 PPC (.22 PPC)	SS	3	1-Nil	5	3	Nil	74
L-461 PPC (6mm PPC)	SS	3	2-Nil	7	3	Nil	74
L-461 Target (.17)	BA	2	1-Nil	6	2	Nil	59
L-461 Target (.222)	BA	3	1-Nil	7	3	Nil	79
L-461 Target (.22 PPC)	BA	3	1-Nil	7	2	Nil	82
L-461 Target (6mm PPC)	BA	3	2-Nil	7	3	Nil	81

**Sako L-57/579**

Notes: This is basically an enlarged L-46/L-461 series rifle, designed for medium-caliber weapons. The L-57 uses a fixed internal magazine, The L-57 encountered a lot of problems and did not last long before being replaced by the L-579 series. A plethora of variants were built. The first L-57s were designed to fire only .243 Winchester and 7.62mm NATO cartridges; the L-579 added the .244 Remington and 7.62mm Kalashnikov rounds. The L-579 was a perfected L-57, with smoother surfaces inside and out, and a more robust bolt.

The L-579 Forester Carbine (also known as the BL-579) was a shortened version of the L-579, with a full-length stock. In 1965, the .244 Remington option was replaced by the .22-250 Remington round. The L-579 Model 72 Forester replaced the Forester Carbine in the early 1970s; they had a feature to prevent the bolt from over-rotating. (These two are identical for game purposes.) This version did not last long before being replaced with the L-579 Model 74 Forester; this had a longer barrel and a further refined action. The L-579 Model 74 Super Sporter is a deluxe version of the L-579, identical to it for game purposes. The L-579 Model 74 Varmint has a heavy barrel, but is otherwise the same as the L-579. The L-579 Carbine is a very short version of the L-579 made only in two calibers; this weapon itself has two versions, an early version with a 19.4" barrel, and a late version with a detachable box magazine and an 18.5" barrel. The L-579 Classic Sporter is identical to the L-579, but has a highly-polished, oiled stock and comes only in .243 Winchester. The L-579 Super Deluxe is another high-grade version of the L-579, identical for game purposes. The L-579 Handy (or Hunter Carbine) is a short rifle with a mere 18.5" barrel; it was normally chambered for 7mm-08 or 7.62mm NATO, but a .22-250 model was built until 1990 and a .243 Winchester chambering was available only in Handys made in 1991. The L-579 Fiberclass has a polished fiberglass stock. The L-579 Heavy Barrel is available in the largest number of chamberings. The L-579 Hunter and Hunter LS are versions with a wider selection of calibers; a left-handed version was also built. The Hunter Lightweight has a lighter barrel and stock made of lighter woods. The L-579 Standard comes in two versions firing a different mix of calibers. The L-579 Target has a massive half-stock, floating heavy barrel, and a detachable box magazine.

Weapon	Ammunition	Weight	Magazines	Price
L-57	.243 Winchester	3.36 kg	5 Internal	\$1003

L-57	7.62mm NATO	4.1 kg	5 Internal	\$1433
L-579	.243 Winchester	2.87 kg	5 Internal	\$1009
L-579	.244 Remington	3.35 kg	5 Internal	\$1075
L-579	7.62mm Kalashnikov	3.65 kg	5 Internal	\$1171
L-579	7.62mm NATO	3.61 kg	5 Internal	\$1439
L-579 Forester Carbine	.22-250 Remington	2.54 kg	5 Internal	\$828
L-579 Forester Carbine	.243 Winchester	2.81 kg	5 Internal	\$983
L-579 Forester Carbine	.244 Remington	3.06 kg	5 Internal	\$1049
L-579 Forester Carbine	7.62mm Kalashnikov	3.1 kg	5 Internal	\$1145
L-579 Forester Carbine	7.62mm NATO	3.42 kg	5 Internal	\$1413
L-579 Model 74 Forester	.22-250 Remington	3.08 kg	5 Internal	\$856
L-579 Model 74 Forester	.243 Winchester	3.35 kg	5 Internal	\$1011
L-579 Model 74 Forester	7.62mm Kalashnikov	3.49 kg	5 Internal	\$1173
L-579 Model 74 Forester	7.62mm NATO	3.75 kg	5 Internal	\$1441
L-579 Model 74 Varmint	.22-250 Remington	3.47 kg	5 Internal	\$858
L-579 Model 74 Varmint	.243 Winchester	3.48 kg	5 Internal	\$1013
L-579 Model 74 Varmint	7.62mm Kalashnikov	3.53 kg	5 Internal	\$1176
L-579 Model 74 Varmint	7.62mm NATO	3.99 kg	5 Internal	\$1444
L-579 Carbine (Early)	.243 Winchester	2.43 kg	5 Internal	\$970
L-579 Carbine (Early)	7.62mm NATO	3.08 kg	5 Internal	\$1402
L-579 Carbine (Late)	.243 Winchester	2.31 kg	5	\$960
L-579 Carbine (Late)	7.62mm NATO	2.94 kg	5	\$1391
L-579 Classic Sporter	.243 Winchester	2.76 kg	5 Internal	\$1002
L-579 Fiberclass	.22-250 Remington	1.99 kg	5 Internal	\$855
L-579 Fiberclass	.243 Winchester	2.11 kg	5 Internal	\$1011
L-579 Fiberclass	7mm-08 Remington	2.38 kg	5 Internal	\$1280
L-579 Fiberclass	7.62mm NATO	2.47 kg	5 Internal	\$1442
L-579 Handy	.22-250 Remington	3.08 kg	5 Internal	\$814
L-579 Handy	.243 Winchester	3.09 kg	5 Internal	\$970
L-579 Handy	7mm-08 Remington	3.11 kg	5 Internal	\$1240
L-579 Handy	7.62mm NATO	3.13 kg	5 Internal	\$1402
L-579 Heavy Barrel	.220 Swift	3.26 kg	5 Internal	\$954
L-579 Heavy Barrel	.22-250 Remington	3.12 kg	5 Internal	\$864
L-579 Heavy Barrel	.243 Winchester	3.19 kg	5 Internal	\$1020
L-579 Heavy Barrel	7mm-08 Remington	3.48 kg	5 Internal	\$1290
L-579 Heavy Barrel	7.62mm NATO	3.72 kg	5 Internal	\$1452
L-579 Hunter/Standard	.220 Swift	3.17 kg	5 Internal	\$936
L-579 Hunter/Standard	.22-250 Remington	3.03 kg	5 Internal	\$846
L-579 Hunter/Standard	.243 Winchester	3.1 kg	5 Internal	\$1002
L-579 Hunter/Standard	7mm-08 Remington	3.38 kg	5 Internal	\$1272
L-579 Hunter/Standard	7.62mm NATO	3.62 kg	5 Internal	\$1434
L-579 Lightweight	.22-250 Remington	2.42 kg	5 Internal	\$840
L-579 Lightweight	.243 Winchester	2.48 kg	5 Internal	\$996
L-579 Lightweight	.270 Winchester	3.15 kg	5 Internal	\$1457
L-579 Lightweight	7mm-08 Remington	2.7 kg	5 Internal	\$1266
L-579 Super Match	7.62mm NATO	3.83 kg	10	\$1445
L-579 Target	7.62mm NATO	4.49 kg	5	\$1631

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
L-57 (.243)	BA	3	2-Nil	7	3	Nil	68
L-57 (7.62mm NATO)	BA	4	2-3-Nil	7	4	Nil	82
L-579 (.243)	BA	3	2-Nil	7	3	Nil	68
L-579 (.244)	BA	3	2-Nil	7	3	Nil	63
L-579 (7.62mm Kalashnikov)	BA	4	2-3-Nil	7	4	Nil	76
L-579 (7.62mm NATO)	BA	4	2-3-Nil	7	4	Nil	82
L-579 Forester Carbine (.22-250)	BA	3	1-Nil	6	3	Nil	57
L-579 Forester Carbine (.243)	BA	3	2-Nil	6	3	Nil	57
L-579 Forester Carbine (.244)	BA	3	2-Nil	6	3	Nil	53
L-579 Forester Carbine (7.62mm Kalashnikov)	BA	4	2-3-Nil	6	5	Nil	67

L-579 Forester Carbine (7.62mm NATO)	BA	4	2-3-Nil	7	5	Nil	69
L-579 Model 74 Forester (.22-250)	BA	3	1-Nil	7	3	Nil	68
L-579 Model 74 Forester (.243)	BA	3	2-Nil	7	3	Nil	69
L-579 Model 74 Forester (7.62mm Kalashnikov)	BA	4	2-3-Nil	7	4	Nil	76
L-579 Model 74 Forester (7.62mm NATO)	BA	4	2-3-Nil	7	4	Nil	83
L-579 Model 74 Varmint (.22-250)	BA	3	1-Nil	7	3	Nil	69
L-579 Model 74 Varmint (.243)	BA	3	2-Nil	7	3	Nil	70
L-579 Model 74 Varmint (7.62mm Kalashnikov)	BA	4	2-3-Nil	7	4	Nil	77
L-579 Model 74 Varmint (7.62mm NATO)	BA	4	2-3-Nil	7	4	Nil	85
L-579 Carbine (Early, .243)	BA	3	2-Nil	6	4	Nil	54
L-579 Carbine (Early, 7.62mm)	BA	4	2-3-Nil	6	5	Nil	65
L-579 Carbine (Late, .243)	BA	3	2-Nil	6	4	Nil	50
L-579 Carbine (Late, 7.62mm)	BA	4	2-3-Nil	6	4	Nil	61
L-579 Classic Sporter	BA	3	2-Nil	6	4	Nil	68
L-579 Fiberclass (.22-250)	BA	3	1-Nil	6	4	Nil	67
L-579 Fiberclass (.243)	BA	3	2-Nil	6	4	Nil	68
L-579 Fiberclass (7mm-08)	BA	4	2-3-Nil	7	5	Nil	80
L-579 Fiberclass (7.62mm NATO)	BA	4	2-3-Nil	7	6	Nil	82
L-579 Handy (.22-250)	BA	3	1-Nil	6	3	Nil	54
L-579 Handy (.243)	BA	3	2-Nil	6	3	Nil	54
L-579 Handy (7mm-08)	BA	4	2-Nil	6	5	Nil	64
L-579 Handy (7.62mm NATO)	BA	4	2-3-Nil	6	5	Nil	65
L-579 Heavy Barrel (.220 Swift)	BA	3	1-2-Nil	7	3	Nil	79
L-579 Heavy Barrel (.22-250)	BA	3	1-Nil	7	3	Nil	74
L-579 Heavy Barrel (.243)	BA	3	2-Nil	7	3	Nil	76
L-579 Heavy Barrel (7mm-08)	BA	4	2-3-Nil	7	4	Nil	89
L-579 Heavy Barrel (7.62mm NATO)	BA	4	2-3-Nil	7	4	Nil	91
L-579 Hunter/Standard (.220 Swift)	BA	3	1-2-Nil	6	3	Nil	70
L-579 Hunter/Standard (.22-250)	BA	3	1-Nil	6	3	Nil	67
L-579 Hunter/Standard (.243)	BA	3	2-Nil	6	3	Nil	68
L-579 Hunter/Standard (7mm-08)	BA	4	2-3-Nil	7	4	Nil	80
L-579 Hunter/Standard (7.62mm NATO)	BA	4	2-3-Nil	7	4	Nil	82
L-579 Lightweight (.22-250)	BA	3	1-Nil	6	4	Nil	65
L-579 Lightweight (.243)	BA	3	2-Nil	6	4	Nil	65
L-579 Lightweight (.270)	BA	4	2-3-Nil	7	5	Nil	60
L-579 Lightweight (7mm-08)	BA	4	2-3-Nil	7	5	Nil	77
L-579 Super Match	BA	4	2-3-Nil	7	4	Nil	88
L-579 Target	BA	4	2-3-Nil	8	4	Nil	120

**Sako L-61**

Notes: More commonly known as the Finnbear, this rifle was designed after a request from North American hunters for rifles of more power. Changes were made in the bolt and chamber to allow larger cartridges of greater power, but the L-61 is basically a large L-46. There are several variants, as with other such Sako rifles; the base L-61; the L-61 Carbine (1<sup>st</sup> pattern), with a shorter barrel and full-length stock; the L-61 Model 72, an update with a feature to prevent the bolt from over-rotating; the L-61 Model 74, a further update firing a different mix of calibers; the L-61 Model 74 Varmint, a heavy-barreled version firing only .25-06; The L-61 Carbines (2<sup>nd</sup> and 3<sup>rd</sup> patterns), with even shorter barrels and restricted to two calibers; the L-61 Carbine Magnum, a short magnum rifle; the L-61 Classic, with better finishes and somewhat short barrels; The Fiberclass Sporter, with a black or grey fiberglass stock; the Handy, a half-stocked carbine firing a somewhat different mix of calibers than the Carbines (also comes in a Handy Fiber version, with a fiberglass stock); The Heavy Barrel rifle; The Standard Sporter, later known as the Hunter; the Lightweight and Lightweight Magnum rifles, with lighter barrels and lighter woods in the stock; the Long-Range Hunter, with a long, fluted barrel for extended range; the L-61 Magnum, chambered in a large amount of magnum cartridges; the Safari, a short, heavy rifle; and the Finnsport 2700, a long, but rather plain version. Most of these rifles also come in deluxe versions.

Weapon	Ammunition	Weight	Magazines	Price
L-61	.30-06 Springfield	4.59 kg	5 Internal	\$1716
L-61	.300 H&H Magnum	5.25 kg	5 Internal	\$2393
L-61	.264 Winchester Magnum	3.95 kg	5 Internal	\$1345
L-61	.338 Winchester Magnum	5.39 kg	5 Internal	\$2479



<b>L-61</b>	7mm Remington Magnum	4.22 kg	5 Internal	\$1509
<b>L-61 Carbine (1<sup>st</sup> Pattern)</b>	.30-06 Springfield	4.45 kg	5 Internal	\$1688
<b>L-61 Carbine (1<sup>st</sup> Pattern)</b>	.300 H&H Magnum	5.09 kg	5 Internal	\$2307
<b>L-61 Carbine (1<sup>st</sup> Pattern)</b>	.264 Winchester Magnum	3.93 kg	5 Internal	\$1317
<b>L-61 Carbine (1<sup>st</sup> Pattern)</b>	.338 Winchester Magnum	5.22 kg	5 Internal	\$2394
<b>L-61 Carbine (1<sup>st</sup> Pattern)</b>	7mm Remington Magnum	4.09 kg	5 Internal	\$1475
<b>L-61 Model 72</b>	.30-06 Springfield	4.29 kg	5 Internal	\$1711
<b>L-61 Model 72</b>	.300 H&H Magnum	4.91 kg	5 Internal	\$2388
<b>L-61 Model 72</b>	.264 Winchester Magnum	3.69 kg	5 Internal	\$1340
<b>L-61 Model 72</b>	.338 Winchester Magnum	5.04 kg	5 Internal	\$2474
<b>L-61 Model 72</b>	7mm Remington Magnum	3.95 kg	5 Internal	\$1504
<b>L-61 Model 74</b>	.25-06 Remington	3.92 kg	5 Internal	\$1288
<b>L-61 Model 74</b>	.270 Winchester	4.1 kg	5 Internal	\$1477
<b>L-61 Model 74</b>	7mm Remington Magnum	4 kg	5 Internal	\$1517
<b>L-61 Model 74</b>	.300 Winchester Magnum	4.74 kg	5 Internal	\$2296
<b>L-61 Model 74</b>	.30-06 Springfield	4.32 kg	5 Internal	\$1731
<b>L-61 Model 74</b>	.338 Winchester Magnum	4.87 kg	5 Internal	\$2519
<b>L-61 Model 74</b>	.375 H&H Magnum	5.69 kg	5 Internal	\$3246
<b>L-61 Model 74 Varmint</b>	.25-06 Remington	3.95 kg	5 Internal	\$1294
<b>L-61 Carbine (2<sup>nd</sup> Pattern)</b>	.270 Winchester	3.29 kg	5 Internal	\$1430
<b>L-61 Carbine (2<sup>nd</sup> Pattern)</b>	.30-06 Springfield	3.67 kg	5 Internal	\$1683
<b>L-61 Carbine (3<sup>rd</sup> Pattern)</b>	.270 Winchester	3.25 kg	5 Internal	\$1422
<b>L-61 Carbine (3<sup>rd</sup> Pattern)</b>	.30-06 Springfield	3.63 kg	5 Internal	\$1675
<b>L-61 Carbine Magnum</b>	.25-06 Remington	2.96 kg	5 Internal	\$1232
<b>L-61 Carbine Magnum</b>	7mm Remington Magnum	3.45 kg	5 Internal	\$1461
<b>L-61 Carbine Magnum</b>	.300 Winchester Magnum	4.03 kg	5 Internal	\$2128
<b>L-61 Carbine Magnum</b>	.338 Winchester Magnum	4.18 kg	5 Internal	\$2351
<b>L-61 Carbine Magnum</b>	.375 H&H Magnum	4.81 kg	5 Internal	\$3079
<b>L-61 Classic</b>	.270 Winchester	2.95 kg	5 Internal	\$1455
<b>L-61 Classic</b>	7mm Remington Magnum	3.01 kg	5 Internal	\$1494
<b>L-61 Classic</b>	.30-06 Springfield	3.3 kg	5 Internal	\$1708
<b>L-61 Fiberclass Sporter</b>	.25-06 Remington	1.81 kg	5 Internal	\$1273
<b>L-61 Fiberclass Sporter</b>	.270 Winchester	1.96 kg	5 Internal	\$1463
<b>L-61 Fiberclass Sporter</b>	.280 Remington	2.01 kg	5 Internal	\$1522
<b>L-61 Fiberclass Sporter</b>	7mm Remington Magnum	1.97 kg	5 Internal	\$1502
<b>L-61 Fiberclass Sporter</b>	.300 Winchester Magnum	2.47 kg	5 Internal	\$2235
<b>L-61 Fiberclass Sporter</b>	.30-06 Springfield	2.28 kg	5 Internal	\$1716
<b>L-61 Fiberclass Sporter</b>	.338 Winchester Magnum	2.63 kg	5 Internal	\$2457
<b>L-61 Fiberclass Sporter</b>	.375 H&H Magnum	2.86 kg	5 Internal	\$3184
<b>L-61 Fiberclass Sporter</b>	.416 Remington Magnum	3.05 kg	5 Internal	\$3757
<b>L-61 Handy</b>	.25-06 Remington	4.01 kg	5 Internal	\$1240
<b>L-61 Handy</b>	6.5mm Swedish	3.94 kg	5 Internal	\$1154
<b>L-61 Handy</b>	.270 Winchester	4.29 kg	5 Internal	\$1430
<b>L-61 Handy</b>	7mm Brenneke	4.28 kg	5 Internal	\$1474
<b>L-61 Handy</b>	7mm Remington Magnum	4.11 kg	5 Internal	\$1469
<b>L-61 Handy</b>	.30-06 Springfield	4.43 kg	5 Internal	\$1683
<b>L-61 Handy</b>	.338 Winchester Magnum	5.13 kg	5 Internal	\$2375
<b>L-61 Handy</b>	.375 H&H Magnum	5.88 kg	5 Internal	\$3103
<b>L-61 Handy</b>	9.3mm Mauser	4.41 kg	5 Internal	\$2613
<b>L-61 Handy Fiber</b>	.25-06 Remington	2.94 kg	5 Internal	\$1248
<b>L-61 Handy Fiber</b>	.270 Winchester	3.15 kg	5 Internal	\$1438
<b>L-61 Handy Fiber</b>	7mm Remington Magnum	3.02 kg	5 Internal	\$1477
<b>L-61 Handy Fiber</b>	.30-06 Springfield	3.25 kg	5 Internal	\$1691
<b>L-61 Handy Fiber</b>	.300 Winchester Magnum	3.56 kg	5 Internal	\$2160
<b>L-61 Handy Fiber</b>	.338 Winchester Magnum	3.77 kg	5 Internal	\$2383
<b>L-61 Handy Fiber</b>	.375 H&H Magnum	4.32 kg	5 Internal	\$3109
<b>L-61 Heavy Barrel</b>	.25-06 Remington	4.12 kg	5 Internal	\$1282
<b>L-61 Heavy Barrel</b>	7mm Remington Magnum	4.47 kg	5 Internal	\$1511

L-61 Hunter/Standard	.25-06 Remington	3.4 kg	5 Internal	\$1276
L-61 Hunter/Standard	6.5mm Swedish	3.27 kg	5 Internal	\$1190
L-61 Hunter/Standard	7mm Brenneke	3.82 kg	5 Internal	\$1510
L-61 Hunter/Standard	.270 Winchester	3.54 kg	5 Internal	\$1466
L-61 Hunter/Standard	.30-06 Springfield	3.85 kg	5 Internal	\$1719
L-61 Hunter/Standard	9.3mm Mauser	4.73 kg	5 Internal	\$2721
L-61 Lightweight	.25-06 Remington	2.72 kg	5 Internal	\$1270
L-61 Lightweight	.270 Winchester	2.83 kg	5 Internal	\$1460
L-61 Lightweight	.280 Remington	2.92 kg	5 Internal	\$1520
L-61 Lightweight	.30-06 Springfield	3.08 kg	5 Internal	\$1713
L-61 Lightweight Magnum	7mm Remington Magnum	2.77 kg	5 Internal	\$1499
L-61 Lightweight Magnum	.300 Weatherby Magnum	3.83 kg	5 Internal	\$2365
L-61 Lightweight Magnum	.300 Winchester Magnum	3.27 kg	5 Internal	\$2244
L-61 Lightweight Magnum	.338 Winchester Magnum	3.91 kg	5 Internal	\$2467
L-61 Lightweight Magnum	.375 H&H Magnum	4.59 kg	5 Internal	\$3194
L-61 Lightweight Magnum	.416 Remington Magnum	4.7 kg	5 Internal	\$3768
L-61 Long Range Hunter	.25-06 Remington	2.81 kg	5 Internal	\$1308
L-61 Long Range Hunter	7mm Remington Magnum	3.16 kg	5 Internal	\$1537
L-61 Long Range Hunter	.300 Winchester Magnum	3.76 kg	5 Internal	\$2357
L-61 Magnum	7mm Remington Magnum	3.31 kg	5 Internal	\$1521
L-61 Magnum	7mm Weatherby Magnum	3.35 kg	5 Internal	\$1546
L-61 Magnum	.270 Weatherby Magnum	3.24 kg	5 Internal	\$1486
L-61 Magnum	.300 Weatherby Magnum	4.26 kg	5 Internal	\$2429
L-61 Magnum	.300 Winchester Magnum	3.6 kg	5 Internal	\$2308
L-61 Magnum	.338 Winchester Magnum	3.79 kg	5 Internal	\$2531
L-61 Magnum	.340 Weatherby Magnum	3.91 kg	5 Internal	\$2770
L-61 Magnum	.375 H&H Magnum	4.35 kg	5 Internal	\$3259
L-61 Magnum	.416 Remington Magnum	4.7 kg	5 Internal	\$3833
L-61 Safari	7mm Remington Magnum	4.2 kg	5 Internal	\$1481
L-61 Safari	.300 Winchester Magnum	4.9 kg	5 Internal	\$2188
L-61 Safari	.338 Winchester Magnum	5.24 kg	5 Internal	\$2410
L-61 Safari	.375 H&H Magnum	5.82 kg	5 Internal	\$3138
L-61 Safari	.416 Remington Magnum	5.88 kg	5 Internal	\$3712
Finnsport 2700	.270 Winchester	3.63 kg	5 Internal	\$1477
Finnsport 2700	7mm Remington Magnum	3.69 kg	5 Internal	\$1517
Finnsport 2700	.300 Winchester Magnum	4.44 kg	5 Internal	\$2296
Finnsport 2700	.30-06 Springfield	3.81 kg	5 Internal	\$1731

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
L-61 (.30-06)	BA	4	2-3-Nil	7	4	Nil	72
L-61 (.300 H&H Magnum)	BA	5	1-2-3	8	4	Nil	76
L-61 (.264 Win Magnum)	BA	4	1-2-3	7	4	Nil	74
L-61 (.338 Win Magnum)	BA	6	1-3-Nil	8	5	Nil	95
L-61 (7mm Magnum)	BA	4	1-2-3	7	4	Nil	80
L-61 Carbine (1 <sup>st</sup> Pattern, .30-06)	BA	4	2-3-Nil	7	4	Nil	60
L-61 Carbine (1 <sup>st</sup> Pattern, .300 H&H Magnum)	BA	5	1-2-3	7	4	Nil	61
L-61 Carbine (1 <sup>st</sup> Pattern, .264 Win Magnum)	BA	4	1-2-Nil	7	4	Nil	60
L-61 Carbine (1 <sup>st</sup> Pattern, .338 Win Magnum)	BA	6	1-2-3	7	4	Nil	78
L-61 Carbine (1 <sup>st</sup> Pattern, 7mm Rem Magnum)	BA	4	2-3-Nil	7	4	Nil	65
L-61 Model 72 (.30-06)	BA	4	2-3-Nil	7	4	Nil	72
L-61 Model 72 (.300 H&H Magnum)	BA	5	1-2-3	8	4	Nil	76
L-61 Model 72 (.264 Win Magnum)	BA	4	1-2-3	7	4	Nil	74
L-61 Model 72 (.338 Win Magnum)	BA	6	1-3-Nil	8	5	Nil	95
L-61 Model 72 (7mm Rem Magnum)	BA	4	1-2-3	7	4	Nil	80
L-61 Model 74 (.25-06)	BA	4	2-Nil	7	4	Nil	65
L-61 Model 74 (.270)	BA	4	2-3-Nil	7	4	Nil	69
L-61 Model 74 (7mm Rem Magnum)	BA	4	2-3-Nil	7	4	Nil	86
L-61 Model 74 (.300 Win Magnum)	BA	5	2-3-Nil	7	4	Nil	89

L-61 Model 74 (.30-06)	BA	4	2-3-Nil	7	4	Nil	78
L-61 Model 74 (.338 Win Magnum)	BA	6	1-3-Nil	8	5	Nil	103
L-61 Model 74 (.375 Magnum)	BA	7	1-3-5	8	5	Nil	99
L-61 Model 74 Varmint	BA	4	2-3-Nil	7	4	Nil	68
L-61 Carbine (2 <sup>nd</sup> Pattern, .270)	BA	4	2-3-Nil	6	4	Nil	49
L-61 Carbine (2 <sup>nd</sup> Pattern, .30-06)	BA	4	2-3-Nil	7	4	Nil	56
L-61 Carbine (3 <sup>rd</sup> Pattern, .270)	BA	4	2-3-Nil	6	5	Nil	46
L-61 Carbine (3 <sup>rd</sup> Pattern, .30-06)	BA	4	2-3-Nil	6	4	Nil	52
L-61 Carbine Magnum (.25-06)	BA	3	2-Nil	6	5	Nil	44
L-61 Carbine Magnum (7mm Rem Magnum)	BA	4	1-2-3	6	4	Nil	58
L-61 Carbine Magnum (.300 Win Magnum)	BA	5	2-3-Nil	6	4	Nil	60
L-61 Carbine Magnum (.338 Win Magnum)	BA	5	1-2-3	7	4	Nil	69
L-61 Carbine Magnum (.375 Magnum)	BA	6	1-3-Nil	7	5	Nil	66
L-61 Classic (.270)	BA	4	2-3-Nil	7	5	Nil	59
L-61 Classic (7mm Magnum)	BA	4	1-2-3	7	5	Nil	74
L-61 Classic (.30-06)	BA	4	2-3-Nil	7	5	Nil	67
L-61 Fiberclass Sporter (.25-06)	BA	4	2-Nil	7	6	Nil	56
L-61 Fiberclass Sporter (.270)	BA	4	2-3-Nil	7	6	Nil	59
L-61 Fiberclass Sporter (.280)	BA	4	2-3-Nil	7	6	Nil	61
L-61 Fiberclass Sporter (7mm Rem Magnum)	BA	4	1-2-3	7	6	Nil	74
L-61 Fiberclass Sporter (.300 Win Magnum)	BA	5	2-3-Nil	7	6	Nil	77
L-61 Fiberclass Sporter (.30-06)	BA	4	2-3-Nil	7	6	Nil	67
L-61 Fiberclass Sporter (.338 Win Magnum)	BA	6	1-2-3	7	6	Nil	88
L-61 Fiberclass Sporter (.375 Magnum)	BA	7	1-3-Nil	8	7	Nil	85
L-61 Fiberclass Sporter (.416 Magnum)	BA	7	1-3-5	8	7	Nil	93
L-61 Handy (.25-06)	BA	3	2-Nil	6	4	Nil	47
L-61 Handy (6.5mm)	BA	3	2-Nil	6	4	Nil	56
L-61 Handy (.270)	BA	4	2-3-Nil	6	4	Nil	49
L-61 Handy (7mm Brenneke)	BA	4	2-3-Nil	6	4	Nil	51
L-61 Handy (7mm Rem Magnum)	BA	4	1-2-3	6	4	Nil	62
L-61 Handy (.30-06)	BA	4	2-3-Nil	7	4	Nil	56
L-61 Handy (.338 Win Magnum)	BA	6	1-2-3	7	4	Nil	74
L-61 Handy (.375 Magnum)	BA	6	1-3-Nil	7	5	Nil	70
L-61 Handy (9.3mm)	BA	5	2-4-Nil	7	5	Nil	65
L-61 Handy Fiber (.25-06)	BA	3	2-Nil	6	5	Nil	47
L-61 Handy Fiber (.270)	BA	4	2-3-Nil	6	5	Nil	49
L-61 Handy Fiber (7mm Rem Magnum)	BA	4	1-2-3	6	5	Nil	62
L-61 Handy Fiber (.30-06)	BA	4	2-3-Nil	7	5	Nil	56
L-61 Handy Fiber (.300 Win Magnum)	BA	5	2-3-Nil	7	5	Nil	64
L-61 Handy Fiber (.338 Win Magnum)	BA	6	1-2-3	7	5	Nil	74
L-61 Handy Fiber (.375 Magnum)	BA	6	1-3-Nil	7	6	Nil	70
L-61 Heavy Barrel (.25-06)	BA	4	2-Nil	7	4	Nil	63
L-61 Heavy Barrel (7mm Rem Magnum)	BA	4	1-2-3	7	4	Nil	83
L-61 Hunter/Standard (.25-06)	BA	4	2-Nil	7	4	Nil	60
L-61 Hunter/Standard (6.5mm)	BA	4	2-Nil	7	4	Nil	72
L-61 Hunter /Standard (7mm Brenneke)	BA	4	2-3-Nil	7	4	Nil	66
L-61 Hunter/Standard (.270)	BA	4	2-3-Nil	7	4	Nil	64
L-61 Hunter/Standard (.30-06)	BA	4	2-3-Nil	7	4	Nil	72
L-61 Hunter/Standard (9.3mm)	BA	5	2-4-Nil	7	5	Nil	84
L-61 Lightweight (.25-06)	BA	4	2-Nil	7	5	Nil	58
L-61 Lightweight (.270)	BA	4	2-3-Nil	7	5	Nil	62
L-61 Lightweight (.280)	BA	4	2-3-Nil	7	5	Nil	63
L-61 Lightweight (.30-06)	BA	4	2-3-Nil	7	5	Nil	70
L-61 Lightweight Magnum (7mm Rem Magnum)	BA	4	1-2-3	7	5	Nil	77
L-61 Lightweight Magnum (.300 Whby Magnum)	BA	5	1-2-3	7	5	Nil	74
L-61 Lightweight Magnum (.300 Win Magnum)	BA	5	2-3-Nil	7	5	Nil	79

L-61 Lightweight Magnum (.338 Win Magnum)	BA	6	1-3-Nil	7	6	Nil	92
L-61 Lightweight Magnum (.375 Magnum)	BA	6	1-3-Nil	8	6	Nil	89
L-61 Lightweight Magnum (.416 Magnum)	BA	7	1-3-5	8	6	Nil	96
L-61 Long Range Hunter (.25-06)	BA	4	2-3-Nil	7	5	Nil	73
L-61 Long-Range Hunter (7mm Rem Magnum)	BA	4	1-2-3	8	5	Nil	97
L-61 Long Range Hunter (.300 Win Magnum)	BA	5	1-2-3	8	5	Nil	100
L-61 Magnum (7mm Rem Magnum)	BA	4	1-2-3	7	5	Nil	88
L-61 Magnum (7mm Whby Magnum)	BA	4	1-2-3	7	5	Nil	86
L-61 Magnum (.270 Whby Magnum)	BA	4	1-2-3	7	5	Nil	84
L-61 Magnum (.300 Whby Magnum)	BA	5	1-2-3	8	4	Nil	84
L-61 Magnum (.300 Win Magnum)	BA	5	2-3-Nil	7	5	Nil	91
L-61 Magnum (.338 Win Magnum)	BA	6	1-3-Nil	8	6	Nil	105
L-61 Magnum (.340 Whby Magnum)	BA	6	1-3-Nil	8	6	Nil	93
L-61 Magnum (.375 Magnum)	BA	7	1-3-5	8	6	Nil	102
L-61 Magnum (.416 Magnum)	BA	7	1-3-5	8	6	Nil	111
L-61 Safari (7mm Rem Magnum)	BA	4	1-2-3	7	4	Nil	67
L-61 Safari (.300 Win Magnum)	BA	5	2-3-Nil	7	4	Nil	70
L-61 Safari (.338 Win Magnum)	BA	6	1-3-Nil	7	4	Nil	80
L-61 Safari (.375 Magnum)	BA	6	1-3-Nil	7	5	Nil	77
L-61 Safari (.416 Magnum)	BA	7	1-3-5	8	5	Nil	84
Finnsport 2700 (.270)	BA	4	2-3-Nil	7	4	Nil	69
Finnsport 2700 (7mm Rem Magnum)	BA	4	1-2-3	7	4	Nil	86
Finnsport 2700 (.300 Win Magnum)	BA	5	2-3-Nil	7	4	Nil	89
Finnsport 2700 (.30-06)	BA	4	2-3-Nil	7	4	Nil	78

Sako Lightweight

Real World Story: The Sako is a Finnish-made bolt-action hunting rifle with an international reputation for quality and accuracy. It features an adjustable trigger and sight mountings.

Twilight 2000 Story: A Sako rifle was a much sought-after "war trophy" by the NATO forces fighting in Lapland.

Weapon	Ammunition	Weight	Magazines	Price
Sako Lightweight (21" Barrel)	.17 Remington	2.61 kg	6-Internal	\$563
Sako Lightweight (22" Barrel)	.17 Remington	2.66 kg	6-Internal	\$573
Sako Lightweight (24" Barrel)	.17 Remington	2.76 kg	6-Internal	\$594
Sako Lightweight (21" Barrel)	.222 Remington	2.92 kg	6-Internal	\$764
Sako Lightweight (22" Barrel)	.222 Remington	2.92 kg	6-Internal	\$774
Sako Lightweight (24" Barrel)	.222 Remington	3.07 kg	6-Internal	\$795
Sako Lightweight (21" Barrel)	5.56mm NATO	2.95 kg	6-Internal	\$783
Sako Lightweight (22" Barrel)	5.56mm NATO	3 kg	6-Internal	\$793
Sako Lightweight (24" Barrel)	5.56mm NATO	3.1 kg	6-Internal	\$813
Sako Lightweight (21" Barrel)	.22-250 Remington	3.02 kg	6-Internal	\$831
Sako Lightweight (22" Barrel)	.22-250 Remington	3.08 kg	6-Internal	\$841
Sako Lightweight (24" Barrel)	.22-250 Remington	3.18 kg	6-Internal	\$861
Sako Lightweight (21" Barrel)	.243 Winchester	3.26 kg	6-Internal	\$986
Sako Lightweight (22" Barrel)	.243 Winchester	3.31 kg	6-Internal	\$996
Sako Lightweight (24" Barrel)	.243 Winchester	3.41 kg	6-Internal	\$1016
Sako Lightweight (21" Barrel)	.25-06 Remington	3.47 kg	4-Internal	\$1257
Sako Lightweight (22" Barrel)	.25-06 Remington	3.52 kg	4-Internal	\$1267
Sako Lightweight (24" Barrel)	.25-06 Remington	3.62 kg	4-Internal	\$1287
Sako Lightweight (21" Barrel)	.270 Winchester	3.61 kg	4-Internal	\$1447
Sako Lightweight (22" Barrel)	.270 Winchester	3.66 kg	4-Internal	\$1457
Sako Lightweight (24" Barrel)	.270 Winchester	3.76 kg	4-Internal	\$1477
Sako Lightweight (21" Barrel)	7mm-08 Remington	3.03 kg	4-Internal	\$1256
Sako Lightweight (22" Barrel)	7mm-08 Remington	3.09 kg	4-Internal	\$1266
Sako Lightweight (24" Barrel)	7mm-08 Remington	3.19 kg	4-Internal	\$1286
Sako Lightweight (21" Barrel)	7mm Remington Magnum	3.38 kg	4-Internal	\$1486
Sako Lightweight (22" Barrel)	7mm Remington Magnum	3.43 kg	4-Internal	\$1496
Sako Lightweight (24" Barrel)	7mm Remington Magnum	3.53 kg	4-Internal	\$1516
Sako Lightweight (21" Barrel)	7.62mm NATO	3.18 kg	4-Internal	\$1418
Sako Lightweight (22" Barrel)	7.62mm NATO	3.23 kg	4-Internal	\$1428

Sako Lightweight (24" Barrel)	7.62mm NATO	3.28 kg	4-Internal	\$1448
Sako Lightweight (21" Barrel)	.30-06 Springfield	3.6 kg	4-Internal	\$1700
Sako Lightweight (22" Barrel)	.30-06 Springfield	3.65 kg	4-Internal	\$1710
Sako Lightweight (24" Barrel)	.30-06 Springfield	3.75 kg	4-Internal	\$1730
Sako Lightweight (21" Barrel)	.300 Winchester Magnum	3.69 kg	4-Internal	\$2204
Sako Lightweight (22" Barrel)	.300 Winchester Magnum	3.77 kg	4-Internal	\$2235
Sako Lightweight (24" Barrel)	.300 Winchester Magnum	3.92 kg	4-Internal	\$2296
Sako Lightweight (21" Barrel)	.338 Winchester Magnum	3.86 kg	4-Internal	\$2484
Sako Lightweight (22" Barrel)	.338 Winchester Magnum	3.94 kg	4-Internal	\$2465
Sako Lightweight (24" Barrel)	.338 Winchester Magnum	3.99 kg	4-Internal	\$2526

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sako Lightweight (.17, 21")	BA	2	1-Nil	6	3	Nil	49
Sako Lightweight (.17, 22")	BA	2	1-Nil	6	3	Nil	53
Sako Lightweight (.17, 24")	BA	2	1-Nil	6	2	Nil	58
Sako Lightweight (.222, 21")	BA	3	1-Nil	6	3	Nil	67
Sako Lightweight (.222, 22")	BA	3	1-Nil	6	3	Nil	71
Sako Lightweight (.222, 24")	BA	3	1-Nil	7	3	Nil	80
Sako Lightweight (5.56mm, 21")	BA	3	1-Nil	6	3	Nil	65
Sako Lightweight (5.56mm, 22")	BA	3	1-Nil	6	3	Nil	70
Sako Lightweight (5.56mm, 24")	BA	3	1-Nil	7	3	Nil	76
Sako Lightweight (.22-250, 21")	BA	3	1-Nil	6	3	Nil	60
Sako Lightweight (.22-250 22")	BA	3	2-Nil	6	3	Nil	64
Sako Lightweight (.22-250, 24")	BA	3	2-Nil	7	3	Nil	73
Sako Lightweight (.243, 21")	BA	3	2-Nil	6	3	Nil	61
Sako Lightweight (.243, 22")	BA	3	2-Nil	7	3	Nil	65
Sako Lightweight (.243, 24")	BA	3	2-Nil	7	3	Nil	74
Sako Lightweight (.25-06, 21")	BA	3	2-Nil	6	4	Nil	53
Sako Lightweight (.25-06, 22")	BA	4	2-Nil	7	4	Nil	57
Sako Lightweight (.25-06, 24")	BA	4	2-Nil	7	4	Nil	65
Sako Lightweight (.270, 21")	BA	4	2-3-Nil	6	4	Nil	56
Sako Lightweight (.270, 22")	BA	4	2-3-Nil	7	4	Nil	60
Sako Lightweight (.270, 24")	BA	4	2-3-Nil	7	4	Nil	70
Sako Lightweight (7mm-08, 21")	BA	4	2-3-Nil	6	5	Nil	72
Sako Lightweight (7mm-08, 22")	BA	4	2-3-Nil	7	5	Nil	77
Sako Lightweight (7mm-08, 24")	BA	4	2-3-Nil	7	5	Nil	87
Sako Lightweight (7mm Magnum, 21")	BA	4	1-2-3	7	5	Nil	70
Sako Lightweight (7mm Magnum, 22")	BA	4	1-2-3	7	5	Nil	75
Sako Lightweight (7mm Magnum, 24")	BA	4	1-2-3	7	4	Nil	86
Sako Lightweight (7.62mm, 21")	BA	4	2-3-Nil	7	5	Nil	74
Sako Lightweight (7.62mm, 22")	BA	4	2-3-Nil	7	5	Nil	79
Sako Lightweight (7.62mm, 24")	BA	4	2-3-Nil	7	5	Nil	89
Sako Lightweight (.30-06, 21")	BA	4	2-3-Nil	7	5	Nil	64
Sako Lightweight (.30-06, 22")	BA	4	2-3-Nil	7	5	Nil	68
Sako Lightweight (.30-06, 24")	BA	4	2-3-Nil	7	4	Nil	78
Sako Lightweight (.300, 21")	BA	5	2-3-Nil	7	5	Nil	73
Sako Lightweight (.300, 22")	BA	5	2-3-Nil	7	5	Nil	78
Sako Lightweight (.300, 24")	BA	5	2-3-Nil	7	4	Nil	89
Sako Lightweight (.338, 21")	BA	6	2-3-Nil	7	5	Nil	84
Sako Lightweight (.338, 22")	BA	6	2-3-Nil	7	5	Nil	90
Sako Lightweight (.338, 24")	BA	6	1-3-Nil	7	6	Nil	102

Sako P-72 Finnskout

Notes: This is a scaled-down version of some of Sako's larger-caliber designs; in fact, Sako literature says that despite the caliber, it is not meant to be a child's first weapon or used to train people with no firearms experience how to shoot. It is built to be very strong and withstand a great deal of abuse, being built of lighter but stronger materials than most small-caliber weapons. As with its centerfire cousins, there are several variants. The Finnskout HB is a heavy-barreled version with a somewhat longer barrel for greater accuracy. The Finnskout Hornet fires .22 Hornet ammunition; it was not made in large numbers. The P-78 Biathlon (P-78AH) is



designed for the requirements of international and Olympic biathlon competitions; it has a long barrel, space for 4 spare magazines inside the butt, a match trigger, special slings, and optical sights.

Weapon	Ammunition	Weight	Magazines	Price
P-72	.22 Long Rifle	3.06 kg	5	\$289
P-72	.22 Winchester Magnum Rimfire	3.17 kg	5	\$320
P-72 HB	.22 Long Rifle	3.18 kg	5	\$306
P-72 HB	.22 Winchester Magnum Rimfire	3.29 kg	5	\$338
P-72 Hornet	.22 Hornet	3.71 kg	5	\$680
P-78 Biathlon	.22 Long Rifle	4.69 kg	5	\$483

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
P-72 (.22 Long Rifle)	BA	1	Nil	5	1	Nil	50
P-72 (.22 Magnum)	BA	1	Nil	5	1	Nil	65
P-72 HB (.22 Long Rifle)	BA	1	Nil	6	1	Nil	53
P-72 HB (.22 Magnum)	BA	1	Nil	6	1	Nil	70
P-72 Hornet	BA	3	1-Nil	6	2	Nil	72
P-78 Biathlon	BA	1	Nil	6	1	Nil	58

Sako Quad

Notes: This is a “switch-barrel” rifle, i.e., one which can easily change the calibers or rounds it fires by changing the barrel and magazine. It was designed to replace the Finnfire, while providing a rifle with much greater utility, by allowing the use of four round types in one rifle. A full Sako Quad set comes with four barrels, an Allen wrench and two magazines; to fire the shorter rounds (.22 Long Rifle and .17 Mach 2 Rimfire), a block is slid into the magazine which allows the rounds to fit the magazine and prevents loading the wrong kind of round into the wrong barrel. The barrels are not threaded, but instead slide into the receiver at an angle; then the barrel, which has a shank, is snapped down level where a spring-loaded plate grabs the barrel, and finally the Allen wrench is used to tighten it. The barrels have color-coded rings around shank (blue for .17 Mach 2 Rimfire, red for .17 Hornady Magnum Rimfire, green for .22 Long Rifle, and yellow for .22 Winchester Magnum Rimfire). The trigger is somewhat adjustable (from two to four pounds) and is two-stage. The stock is composite, made from glass-reinforced polypropylene, and is of the pistol-grip-wrist type with a red pistol grip on a black stock. The stock has sling swivels and spacers for the butt. It is drilled and tapped for a scope mount, but has no iron sights.

Twilight 2000 Notes: The Quad does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Quad	.17 Mach 2 Rimfire	2.61 kg	5	\$385
Quad	.17 Hornady Magnum Rimfire	2.61 kg	5	\$443
Quad	.22 Long Rifle	2.61 kg	5	\$294
Quad	.22 Winchester Magnum Rimfire	2.61 kg	5	\$326
Set of 3 Additional Barrels	N/A	3.35 kg	N/A	\$672

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Quad (.17 Mach 2)	BA	2	1-Nil	6	2	Nil	55
Quad (.17 HMR)	BA	2	1-Nil	6	2	Nil	63
Quad (.22 Long Rifle)	BA	1	Nil	6	1	Nil	49
Quad (.22 Magnum)	BA	1	Nil	6	1	Nil	63

Sako TRG-S/M

Notes: This version of the TRG-21 and TRG-41 sniper rifles is the civilian counterpart to those weapons. It is surprisingly light for its size. Like the TRG-21 and TRG-41, the TRG-M does not use the modified Mauser action of other Sako rifles, using a new action that Sako designed. The barrel is free-floating, and the stock is synthetic. The safety catch lies inside the trigger guard. The TRG-S fires standard cartridges, while the TRG-M is designed for Magnum rounds.

Weapon	Ammunition	Weight	Magazines	Price
TRG-S	.243 Winchester	3.17 kg	5	\$1010
TRG-S	6.5mm Swedish	3.27 kg	5	\$1194
TRG-S	7mm-08 Remington	3.33 kg	5	\$1279
TRG-S	.270 Winchester	3.47 kg	5	\$1469
TRG-S	.30-06 Springfield	3.58 kg	5	\$1722
TRG-M	.270 Weatherby Magnum	3.52 kg	5	\$1495
TRG-M	7mm Remington Magnum	3.55 kg	5	\$1529
TRG-M	.300 Winchester Magnum	3.95 kg	5	\$2320
TRG-M	.338 Winchester Magnum	4.08 kg	5	\$2542

TRG-M	.375 H&H Magnum	4.23 kg	5	\$3268
TRG-M	.416 Remington Magnum	4.3 kg	5	\$3840

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
TRG-S (.243)	BA	3	2-Nil	6	3	Nil	68
TRG-S (6.5mm)	BA	4	2-Nil	7	4	Nil	70
TRG-S (7mm-08)	BA	4	2-3-Nil	7	4	Nil	80
TRG-S (.270)	BA	4	2-3-Nil	7	4	Nil	63
TRG-S (.30-06)	BA	4	2-3-Nil	7	5	Nil	71
TRG-M (.270 Magnum)	BA	4	1-2-3	7	4	Nil	85
TRG-M (7mm Magnum)	BA	4	1-2-3	7	4	Nil	89
TRG-M (.300 Magnum)	BA	5	2-3-Nil	7	4	Nil	92
TRG-M (.338 Magnum)	BA	6	1-3-Nil	8	5	Nil	106
TRG-M (.375 Magnum)	BA	7	1-3-5	8	6	Nil	103
TRG-M (.416 Magnum)	BA	7	1-3-5	8	6	Nil	112

Sako 85

Notes: The Model 85 series essentially replaces the Model 75 series; the names of the specifications are generally the same or similar, and the overall design is similar, particularly in the stock. Most of the Model 85's specific models come in a plethora of chamberings; this because the Model 85 is meant to appeal both to North American and European shooters. Finishes can vary, but most feature well-finished fine wood stock, often oil polished or hand-rubbed. Most of the time, the exterior metalwork is blued, generally to a matte finish. Most versions can also have stainless steel metalwork, in which case the metal will have a satin finish. Whether blued or not, the barrels are of stainless steel. In most cases, the pistol grip wrists capped with fine contrasting wood or plastic; the fore-ends are usually capped in the same way over a Schnabel fore-end. Actions range from XS to L, but in Twilight 2000 terms, they don't translate. Most Model 85s have floating medium-weight barrels that are cold-hammer forged. Sights for most models are in the scout position and are adjustable; they are also drilled and tapped for scope mounts. Model 85s are known for their light weight, even in the heftier chamberings; the penalty for this light weight is, of course, recoil and muzzle rise.

Model 85 Bavarian

The Model 85 Bavarian uses high grade walnut for the stock, oil finished and polished. The fore-end and pistol grip wrist are capped in rosewood, with a Schnabel Tip for the fore-end. Fore-ends and pistol grip wrists are hand-checked. The stock has a Bavarian-style cheek swell, and the butt is textured hard rubber. Chamberings can range from 20-inch short barrels for short magnum cartridges to the alternative 24.375-inch long barrel for the short magnums and standard for other magnums. The barrels may be ordered with threaded muzzles to use with various muzzle devices or suppressors. Iron sights are in the scout position, and the receiver is drilled and tapped for scope mounts. There are sling swivels under the fore-end and under the stock.

The Bavarian Carbine is similar in many ways to a standard Bavarian Rifle; however, the Carbine has a full Mannlicher stock and a shorter 20-inch barrel. For game purposes, the Carbine's characteristics and game stats are identical to 20-inch-barrel versions of the Bavarian Rifle. However, the Bavarian Carbine is not chambered in 7mm-08 Remington, or 9.3x62mm Mauser.

Weapon	Ammunition	Weight	Magazines	Price
Model 85 Bavarian	.222 Remington	2.9 kg	6	\$759
Model 85 Bavarian	5.56mm NATO	2.9 kg	6	\$778
Model 85 Bavarian (20" Barrel)	.22-250 Remington	3.1 kg	5	\$824
Model 85 Bavarian (22.44" Barrel)	.22-250 Remington	3.2 kg	5	\$850
Model 85 Bavarian (20" Barrel)	.243 Winchester	3.1 kg	5	\$979
Model 85 Bavarian (22.44" Barrel)	.243 Winchester	3.2 kg	5	\$1005
Model 85 Bavarian (20" Barrel)	.25-06 Remington	3.2 kg	5	\$1249
Model 85 Bavarian (22.44" Barrel)	.25-06 Remington	3.3 kg	5	\$1274
Model 85 Bavarian (20" Barrel)	6.5mm Swedish	3.2 kg	5	\$1163
Model 85 Bavarian (22.44" Barrel)	6.5mm Swedish	3.3 kg	5	\$1189
Model 85 Bavarian (20" Barrel)	.260 Remington	3.1 kg	5	\$1310
Model 85 Bavarian (22.44" Barrel)	.260 Remington	3.2 kg	5	\$1336
Model 85 Bavarian (20" Barrel)	.270 Winchester	3.2 kg	5	\$1437
Model 85 Bavarian (22.44" Barrel)	.270 Winchester	3.3 kg	5	\$1463
Model 85 Bavarian (20" Barrel)	7mm-08 Remington	3.1 kg	5	\$1247
Model 85 Bavarian (22.44" Barrel)	7mm-08 Remington	3.2 kg	5	\$1273
Model 85 Bavarian (20" Barrel)	7x64mm Brenneke	3.2 kg	5	\$1471
Model 85 Bavarian (22.44" Barrel)	7x64mm Brenneke	3.3 kg	5	\$1497
Model 85 Bavarian (20" Barrel)	7.62mm NATO	3.1 kg	5	\$1409
Model 85 Bavarian (22.44" Barrel)	7.62mm NATO	3.2 kg	5	\$1435
Model 85 Bavarian (20" Barrel)	.30-06 Springfield	3.2 kg	5	\$1689
Model 85 Bavarian (22.44" Barrel)	.30-06 Springfield	3.3 kg	5	\$1715
Model 85 Bavarian (20" Barrel)	8mm Mauser	3.2 kg	5	\$1677
Model 85 Bavarian (22.44" Barrel)	8mm Mauser	3.3 kg	5	\$1702
Model 85 Bavarian (20" Barrel)	.338 Federal	3.1 kg	5	\$1649
Model 85 Bavarian (22.44" Barrel)	.338 Federal	3.2 kg	5	\$1675
Model 85 Bavarian (20" Barrel)	9.3x62mm Mauser	3.2 kg	5	\$2645
Model 85 Bavarian (22.44" Barrel)	9.3x62mm Mauser	3.3 kg	5	\$2723
Model 85 Bavarian (20" Barrel)	.270 Winchester Short Magnum	3.1 kg	4	\$1228
Model 85 Bavarian (24.375" Barrel)	.270 Winchester Short Magnum	3.3 kg	4	\$1275
Model 85 Bavarian (20" Barrel)	.300 Winchester Short Magnum	3.1 kg	4	\$1462
Model 85 Bavarian (24.375" Barrel)	.300 Winchester Short Magnum	3.3 kg	4	\$1508
Model 85 Bavarian	7mm Remington Magnum	3.5 kg	4	\$1522

Model 85 Bavarian	.300 Winchester Magnum	3.5 kg	4	\$2327
Model 85 Bavarian	.338 Winchester Magnum	3.5 kg	4	\$2548
Model 85 Bavarian	.375 H&H Magnum	3.5 kg	4	\$3272

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 85 Bavarian (.222)	BA	3	1-Nil	6	3	Nil	67
Model 85 Bavarian (5.56mm)	BA	3	1-Nil	6	3	Nil	64
Model 85 Bavarian (.22-250, 20")	BA	3	1-Nil	6	3	Nil	59
Model 85 Bavarian (.22-250, 22.44")	BA	3	1-Nil	6	3	Nil	70
Model 85 Bavarian (.243, 20")	BA	3	2-Nil	6	3	Nil	60
Model 85 Bavarian (.243, 22.44")	BA	3	2-Nil	7	3	Nil	71
Model 85 Bavarian (.25-06, 20")	BA	4	1-2-Nil	6	4	Nil	63
Model 85 Bavarian (.25-06, 22.44")	BA	4	1-2-Nil	7	4	Nil	75
Model 85 Bavarian (6.5mm, 20")	BA	3	2-Nil	6	4	Nil	62
Model 85 Bavarian (6.5mm, 22.44")	BA	4	2-Nil	7	4	Nil	74
Model 85 Bavarian (.260, 20")	BA	4	1-2-Nil	6	4	Nil	64
Model 85 Bavarian (.260, 22.44")	BA	4	1-2-3	7	4	Nil	77
Model 85 Bavarian (.270, 20")	BA	4	2-3-Nil	7	5	Nil	55
Model 85 Bavarian (.270, 22.44")	BA	4	2-3-Nil	7	4	Nil	66
Model 85 Bavarian (7mm-08, 20")	BA	4	2-3-Nil	6	5	Nil	71
Model 85 Bavarian (7mm-08, 22.44")	BA	4	2-3-Nil	7	5	Nil	84
Model 85 Bavarian (7x64mm, 20")	BA	4	1-2-3	7	5	Nil	69
Model 85 Bavarian (7x64mm, 22.44")	BA	4	1-2-3	7	5	Nil	83
Model 85 Bavarian (7.62mm, 20")	BA	4	2-3-Nil	7	5	Nil	73
Model 85 Bavarian (7.62mm, 22.44")	BA	4	2-3-Nil	7	5	Nil	86
Model 85 Bavarian (.30-06, 20")	BA	4	2-3-Nil	7	5	Nil	63
Model 85 Bavarian (.30-06, 22.44")	BA	4	2-3-Nil	7	5	Nil	75
Model 85 Bavarian (8mm, 20")	BA	4	2-3-Nil	7	5	Nil	73
Model 85 Bavarian (8mm, 22.44")	BA	4	2-3-Nil	7	5	Nil	86
Model 85 Bavarian (.338, 20")	BA	4	2-3-Nil	7	5	Nil	75
Model 85 Bavarian (.338, 22.44")	BA	4	2-3-Nil	7	5	Nil	86
Model 85 Bavarian (9.3mm, 20")	BA	5	2-4-Nil	7	6	Nil	73
Model 85 Bavarian (9.3mm, 22.44")	BA	5	2-4-Nil	8	6	Nil	86
Model 85 Bavarian (.270 WSM, 20")	BA	4	1-2-Nil	6	4	Nil	81
Model 85 Bavarian (.270 WSM, 24.375")	BA	4	1-2-3	7	4	Nil	108
Model 85 Bavarian (.300 WSM, 20")	BA	5	1-2-3	7	5	Nil	87
Model 85 Bavarian (.300 WSM, 24.375")	BA	5	1-2-3	7	5	Nil	117
Model 85 Bavarian (7mm Magnum)	BA	4	1-2-3	7	4	Nil	93
Model 85 Bavarian (.300 Magnum)	BA	5	1-2-3	8	5	Nil	97
Model 85 Bavarian (.338 Magnum)	BA	6	1-3-Nil	8	6	Nil	111
Model 85 Bavarian (.375 Magnum)	BA	7	1-3-5	8	6	Nil	119

Model 85 Bear Series

Notes: As is obvious by the name, the Bear Series of the Model 85 was designed to tackle bears and similar-sized game. They are, again, light rifles for the cartridges they fire, with the appropriate pros and cons. The sights are in the scout position, and the receiver is dovetailed for scope bases. The Bear Series is made from gray synthetic furniture with matte blued external metalwork. Bear Series rifles have a heavy-profile barrel which is specially bedded, and the barrel is fluted. The stock has special soft rubber gripping points in appropriate places. Triggers are single-stage, but adjustable for pull weight. Bolt throw is small and short.

The Black Bear uses the "lowest-caliber" chamberings of the series, though some are reasonably powerful, and adequate for their job. Barrels are uniformly 21.25 inches. The Brown Bear uses basically the same design, but the stock is of brown laminated hardwood instead of a synthetic stock like on the Black Bear. Most other features are essentially the same, though the fore-end and pistol grip wrist are checkered instead of rubber grip pads. The Brown Bear is chambered in only two rounds, both large Magnums.

New, introduced at the end of 2012, is the Grizzly. The Grizzly is a deluxe version of the Kodiak, made of high-grade walnut, a hand-checkered pistol-grip wrist and fore-end, a rosewood cap for the fore-end and pistol grip wrist, and deep-polished, blued

metalwork. The barrels are 21.25 inches, and fluted. Sights are in the scout position, and the rifle is dovetailed for scope bases. Chamberings are basic with no magnum chamberings.

The Kodiak itself is a luxury version of the Bear Series, and designed for magnum ammunition. The stock, made from gray laminated hardwood, is reinforced with two crossbolts. The barrel is exceptional; it has a bull profile, and a true float instead of the special bedding of the other members of the Bear Series. Sights are in the scout position, and the receiver is dovetailed for a scope mount. Metalwork is stainless steel, with the barrel being 21.25" and cold-hammer forged.

Weapon	Ammunition	Weight	Magazines	Price
Model 85 Black Bear	7.62mm NATO	3.1 kg	5	\$1425
Model 85 Black Bear	.30-06 Springfield	3.2 kg	5	\$1705
Model 85 Black Bear	8mm Mauser	3.2 kg	5	\$1693
Model 85 Black Bear	.338 Federal	3.1 kg	5	\$1665
Model 85 Black Bear	9.3x62mm Mauser	3.2 kg	5	\$2694
Model 85 Black Bear	9.3x66mm Sako	3.2 kg	5	\$2822
Model 85 Brown Bear	.338 Winchester Magnum	3.6 kg	4	\$2458
Model 85 Brown Bear	.375 H&H Magnum	3.6 kg	4	\$3181
Model 85 Grizzly	7x64mm Brenneke	3.6 kg	5	\$1487
Model 85 Grizzly	7.62mm NATO	3.5 kg	5	\$1425
Model 85 Grizzly	.30-06 Springfield	3.6 kg	5	\$1705
Model 85 Grizzly	8mm Mauser	3.6 kg	5	\$1693
Model 85 Grizzly	.338 Federal	3.5 kg	5	\$1665
Model 85 Grizzly	9.3x62mm Mauser	3.6 kg	5	\$2694
Model 85 Grizzly	9.3x66mm Sako	3.6 kg	5	\$2822
Model 85 Kodiak	.338 Winchester Magnum	3.6 kg	4	\$2824
Model 85 Kodiak	.375 H&H Magnum	3.6 kg	4	\$3182

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 85 Black Bear (7.62mm)	BA	4	2-3-Nil	7	5	Nil	81
Model 85 Black Bear (.30-06)	BA	4	2-3-Nil	7	5	Nil	70
Model 85 Black Bear (8mm)	BA	4	2-3-Nil	7	5	Nil	81
Model 85 Black Bear (.338)	BA	4	2-3-Nil	7	5	Nil	81
Model 85 Black Bear (9.3x62mm)	BA	5	2-4-Nil	7	6	Nil	81
Model 85 Black Bear (9.3x66mm)	BA	6	1-3-Nil	7	6	Nil	96
Model 85 Brown Bear (.338 Magnum)	BA	6	1-3-Nil	7	6	Nil	92
Model 85 Brown Bear (.375 Magnum)	BA	6	1-3-Nil	8	6	Nil	89
Model 85 Grizzly (7x64mm)	BA	4	1-2-3	7	4	Nil	78
Model 85 Grizzly (7.62mm)	BA	4	2-3-Nil	7	4	Nil	81
Model 85 Grizzly (.30-06)	BA	4	2-3-Nil	7	4	Nil	70
Model 85 Grizzly (8mm)	BA	4	2-3-Nil	7	5	Nil	81
Model 85 Grizzly (.338)	BA	4	2-3-Nil	7	5	Nil	81
Model 85 Grizzly (9.3x62mm)	BA	5	2-4-Nil	7	6	Nil	81
Model 85 Grizzly (9.3x66mm)	BA	6	1-3-Nil	7	5	Nil	96
Model 85 Kodiak (.338 Magnum)	BA	6	1-3-Nil	7	6	Nil	97
Model 85 Kodiak (.375 Magnum)	BA	6	1-3-Nil	8	6	Nil	98

Model 85 Classic

The Classic is sort of the “base rifle” of the Model 85 Series. The Classic is distinguished by its straight stock with a Bavarian cheek swell, rosewood fore-end and pistol grip wrist caps, and oil finish. The fore-end conceals an extended recoil lug. The butt has a recoil pad. Ample checkering is found on the pistol grip wrist and fore-end. There are no iron sights, but there is an integral tapered sight mount above the receiver. The barrels are for the most part unremarkable except for their being floating barrels. Barrels are 22.44 inches for standard calibers and 24.375 inches for magnum chamberings.

The Deluxe is basically a Classic with high grade walnut for the stock; design-wise, it is otherwise very much like the Classic. The fore-end cap, pistol grip wrist cap, and some other details are of rosewood (in some cases inlaid). Everything is hand-rubbed oil-finished, and the butt has a red rubber recoil pad; a high-glass lacquer stock finish is optional. External metalwork is blued and highly polished. One departure from most of the Model 85 line is the fixed, internal magazine with a hinged floorplate below; this allows engraving and decoration of the floorplate, as well as providing a feature often preferred by European hunters. Chamberings are only in selected medium-length action cartridges, and the barrel is 22.44 inches. The barrel is tapered and floating.

The Classic Deluxe melds, as the name would suggest, the Classic and the Deluxe. The wood grade is not as high, and the stock is made in a more normal design. It is, however, highly oil or lacquer-polished. The cheekpiece is not a Bavarian cheekpiece, but a



simpler cheek swell. The pistol grip wrist and fore-end are finely (though mechanically) cut, with diamond checkering. The butt has a red rubber recoil pad, again common on Sako rifles that have a recoil pad. Iron sights, like much of the series, are in the scout position. The external metalwork is polished blue. Bolts are driven through the stock on both sides of the magazine well to strengthen the design. The fore-end and pistol grip wrist are capped in rosewood. Barrel length is 22.44 inches, except on the .375 H&H Magnum version, which has a 24.375-inch barrel. The barrels are stainless steel under the bluing, match-quality, and finished with cold hammer forging. Note that 7.64mm Brenneke is not considered an “off the rack” chambering for the Classic Deluxe; it must be special ordered, and is therefore rarer than other Classic Deluxes.

Weapon	Ammunition	Weight	Magazines	Price
Model 85 Classic	.243 Winchester	3.2 kg	5	\$1151
Model 85 Classic	.25-06 Remington	3.3 kg	5	\$1421
Model 85 Classic	.260 Remington	3.2 kg	5	\$1482
Model 85 Classic	6.5mm Swedish	3.3 kg	5	\$1335
Model 85 Classic	.270 Winchester	3.3 kg	5	\$1610
Model 85 Classic	7mm-08 Remington	3.2 kg	5	\$1420
Model 85 Classic	7.62mm NATO	3.2 kg	5	\$1581
Model 85 Classic	.30-06 Springfield	3.3 kg	5	\$1861
Model 85 Classic	8mm Mauser	3.3 kg	5	\$1849
Model 85 Classic	.338 Federal	3.2 kg	5	\$1821
Model 85 Classic	9.3x66mm Sako	3.3 kg	5	\$2942
Model 85 Classic	.270 Winchester Short Magnum	3.3 kg	4	\$1421
Model 85 Classic	.300 Winchester Short Magnum	3.3 kg	4	\$1654
Model 85 Classic	7mm Remington Magnum	3.5 kg	4	\$1669
Model 85 Classic	.300 Winchester Magnum	3.5 kg	4	\$2466
Model 85 Classic	.338 Winchester Magnum	3.5 kg	4	\$2687
Model 85 Classic	.375 H&H Magnum	3.5 kg	4	\$3411
Model 85 Deluxe	.25-06 Remington	3.3 kg	5 Internal	\$1349
Model 85 Deluxe	6.5mm Swedish	3.3 kg	5 Internal	\$1265
Model 85 Deluxe	.270 Winchester	3.3 kg	5 Internal	\$1539
Model 85 Deluxe	7x64mm Brenneke	3.3 kg	5 Internal	\$1584
Model 85 Deluxe	.30-06 Springfield	3.3 kg	5 Internal	\$1791
Model 85 Deluxe	8mm Mauser	3.3 kg	5 Internal	\$1779
Model 85 Deluxe	9.3x62mm Mauser	3.3 kg	5 Internal	\$2800
Model 85 Deluxe	9.3x66mm Sako	3.3 kg	5 Internal	\$2929
Model 85 Classic Deluxe	.270 Winchester	3.4 kg	5	\$1553
Model 85 Classic Deluxe	7x64mm Brenneke	3.4 kg	5	\$1580
Model 85 Classic Deluxe	.30-06 Springfield	3.4 kg	5	\$1788
Model 85 Classic Deluxe	9.3x66mm Sako	3.4 kg	5	\$2899
Model 85 Classic Deluxe	.375 H&H Magnum	3.6 kg	4	\$3341

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 85 Classic (.243)	BA	3	2-Nil	7	2	Nil	70
Model 85 Classic (.25-06)	BA	4	1-2-Nil	7	3	Nil	73
Model 85 Classic (.260)	BA	4	1-2-3	7	3	Nil	75
Model 85 Classic (6.5mm)	BA	4	2-Nil	7	3	Nil	72
Model 85 Classic (.270)	BA	4	2-3-Nil	7	3	Nil	65
Model 85 Classic (7mm-08)	BA	4	2-3-Nil	7	3	Nil	82
Model 85 Classic (7.62mm)	BA	4	2-3-Nil	7	3	Nil	84
Model 85 Classic (.30-06)	BA	4	2-3-Nil	7	4	Nil	73
Model 85 Classic (8mm)	BA	4	2-3-Nil	7	4	Nil	84
Model 85 Classic (.338)	BA	4	2-3-Nil	7	4	Nil	84
Model 85 Classic (9.3x66mm)	BA	6	1-3-Nil	8	5	Nil	101
Model 85 Classic (.270 WSM)	BA	4	1-2-3	7	3	Nil	106
Model 85 Classic (.300 WSM)	BA	5	1-2-3	7	4	Nil	114
Model 85 Classic (7mm Magnum)	BA	4	1-2-3	7	3	Nil	91
Model 85 Classic (.300 Magnum)	BA	5	1-2-3	8	3	Nil	94
Model 85 Classic (.338 Magnum)	BA	6	1-3-Nil	8	4	Nil	109
Model 85 Classic (.375 Magnum)	BA	7	1-3-5	8	5	Nil	106
Model 85 Deluxe (.25-06)	BA	4	1-2-Nil	7	4	Nil	75

Model 85 Deluxe (6.5mm)	BA	4	2-Nil	7	4	Nil	74
Model 85 Deluxe (.270)	BA	4	2-3-Nil	7	4	Nil	66
Model 85 Deluxe (7x64mm)	BA	4	1-2-3	7	4	Nil	82
Model 85 Deluxe (.30-06)	BA	4	2-3-Nil	7	4	Nil	75
Model 85 Deluxe (8mm)	BA	4	2-3-Nil	7	4	Nil	86
Model 85 Deluxe (9.3x62mm)	BA	5	2-4-Nil	8	5	Nil	86
Model 85 Deluxe (9.3x66mm)	BA	6	1-3-Nil	8	5	Nil	103
Model 85 Classic Deluxe (.270)	BA	4	2-3-Nil	7	4	Nil	64
Model 85 Classic Deluxe (7x64mm)	BA	4	1-2-3	7	4	Nil	68
Model 85 Classic Deluxe (.30-06)	BA	3	2-3-Nil	7	4	Nil	74
Model 85 Classic Deluxe (9.3x66mm)	BA	6	1-3-Nil	8	5	Nil	102
Model 85 Classic Deluxe (.375 Magnum)	BA	7	1-3-5	8	5	Nil	117

Model 85 Finnlight

The Finnlight is designed to be light and compact, to serve as a light carry though still useful hunting rifle in rough terrain. Secondly, the Finnlight is also an excellent rifle for youths and smaller-statured hunters, such as teenagers and some women (and men). The cartridges it fires are for the most part high-powered ones; nothing has been skimped on in power with the possible exception of the use from a shorter barrel. The stock is synthetic and black, with gray grip panels called by Sako “soft stock coatings.” The stock has a small soft cheek pad and a black rubber recoil pad. Barrels are short – 20.25 inches for short-action rounds, 22.44 inches for medium-action rounds, and 24.375 inches for magnum chamberings. Barrels are of heavy profile, but fluted; they are also specially-bedded and of high-grade steel.

Weapon	Ammunition	Weight	Magazines	Price
Model 85 Finnlight	.22-250 Remington	2.8 kg	5	\$911
Model 85 Finnlight	.243 Winchester	2.8 kg	5	\$1067
Model 85 Finnlight	.260 Remington	2.8 kg	5	\$1398
Model 85 Finnlight	7mm-08 Remington	2.8 kg	5	\$1337
Model 85 Finnlight	7.62mm NATO	2.8 kg	5	\$1497
Model 85 Finnlight	.25-06 Remington	2.9 kg	5	\$1520
Model 85 Finnlight	6.5mm Swedish	2.9 kg	5	\$1274
Model 85 Finnlight	.270 Winchester	2.9 kg	5	\$1549
Model 85 Finnlight	.30-06 Springfield	2.9 kg	5	\$1801
Model 85 Finnlight	.270 Winchester Short Magnum	2.9 kg	4	\$1360
Model 85 Finnlight	.300 Winchester Short Magnum	2.9 kg	4	\$1594
Model 85 Finnlight	7mm Remington Magnum	3.1 kg	4	\$1608
Model 85 Finnlight	.300 Winchester Magnum	3.1 kg	4	\$2410

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 85 Finnlight (.22-250)	BA	3	1-Nil	6	3	Nil	60
Model 85 Finnlight (.243)	BA	3	2-Nil	6	3	Nil	61
Model 85 Finnlight (.260)	BA	4	1-2-Nil	7	4	Nil	65
Model 85 Finnlight (7mm-08)	BA	4	2-3-Nil	6	4	Nil	71
Model 85 Finnlight (7.62mm)	BA	4	2-3-Nil	7	4	Nil	73
Model 85 Finnlight (.25-06)	BA	4	1-2-3	7	4	Nil	102
Model 85 Finnlight (6.5mm)	BA	4	2-Nil	7	4	Nil	73
Model 85 Finnlight (.270)	BA	4	2-3-Nil	7	4	Nil	65
Model 85 Finnlight (.30-06)	BA	4	2-3-Nil	7	4	Nil	74
Model 85 Finnlight (.270 WSM)	BA	4	1-2-3	7	4	Nil	107
Model 85 Finnlight (.300 WSM)	BA	5	1-2-3	7	4	Nil	115
Model 85 Finnlight (7mm Magnum)	BA	4	1-2-3	7	4	Nil	92
Model 85 Finnlight (.300 Magnum)	BA	5	1-2-3	8	4	Nil	95

Model 85 Hunter

Sako calls the moniker “Hunter” a “serious matter of understatement,” as the Hunter has features of precision target rifles/sniper rifles in addition to being a superior hunter’s weapon. The bolt action is improved to the point where its smooth operation is notable. The stock is of high-grade walnut with fine checkering in the right spots, and the butt has the ubiquitous red rubber recoil pad. The forearm and pistol grip wrist are capped with rosewood, and a Sako emblem is on the pistol grip wrist cap. External metalwork is deep

matte blued, though matte stainless is an option. Iron sights are optional, and when present are in the scout position. The rifles otherwise have dovetail mounts for scopes. Barrels are heavy, match-quality, floating, stainless steel, and are hand-mounted and balanced. Magnum barrel length is 24.375 inches; other calibers come in a choice 20 inches or 22.44 inches. The Hunter is among the lightest of the Model 85s. Though the Hunter is a better rifle than the Bavarian, it is only marginally better; the two models are in fact quite similar.

The Hunter Laminated Stainless is essentially the same rifle internally, but the stock is of high-quality gray laminated wood and stainless steel metalwork. It is basically a fancier version of the standard Hunter, and weights 0.1 kg than its hunter counterpart. It is otherwise identical to the standard Hunter. The Stainless Hunter is essentially identical to the standard Hunter, but has bright stainless steel metalwork. A Hunter Lefthanded version of the standard Hunter is otherwise the same as the Hunter except the orientation.

Weapon	Ammunition	Weight	Magazines	Price
Model 85 Hunter (20" Barrel)	.204 Ruger	2.8 kg	6	\$782
Model 85 Hunter (22.44" Barrel)	.204 Ruger	2.9 kg	6	\$808
Model 85 Hunter (20" Barrel)	.222 Remington	2.8 kg	6	\$836
Model 85 Hunter (22.44" Barrel)	.222 Remington	2.9 kg	6	\$862
Model 85 Hunter (20" Barrel)	5.56mm NATO	2.8 kg	6	\$855
Model 85 Hunter (22.44" Barrel)	5.56mm NATO	2.9 kg	6	\$881
Model 85 Hunter (20" Barrel)	.22-250 Remington	3.1 kg	5	\$901
Model 85 Hunter (22.44" Barrel)	.22-250 Remington	3.2 kg	5	\$927
Model 85 Hunter (20" Barrel)	.243 Winchester	3.1 kg	5	\$1056
Model 85 Hunter (22.44" Barrel)	.243 Winchester	3.2 kg	5	\$1082
Model 85 Hunter (20" Barrel)	.25-06 Remington	3.2 kg	5	\$1326
Model 85 Hunter (22.44" Barrel)	.25-06 Remington	3.3 kg	5	\$1352
Model 85 Hunter (20" Barrel)	.260 Remington	3.1 kg	5	\$1387
Model 85 Hunter (22.44" Barrel)	.260 Remington	3.2 kg	5	\$1413
Model 85 Hunter (20" Barrel)	6.5mm Swedish	3.2 kg	5	\$1240
Model 85 Hunter (22.44" Barrel)	6.5mm Swedish	3.3 kg	5	\$1266
Model 85 Hunter (20" Barrel)	.270 Winchester	3.2 kg	5	\$1514
Model 85 Hunter (22.44" Barrel)	.270 Winchester	3.3 kg	5	\$1540
Model 85 Hunter (20" Barrel)	7mm-08 Remington	3.1 kg	5	\$1324
Model 85 Hunter (22.44" Barrel)	7mm-08 Remington	3.2 kg	5	\$1350
Model 85 Hunter (20" Barrel)	7x64mm Brenneke	3.2 kg	5	\$1558
Model 85 Hunter (22.44" Barrel)	7x64mm Brenneke	3.3 kg	5	\$1584
Model 85 Hunter (20" Barrel)	7.62mm NATO	3.1 kg	5	\$1486
Model 85 Hunter (22.44" Barrel)	7.62mm NATO	3.2 kg	5	\$1512
Model 85 Hunter (20" Barrel)	.30-06 Springfield	3.2 kg	5	\$1766
Model 85 Hunter (22.44" Barrel)	.30-06 Springfield	3.3 kg	5	\$1792
Model 85 Hunter (20" Barrel)	8mm Mauser	3.2 kg	5	\$1754
Model 85 Hunter (22.44" Barrel)	8mm Mauser	3.3 kg	5	\$1780
Model 85 Hunter (20" Barrel)	.338 Federal	3.1 kg	5	\$1726
Model 85 Hunter (22.44" Barrel)	.338 Federal	3.2 kg	5	\$1752
Model 85 Hunter (20" Barrel)	9.3x62mm Mauser	3.2 kg	5	\$2726
Model 85 Hunter (22.44" Barrel)	9.3x62mm Mauser	3.3 kg	5	\$2805
Model 85 Hunter (20" Barrel)	9.3x66mm Sako	3.2 kg	5	\$2727
Model 85 Hunter (22.44" Barrel)	9.3x66mm Sako	3.3 kg	5	\$2805
Model 85 Hunter	.270 Winchester Short Magnum	3.3 kg	4	\$1348
Model 85 Hunter	.300 Winchester Short Magnum	3.3 kg	4	\$1581
Model 85 Hunter	7mm Remington Magnum	3.5 kg	4	\$1596
Model 85 Hunter	.300 Winchester Magnum	3.5 kg	4	\$2398
Model 85 Hunter	.338 Winchester Magnum	3.5 kg	4	\$2619
Model 85 Hunter	.375 H&H Magnum	3.5 kg	4	\$3342

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 85 Hunter (.204, 20")	BA	3	1-Nil	6	2	Nil	57
Model 85 Hunter (.204, 22.44")	BA	3	1-Nil	6	2	Nil	67
Model 85 Hunter (.222, 20")	BA	3	1-Nil	6	3	Nil	67
Model 85 Hunter (.222, 22.44")	BA	3	1-Nil	6	3	Nil	76
Model 85 Hunter (5.56mm, 20")	BA	3	1-Nil	6	3	Nil	65
Model 85 Hunter (5.56mm, 22.44")	BA	3	1-Nil	6	3	Nil	75

Model 85 Hunter (.22-250, 20")	BA	3	1-Nil	6	3	Nil	60
Model 85 Hunter (.22-250, 22.44")	BA	3	1-Nil	6	3	Nil	71
Model 85 Hunter (.243, 20")	BA	3	2-Nil	6	3	Nil	61
Model 85 Hunter (.243, 22.44")	BA	3	2-Nil	7	3	Nil	72
Model 85 Hunter (.25-06, 20")	BA	4	1-2-Nil	6	4	Nil	64
Model 85 Hunter (.25-06, 22.44")	BA	4	1-2-Nil	7	4	Nil	76
Model 85 Hunter (.260, 20")	BA	4	1-2-Nil	7	4	Nil	65
Model 85 Hunter (.260, 22.44")	BA	4	1-2-3	7	4	Nil	78
Model 85 Hunter (6.5mm, 20")	BA	3	2-Nil	6	4	Nil	63
Model 85 Hunter (6.5mm, 22.44")	BA	4	2-Nil	7	4	Nil	75
Model 85 Hunter (.270, 20")	BA	4	2-3-Nil	7	4	Nil	56
Model 85 Hunter (.270, 22.44")	BA	4	2-3-Nil	7	4	Nil	67
Model 85 Hunter (7mm-08, 20")	BA	4	2-3-Nil	6	4	Nil	72
Model 85 Hunter (7mm-08, 22.44")	BA	4	2-3-Nil	7	4	Nil	85
Model 85 Hunter (7x64mm, 20")	BA	4	1-2-3	7	4	Nil	70
Model 85 Hunter (7x64mm, 22.44")	BA	4	1-2-3	7	4	Nil	83
Model 85 Hunter (7.62mm, 20")	BA	4	2-3-Nil	7	4	Nil	74
Model 85 Hunter (7.62mm, 22.44")	BA	4	2-3-Nil	7	4	Nil	87
Model 85 Hunter (.30-06, 20")	BA	4	2-3-Nil	7	4	Nil	64
Model 85 Hunter (.30-06, 22.44")	BA	4	2-3-Nil	7	4	Nil	76
Model 85 Hunter (8mm, 20")	BA	4	2-3-Nil	7	4	Nil	74
Model 85 Hunter (8mm, 22.44")	BA	4	2-3-Nil	7	4	Nil	88
Model 85 Hunter (.338, 20")	BA	4	2-3-Nil	7	4	Nil	74
Model 85 Hunter (.338, 22.44")	BA	5	2-3-Nil	7	4	Nil	87
Model 85 Hunter (9.3x62mm, 20")	BA	5	2-4-Nil	7	5	Nil	74
Model 85 Hunter (9.3x62mm, 22.44")	BA	5	2-4-Nil	7	5	Nil	88
Model 85 Hunter (9.3x66mm, 20")	BA	6	1-3-Nil	7	5	Nil	88
Model 85 Hunter (9.3x66mm, 22.44")	BA	6	1-3-Nil	8	5	Nil	105
Model 85 Hunter (.270 WSM)	BA	4	1-2-3	7	4	Nil	107
Model 85 Hunter (.300 WSM)	BA	5	1-2-3	7	4	Nil	116
Model 85 Hunter (7mm Magnum)	BA	4	1-2-3	7	4	Nil	92
Model 85 Hunter (.300 Magnum)	BA	5	1-2-3	8	4	Nil	96
Model 85 Hunter (.338 Magnum)	BA	6	1-3-Nil	8	5	Nil	110
Model 85 Hunter (.375 Magnum)	BA	7	1-3-5	8	5	Nil	118

Model 85 Safari

The Safari is considered a limited-edition rifle; while it is produced every year, different chamberings are produced every year and only limited amounts of the Safari are produced every year. They are made with dense, Presentation-grade walnut stocks, a Bavarian cheekpiece, and a recoil pad for the butt. Sights are in the scout position, and the front sight has an ivory bead. The rifles come from the factory with premium-grade scopes as well, installed using Sako's Optilock mounts. The fore-end and pistol grip wrist are hand-checked to fine grain, and the pistol grip wrist and fore-end have ebony caps. Safari models are all chambered for high-caliber chamberings, the smallest being .338 Winchester Magnum. Barrels are 24.375 inches, match-grade heavy, stainless steel (under their blued exterior), and floated. The word "deluxe" only begins to describe the Safari.

Weapon	Ammunition	Weight	Magazines	Price
Model 85 Safari	.338 Winchester Magnum	4.1 kg	4	\$2847
Model 85 Safari	.375 H&H Magnum	4.1 kg	4	\$3570
Model 85 Safari	.416 Rigby	4.5 kg	4	\$4194
Model 85 Safari	.450 Rigby	4.5 kg	4	\$4848
Model 85 Safari	.500 Jeffery	4.5 kg	4	\$5508

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 85 Safari (.338 Magnum)	BA	6	1-3-Nil	8	5	Nil	116
Model 85 Safari (.375 Magnum)	BA	7	1-3-5	8	5	Nil	124
Model 85 Safari (.416 Rigby)	BA	7	1-3-5	9	5	Nil	129
Model 85 Safari (.450 Rigby)	BA	8	1-2-3	9	6	Nil	129
Model 85 Safari (.500 Jeffery)	BA	9	1-2-3	9	6	Nil	123

Model 85 Synthetic Stainless



The Synthetic Stainless is, in design, very similar to the Hunter series. However, the pistol grip wrist is a bit deeper, and construction is stainless and synthetic materials. The cheek swell is not as high, but it is padded. The stock is of black composite material with the metalwork being matte stainless; the grip areas of the rifle are of textured rubber molded onto the material of the stock. There are no iron sights, but there are dovetails for a variety of scope mounts. The Synthetic Stainless is designed to use a minimum of lubrication. The butt has a recoil pad, though black in this case. The barrel is of medium profile, match-balanced, and floating; lengths are like most of the Model 85 series – 24.375 inches for Magnums, and 20 or 22.44 inches for the other calibers.

Weapon	Ammunition	Weight	Magazines	Price
Model 85 Synthetic Stainless (20" Barrel)	.22-250 Remington	2.8 kg	5	\$910
Model 85 Synthetic Stainless (22.44" Barrel)	.22-250 Remington	2.9 kg	5	\$936
Model 85 Synthetic Stainless (20" Barrel)	.243 Winchester	2.8 kg	5	\$1066
Model 85 Synthetic Stainless (22.44" Barrel)	.243 Winchester	2.9 kg	5	\$1092
Model 85 Synthetic Stainless (20" Barrel)	25-06 Remington	2.9 kg	5	\$1336
Model 85 Synthetic Stainless (22.44" Barrel)	25-06 Remington	3 kg	5	\$1362
Model 85 Synthetic Stainless (20" Barrel)	.260 Remington	2.8 kg	5	\$1397
Model 85 Synthetic Stainless (22.44" Barrel)	.260 Remington	2.9 kg	5	\$1423
Model 85 Synthetic Stainless (20" Barrel)	6.5mm Swedish	2.9 kg	5	\$1250
Model 85 Synthetic Stainless (22.44" Barrel)	6.5mm Swedish	3 kg	5	\$1276
Model 85 Synthetic Stainless (20" Barrel)	.270 Winchester	2.9 kg	5	\$1525
Model 85 Synthetic Stainless (22.44" Barrel)	.270 Winchester	3 kg	5	\$1551
Model 85 Synthetic Stainless (20" Barrel)	7mm-08 Remington	2.8 kg	5	\$1335
Model 85 Synthetic Stainless (22.44" Barrel)	7mm-08 Remington	2.9 kg	5	\$1360
Model 85 Synthetic Stainless (20" Barrel)	7.62mm NATO	2.8 kg	5	\$1496
Model 85 Synthetic Stainless (22.44" Barrel)	7.62mm NATO	2.9 kg	5	\$1522
Model 85 Synthetic Stainless (20" Barrel)	.30-06 Springfield	2.9 kg	5	\$1777
Model 85 Synthetic Stainless (22.44" Barrel)	.30-06 Springfield	3 kg	5	\$1803
Model 85 Synthetic Stainless (20" Barrel)	8mm Mauser	2.9 kg	5	\$1765
Model 85 Synthetic Stainless (22.44" Barrel)	8mm Mauser	3 kg	5	\$1791
Model 85 Synthetic Stainless (20" Barrel)	.338 Federal	2.8 kg	5	\$1737
Model 85 Synthetic Stainless (22.44" Barrel)	.338 Federal	2.9 kg	5	\$1763
Model 85 Synthetic Stainless (20" Barrel)	9.3x62mm Mauser	2.9 kg	5	\$2735
Model 85 Synthetic Stainless (22.44" Barrel)	9.3x62mm Mauser	3 kg	5	\$2813
Model 85 Synthetic Stainless (20" Barrel)	9.3x66mm Sako	2.9 kg	5	\$2864
Model 85 Synthetic Stainless (22.44" Barrel)	9.3x66mm Sako	3 kg	5	\$2942
Model 85 Synthetic Stainless	.270 Winchester Short Magnum	3 kg	4	\$1362
Model 85 Synthetic Stainless	.300 Winchester Short Magnum	3 kg	4	\$1595
Model 85 Synthetic Stainless	7mm Remington Magnum	3.2 kg	4	\$1610
Model 85 Synthetic Stainless	.300 Winchester Magnum	3.2 kg	4	\$2416
Model 85 Synthetic Stainless	.338 Winchester Magnum	3.2 kg	4	\$2637
Model 85 Synthetic Stainless	.375 H&H Magnum	3.2 kg	4	\$3362

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 85 Synthetic Stainless (.22-250, 20")	BA	3	1-Nil	6	3	Nil	59
Model 85 Synthetic Stainless (.22-250, 22.44")	BA	3	1-Nil	6	3	Nil	70



<b>Model 85 Synthetic Stainless (.243, 20")</b>	BA	3	2-Nil	6	3	Nil	60
<b>Model 85 Synthetic Stainless (.243, 22.44")</b>	BA	3	2-Nil	7	3	Nil	71
<b>Model 85 Synthetic Stainless (.25-06, 20")</b>	BA	4	1-2-Nil	6	4	Nil	63
<b>Model 85 Synthetic Stainless (.25-06, 22.44")</b>	BA	4	1-2-Nil	7	4	Nil	75
<b>Model 85 Synthetic Stainless (.260, 20")</b>	BA	4	1-2-Nil	6	4	Nil	64
<b>Model 85 Synthetic Stainless (.260, 22.44")</b>	BA	4	1-2-3	7	4	Nil	77
<b>Model 85 Synthetic Stainless (6.5mm, 20")</b>	BA	3	2-Nil	6	4	Nil	62
<b>Model 85 Synthetic Stainless (6.5mm, 22.44")</b>	BA	4	2-Nil	7	4	Nil	74
<b>Model 85 Synthetic Stainless (.270, 20")</b>	BA	4	2-3-Nil	7	4	Nil	55
<b>Model 85 Synthetic Stainless (.270, 22.44")</b>	BA	4	2-3-Nil	7	4	Nil	66
<b>Model 85 Synthetic Stainless (7mm-08, 20")</b>	BA	4	2-3-Nil	6	4	Nil	71
<b>Model 85 Synthetic Stainless (7mm-08, 22.44")</b>	BA	4	2-3-Nil	7	4	Nil	84
<b>Model 85 Synthetic Stainless (7.62mm, 20")</b>	BA	4	2-3-Nil	7	4	Nil	73
<b>Model 85 Synthetic Stainless (7.62mm, 22.44")</b>	BA	4	2-3-Nil	7	4	Nil	86
<b>Model 85 Synthetic Stainless (.30-06, 20")</b>	BA	4	2-3-Nil	7	4	Nil	63
<b>Model 85 Synthetic Stainless (.30-06, 22.44")</b>	BA	4	2-3-Nil	7	4	Nil	75
<b>Model 85 Synthetic Stainless (8mm, 20")</b>	BA	4	2-3-Nil	7	4	Nil	73
<b>Model 85 Synthetic Stainless (8mm, 22.44")</b>	BA	4	2-3-Nil	7	4	Nil	86
<b>Model 85 Synthetic Stainless (.338, 20")</b>	BA	4	2-3-Nil	7	4	Nil	73
<b>Model 85 Synthetic Stainless (.338, 22.44")</b>	BA	4	2-3-Nil	7	4	Nil	86
<b>Model 85 Synthetic Stainless (9.3x62mm, 20")</b>	BA	5	2-4-Nil	7	5	Nil	73
<b>Model 85 Synthetic Stainless (9.3x62mm, 22.44")</b>	BA	5	2-4-Nil	8	5	Nil	86
<b>Model 85 Synthetic Stainless (9.3x66mm, 20")</b>	BA	6	1-3-Nil	7	5	Nil	86
<b>Model 85 Synthetic Stainless (9.3x62mm, 22.44")</b>	BA	6	1-3-Nil	8	5	Nil	103
<b>Model 85 Synthetic Stainless (.270 WSM)</b>	BA	4	1-2-3	7	4	Nil	108
<b>Model 85 Synthetic Stainless (.300 WSM)</b>	BA	5	1-2-3	7	4	Nil	117
<b>Model 85 Synthetic Stainless (7mm Magnum)</b>	BA	4	1-2-3	7	4	Nil	93
<b>Model 85 Synthetic Stainless (.300 Magnum)</b>	BA	5	1-2-3	8	4	Nil	97
<b>Model 85 Synthetic Stainless (.338 Magnum)</b>	BA	6	1-3-Nil	8	5	Nil	111
<b>Model 85 Synthetic Stainless (.375 Magnum)</b>	BA	7	1-3-5	8	6	Nil	119

Model 85 Varmint

Notes: As with most such rifles with the “varmint” moniker, the Model 85 Varmint is designed with accuracy to shot small critters at a distance as well as being accurate enough to be a fine target rifle. The Varmint has a cheek swell as well as a recoil pad on its butt (black, instead of red), as well as having a deep pistol grip wrist (derived from those used for benchrest shooting) and fine checkering on the wrist and fore-end. The fore-end also has an extra-wide, flattened beavertail at the point of grip (below the checkering). Each chambering has a choice of two barrel lengths – 20 inches and 23.625 inches. The barrel itself is a bull barrel, floating, and match-quality. The rifle itself is solid and weighty.

The Varmint Laminated Stainless is virtually identical in its basic design to the Varmint, but the metalwork is matte stainless steel, and the stock is coated in tough laminate for weatherproofing. The Varmint Laminated Stainless is also a little heavier than the Varmint, but for game purposes, their firing characteristics are the same. The weight of a Varmint Laminated Stainless is 0.2 kilograms heavier than its Varmint counterpart.

Weapon	Ammunition	Weight	Magazines	Price
Model 85 Varmint (20" Barrel)	.204 Ruger	3.5 kg	6	\$789
Model 85 Varmint (23.625" Barrel)	.204 Ruger	3.7 kg	6	\$828
Model 85 Varmint (20" Barrel)	.222 Remington	3.5 kg	6	\$843
Model 85 Varmint (23.625" Barrel)	.222 Remington	3.7 kg	6	\$881
Model 85 Varmint (20" Barrel)	5.56mm NATO	3.5 kg	6	\$860
Model 85 Varmint (23.625" Barrel)	5.56mm NATO	3.7 kg	6	\$899
Model 85 Varmint (20" Barrel)	.22-250 Remington	3.7 kg	5	\$906
Model 85 Varmint (23.625" Barrel)	.22-250 Remington	3.9 kg	5	\$946
Model 85 Varmint (20" Barrel)	.243 Winchester	3.7 kg	5	\$1061
Model 85 Varmint (23.625" Barrel)	.243 Winchester	3.9 kg	5	\$1101
Model 85 Varmint (20" Barrel)	.260 Remington	3.7 kg	5	\$1392
Model 85 Varmint (23.625" Barrel)	.260 Remington	3.9 kg	5	\$1431
Model 85 Varmint (20" Barrel)	7mm-08 Remington	3.7 kg	5	\$1329
Model 85 Varmint (23.625" Barrel)	7mm-08 Remington	3.9 kg	5	\$1369
Model 85 Varmint (20" Barrel)	7.62mm NATO	3.7 kg	5	\$1491
Model 85 Varmint (23.625" Barrel)	7.62mm NATO	3.9 kg	5	\$1530
Model 85 Varmint (20" Barrel)	.338 Federal	3.7 kg	5	\$1731
Model 85 Varmint (23.625" Barrel)	.338 Federal	3.9 kg	5	\$1770

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 85 Varmint (.204, 20")	BA	3	1-Nil	6	2	Nil	59
Model 85 Varmint (.204, 23.625")	BA	3	1-Nil	7	2	Nil	72
Model 85 Varmint (.222, 20")	BA	3	1-Nil	6	2	Nil	70
Model 85 Varmint (.222, 23.625")	BA	3	1-Nil	7	2	Nil	83
Model 85 Varmint (5.56mm, 20")	BA	3	1-Nil	6	2	Nil	68
Model 85 Varmint (5.56mm, 23.625")	BA	3	1-Nil	7	2	Nil	81
Model 85 Varmint (.22-250, 20")	BA	3	1-Nil	6	2	Nil	62
Model 85 Varmint (.22-250, 23.625")	BA	3	1-Nil	7	2	Nil	78
Model 85 Varmint (.243, 20")	BA	3	2-Nil	6	2	Nil	63
Model 85 Varmint (.243, 23.625")	BA	3	2-Nil	7	2	Nil	81
Model 85 Varmint (.260, 20")	BA	4	1-2-3	7	3	Nil	68
Model 85 Varmint (.260, 23.625")	BA	4	1-2-3	7	3	Nil	87
Model 85 Varmint (7mm-08, 20")	BA	4	2-3-Nil	7	4	Nil	74
Model 85 Varmint (7mm-08, 23.625")	BA	4	2-3-Nil	7	3	Nil	95
Model 85 Varmint (7.62mm, 20")	BA	4	2-3-Nil	7	4	Nil	76
Model 85 Varmint (7.62mm, 23.625")	BA	4	2-3-Nil	7	4	Nil	97
Model 85 Varmint (7.62mm, 20")	BA	4	2-3-Nil	7	4	Nil	76
Model 85 Varmint (7.62mm, 23.625")	BA	5	2-3-Nil	8	4	Nil	97

**Tikka M-55**

Notes: This is a magazine-fed bolt-action rifle first introduced in the mid-1960s. It is a plain, simple rifle, with an oil-finished hardwood stock that has a pistol-grip-wrist stock. The rifle tolerates cold weather well, and the trigger guard is large. The bolt handle also has a large-diameter knob. Several variants were produced, including the Sporter, a heavy-barreled variant; the Super Sporter, with a synthetic stock and a rail for a bipod or other accessories; and two that are essentially identical to the standard version for game purposes: the DL, a deluxe version, and the SSP, a version with micro-adjustable sights.

Weapon	Ammunition	Weight	Magazines	Price
M-55	.17 Remington	2.83 kg	3	\$586
M-55	.222 Remington	2.91 kg	3	\$787
M-55	.22-250 Remington	2.97 kg	3	\$853
M-55	6mm Remington	3.34 kg	3	\$1075
M-55	.243 Winchester	3.24 kg	3	\$1009
M-55	7.62mm NATO	3.87 kg	3	\$1440
M-55 Sporter	.222 Remington	3.87 kg	3	\$809
M-55 Sporter	.22-250 Remington	3.85 kg	3	\$875
M-55 Sporter	.243 Winchester	4.08 kg	3	\$1031
M-55 Sporter	7.62mm NATO	4.71 kg	3	\$1462
M-55 Super Sporter	.222 Remington	3.11 kg	3	\$814
M-55 Super Sporter	.22-250 Remington	3.1 kg	3	\$879
M-55 Super Sporter	.243 Winchester	3.28 kg	3	\$1035
M-55 Super Sporter	7.62mm NATO	3.79 kg	3	\$1466

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-55 (.17)	BA	2	1-Nil	6	3	Nil	55
M-55 (.222)	BA	3	1-Nil	6	3	Nil	74
M-55 (.22-250)	BA	3	1-Nil	7	3	Nil	68
M-55 (6mm)	BA	3	2-Nil	7	3	Nil	64
M-55 (.243)	BA	3	2-Nil	7	3	Nil	69
M-55 (7.62mm)	BA	4	2-3-Nil	7	4	Nil	83
M-55 Sporter (.222)	BA	3	1-Nil	7	3	Nil	81
M-55 Sporter (.22-250)	BA	3	2-Nil	7	3	Nil	76
M-55 Sporter (.243)	BA	3	2-Nil	7	3	Nil	79
M-55 Sporter (7.62mm)	BA	4	2-3-Nil	7	4	Nil	95
M-55 Super Sporter (.222)	BA	3	1-Nil	7	3	Nil	81
M-55 Super Sporter (.22-250)	BA	3	2-Nil	7	3	Nil	76
M-55 Super Sporter (.243)	BA	3	2-Nil	7	3	Nil	89
M-55 Super Sporter (7.62mm)	BA	4	2-3-Nil	7	4	Nil	95

**Tikka M-65**

Notes: This is basically an M-55 designed to fire long and Magnum rounds. Changes include lengthening the cocking piece shroud, and of course the necessary changes to fire higher-power ammunition. Variants include the Wildboar “carbine” model; the Sporter, with a long, heavy barrel and 7-round magazine, and Super Sporter, with a synthetic stock and a fluted barrel; and the Model 65A, with a bipod attachment, 10-round magazine, an anatomical pistol-trip wrist to the stock, and a recoil pad on the butt.

Weapon	Ammunition	Weight	Magazines	Price
M-65	6.5mm Swedish	3.4 kg	5	\$1180
M-65	.270 Winchester	3.8 kg	5	\$1456
M-65	7mm Brenneke	3.87 kg	5	\$1500
M-65	7mm Remington Magnum	3.86 kg	5	\$1495
M-65	.30-06 Springfield	3.94 kg	5	\$1709
M-65	7.62mm NATO	3.76 kg	5	\$1427
M-65	.300 Winchester Magnum	4.39 kg	5	\$2235
M-65 Wildboar	.30-06 Springfield	3.86 kg	5	\$1693
M-65 Wildboar	7.62mm NATO	3.45 kg	5	\$1412
M-65 Sporter	6.5mm Swedish	4.49 kg	7	\$1202
M-65 Sporter	.270 Winchester	5.02 kg	7	\$1478
M-65 Sporter	7mm Brenneke	5.11 kg	7	\$1522
M-65 Sporter	7mm Remington Magnum	5.1 kg	7	\$1517
M-65 Sporter	.30-06 Springfield	5.2 kg	7	\$1731

M-65 Sporter	7.62mm NATO	4.96 kg	7	\$1449
M-65 Sporter	.300 Winchester Magnum	5.79 kg	7	\$2300
M-65 Super Sporter	6.5mm Swedish	3.7 kg	7	\$1211
M-65 Super Sporter	.270 Winchester	4.14 kg	7	\$1486
M-65 Super Sporter	7mm Brenneke	4.21 kg	7	\$1530
M-65 Super Sporter	7mm Remington Magnum	4.2 kg	7	\$1525
M-65 Super Sporter	.30-06 Springfield	4.28 kg	7	\$1739
M-65 Super Sporter	7.62mm NATO	4.09 kg	7	\$1457
M-65 Super Sporter	.300 Winchester Magnum	4.77 kg	7	\$2307
M-65A	7.62mm NATO	5.07 kg	10	\$1452

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-65 (6.5mm)	BA	4	2-Nil	7	4	Nil	68
M-65 (.270)	BA	4	2-3-Nil	7	4	Nil	61
M-65 (7mm Brenneke)	BA	4	2-3-Nil	7	4	Nil	63
M-65 (7mm Magnum)	BA	4	1-2-3	7	4	Nil	76
M-65 (.30-06)	BA	4	2-3-Nil	7	4	Nil	69
M-65 (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
M-65 (.300)	BA	5	2-3-Nil	7	4	Nil	78
M-65 Wildboar (.30-06)	BA	4	2-3-Nil	7	4	Nil	61
M-65 Wildboar (7.62mm)	BA	4	2-3-Nil	7	4	Nil	71
M-65 Sporter (6.5mm)	BA	4	2-Nil	7	4	Nil	78
M-65 Sporter (.270)	BA	4	2-3-Nil	7	4	Nil	70
M-65 Sporter (7mm Brenneke)	BA	4	2-3-Nil	7	4	Nil	72
M-65 Sporter (7mm Magnum)	BA	4	1-2-3	7	4	Nil	87
M-65 Sporter (.30-06)	BA	4	2-3-Nil	8	4	Nil	79
M-65 Sporter (7.62mm)	BA	4	2-3-Nil	7	4	Nil	90
M-65 Sporter (.300)	BA	5	2-3-Nil	8	4	Nil	90
M-65 Super Sporter (6.5mm)	BA	4	2-Nil	7	4	Nil	78
M-65 Sporter (.270)	BA	4	2-3-Nil	7	4	Nil	70
M-65 Super Sporter (7mm Brenneke)	BA	4	2-3-Nil	7	4	Nil	72
M-65 Super Sporter (7mm Magnum)	BA	4	1-2-3	7	4	Nil	87
M-65 Super Sporter (.30-06)	BA	4	2-3-Nil	8	4	Nil	79
M-65 Super Sporter (7.62mm)	BA	4	2-3-Nil	7	4	Nil	90
M-65 Super Sporter (.300)	BA	5	2-3-Nil	8	4	Nil	90
M-65A	BA	4	2-3-Nil	7	3	Nil	92

Tikka M-590/M-690 Popular

Notes: Originally known as the M-558 and M-658, the Popular was a replacement for the M-55 and M-65 series of rifles. The standard rifle is designed for short and medium-length cartridges, and has squarer contours than the previous rifle. The Popular has an adjustable trigger, and a Monte Carlo comb and cheekpiece. Variants include the Popular Battue (known as the Whitetail in North America), with a shorter barrel and a rear sight enclosed within a short ventilated rib; the Popular Continental, with a longer, heavier barrel, and larger magazine; and the Popular Deluxe, a version of the Popular with better woods and finishes.

Weapon	Ammunition	Weight	Magazines	Price
M-590 Popular	.17 Remington	2.86 kg	3	\$578
M-590 Popular	.222 Remington	3.1 kg	3	\$778
M-590 Popular	.22-250 Remington	3.2 kg	3	\$844
M-590 Popular	5.56mm NATO	3.13 kg	3	\$797
M-590 Popular	.243 Winchester	3.46 kg	3	\$1000
M-590 Popular	7.62mm NATO	3.96 kg	3	\$1431
M-590 Popular Battue	.17 Remington	2.77 kg	3	\$559
M-590 Popular Battue	.222 Remington	3 kg	3	\$748
M-590 Popular Battue	.22-250 Remington	3.1 kg	3	\$826
M-590 Popular Battue	5.56mm NATO	3.03 kg	3	\$779
M-590 Popular Battue	.243 Winchester	3.35 kg	3	\$981
M-590 Popular Battue	7.62mm NATO	3.83 kg	3	\$1413
M-590 Popular Continental	.17 Remington	3.29 kg	5	\$595
M-590 Popular Continental	.222 Remington	3.57 kg	5	\$796

M-590 Popular Continental	.22-250 Remington	3.7 kg	5	\$861
M-590 Popular Continental	5.56mm NATO	3.6 kg	5	\$815
M-590 Popular Continental	.243 Winchester	3.98 kg	5	\$1017
M-590 Popular Continental	7.62mm NATO	4.55 kg	5	\$1449
M-690 Popular	.25-06 Remington	3.24 kg	3	\$1279
M-690 Popular	6.5mm Swedish	2.9 kg	3	\$1185
M-690 Popular	.270 Winchester	3.31 kg	3	\$1465
M-690 Popular	7mm Brenneke	3.38 kg	3	\$1504
M-690 Popular	.30-06 Springfield	3.65 kg	3	\$1713
M-690 Popular	9.3mm Mauser	4.55 kg	3	\$2706
M-690 Popular Battue	.25-06 Remington	3.11 kg	3	\$1252
M-690 Popular Battue	6.5mm Swedish	2.79 kg	3	\$1166
M-690 Popular Battue	.270 Winchester	3.18 kg	3	\$1442
M-690 Popular Battue	7mm Brenneke	3.25 kg	3	\$1486
M-690 Popular Battue	.30-06 Springfield	3.51 kg	3	\$1695
M-690 Popular Battue	9.3mm Mauser	4.37 kg	3	\$2651
M-690 Popular Continental	.25-06 Remington	3.73 kg	5	\$1288
M-690 Popular Continental	6.5mm Swedish	3.34 kg	5	\$1202
M-690 Popular Continental	.270 Winchester	3.79 kg	5	\$1478
M-690 Popular Continental	7mm Brenneke	3.89 kg	5	\$1522
M-690 Popular Continental	.30-06 Springfield	4.2 kg	5	\$1731
M-690 Popular Continental	9.3mm Mauser	5.23 kg	5	\$2759
M-690 Popular Magnum	7mm Remington Magnum	3.4 kg	3	\$1519
M-690 Popular Magnum	.300 Winchester Magnum	4.14 kg	3	\$2306
M-690 Popular Magnum	.338 Winchester Magnum	4.3 kg	3	\$2528
M-690 Popular Magnum Battue	7mm Remington Magnum	3.29 kg	3	\$1481
M-690 Popular Magnum Battue	.300 Winchester Magnum	4.01 kg	3	\$2192
M-690 Popular Magnum Battue	.338 Winchester Magnum	4.16 kg	3	\$2414
M-690 Popular Magnum Continental	7mm Remington Magnum	3.91 kg	4	\$1517
M-690 Popular Magnum Continental	.300 Winchester Magnum	4.76 kg	4	\$2300
M-690 Popular Magnum Continental	.338 Winchester Magnum	4.95 kg	4	\$2522

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-590 Popular (.17)	BA	2	1-Nil	6	3	Nil	54
M-590 Popular (.222)	BA	3	1-Nil	6	3	Nil	73
M-590 Popular (.22-250)	BA	3	1-Nil	6	3	Nil	67
M-590 Popular (5.56mm)	BA	3	1-Nil	6	3	Nil	71
M-590 Popular (.243)	BA	3	2-Nil	6	3	Nil	67
M-590 Popular (7.62mm)	BA	4	2-3-Nil	7	4	Nil	81
M-590 Popular Battue (.17)	BA	2	1-Nil	6	3	Nil	48
M-590 Popular Battue (.222)	BA	3	1-Nil	6	3	Nil	67
M-590 Popular Battue (.22-250)	BA	3	1-Nil	6	3	Nil	59
M-590 Popular Battue (5.56mm)	BA	3	1-Nil	6	3	Nil	64
M-590 Popular Battue (.243)	BA	3	2-Nil	6	3	Nil	60
M-590 Popular Battue (7.62mm)	BA	4	2-3-Nil	7	4	Nil	72
M-590 Popular Continental (.17)	BA	2	1-Nil	6	3	Nil	59
M-590 Popular Continental (.222)	BA	3	1-Nil	7	3	Nil	78
M-590 Popular Continental (.22-250)	BA	3	1-Nil	7	3	Nil	74
M-590 Popular Continental (5.56mm)	BA	3	1-Nil	7	3	Nil	77
M-590 Popular Continental (.243)	BA	3	2-Nil	7	3	Nil	75
M-590 Popular Continental (7.62mm)	BA	4	2-3-Nil	7	4	Nil	90
M-690 Popular (.25-06)	BA	4	2-Nil	7	4	Nil	58
M-690 Popular (6.5mm)	BA	4	2-Nil	7	5	Nil	70
M-690 Popular (.270)	BA	4	2-3-Nil	7	5	Nil	62
M-690 Popular (7mm Brenneke)	BA	4	2-3-Nil	7	5	Nil	65
M-690 Popular (.30-06)	BA	4	2-3-Nil	7	5	Nil	71
M-690 Popular (9.3mm)	BA	5	2-4-Nil	7	5	Nil	82
M-690 Popular Battue (.25-06)	BA	4	2-Nil	6	4	Nil	52
M-690 Popular Battue (6.5mm)	BA	3	2-Nil	6	5	Nil	62



M-690 Popular Battue (.270)	BA	4	2-3-Nil	7	5	Nil	55
M-690 Popular Battue (7mm Brenneke)	BA	4	2-3-Nil	7	5	Nil	57
M-690 Popular Battue (.30-06)	BA	4	2-3-Nil	7	5	Nil	62
M-690 Popular Battue (9.3mm)	BA	5	2-4-Nil	7	5	Nil	72
M-690 Popular Continental (.25-06)	BA	4	2-3-Nil	7	4	Nil	66
M-690 Popular Continental (6.5mm)	BA	4	2-Nil	7	4	Nil	78
M-690 Popular Continental (.270)	BA	4	2-3-Nil	7	4	Nil	70
M-690 Popular Continental (7mm Brenneke)	BA	4	2-3-Nil	7	4	Nil	72
M-690 Popular Continental (.30-06)	BA	4	2-3-Nil	7	4	Nil	79
M-690 Popular Continental (9.3mm)	BA	5	2-4-Nil	8	5	Nil	91
M-690 Popular Magnum (7mm Magnum)	BA	4	1-2-3	7	5	Nil	88
M-690 Popular Magnum (.300)	BA	5	2-3-Nil	8	4	Nil	91
M-690 Popular Magnum (.338)	BA	6	1-3-Nil	8	5	Nil	105
M-690 Popular Magnum Battue (7mm Magnum)	BA	4	1-2-3	7	5	Nil	68
M-690 Popular Magnum Battue (.300)	BA	5	2-3-Nil	7	4	Nil	71
M-690 Popular Magnum Battue (.338)	BA	6	1-2-3	7	4	Nil	82
M-690 Popular Magnum Continental (7mm Magnum)	BA	4	1-2-3	7	4	Nil	87
M-690 Popular Magnum Continental (.300)	BA	5	2-3-Nil	7	4	Nil	90
M-690 Popular Magnum Continental (.338)	BA	6	1-3-Nil	8	5	Nil	104

**Tikka Master Sporter M-595**

Real World Story: By 2000, Tikka was a part of Sako Firearms. One of its newer products at the time was the Master Sporter series; Tikka/Sako seemed to want to produce a hunting rifle that could be sold almost anywhere in the Western world and still find a compatible ammunition caliber. The smallest member of this series was the M-595, made for rounds from the .17 Remington round to the 7.62mm NATO. The stock and furniture are similar to that used on the TRG-21/41 sniper rifles; however, the wood used is of lower quality and does not come laminated from the manufacturer, making it highly susceptible to weather variations. It is an inexpensive weapon, however. The Tikka Master Sporter Series is seeing some limited military use as a sniper rifle.

The M-695 is a larger-caliber version of the M-595, made for more powerful cartridges. Other than a longer barrel and changes in the bolt, it is the same as the M-595. The M-695 Magnum is, as its name suggests, designed for Magnum cartridges; it has the longest barrel of the series.

Twilight 2000 Story: This weapon does not exist.

Merc 2000 Story: The Master Sporter series got a reputation as a “poor man’s sniper rifle,” used by some smaller countries as a substitute for a dedicated sniper rifle.

Weapon	Ammunition	Weight	Magazines	Price
M-595	.17 Remington	3.46 kg	5	\$579
M-595	.222 Remington	3.6 kg	5	\$778
M-595	.22 PPC	3.56 kg	5	\$722
M-595	5.56mm NATO	3.62 kg	5	\$797
M-595	.22-250 Remington	3.65 kg	5	\$843
M-595	.243 Winchester	3.76 kg	5	\$999
M-595	7mm-08 Remington	3.96 kg	5	\$1269
M-595	7.62mm NATO	4.08 kg	5	\$1431
M-695	.25-06 Remington	3.99 kg	5	\$1280
M-695	6.5mm Swedish Mauser	3.92 kg	5	\$1194
M-695	.270 Winchester	4.12 kg	5	\$1470
M-695	7x64mm Brenneke	4.16 kg	5	\$1514
M-695	.30-06 Springfield	4.31 kg	5	\$1723
M-695	9.3x62mm Mauser	4.85 kg	5	\$2735
M-695 Magnum	7mm Remington Magnum	4.4 kg	4	\$1519
M-695 Magnum	.300 Winchester Magnum	4.77 kg	4	\$2307
M-695 Magnum	.338 Winchester Magnum	4.96 kg	4	\$2570

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-595 (.17)	BA	2	1-Nil	6	2	Nil	54
M-595 (.222)	BA	3	1-Nil	6	3	Nil	73
M-595 (.22 PPC)	BA	3	1-Nil	6	3	Nil	75
M-595 (5.56mm)	BA	3	1-Nil	6	3	Nil	71
M-595 (.22-250)	BA	3	1-Nil	6	3	Nil	66

M-595 (.243)	BA	3	2-Nil	6	3	Nil	67
M-595 (7mm-08)	BA	4	2-3-Nil	7	4	Nil	79
M-595 (7.62mm)	BA	4	2-3-Nil	7	4	Nil	81
M-695 (.25-06)	BA	4	2-Nil	7	4	Nil	63
M-695 (6.5mm)	BA	4	2-Nil	7	4	Nil	74
M-695 (.270)	BA	4	2-3-Nil	7	4	Nil	66
M-695 (7x64mm)	BA	4	2-3-Nil	7	4	Nil	69
M-695 (.30-06)	BA	4	2-3-Nil	7	4	Nil	75
M-695 (9.3x62mm)	BA	5	2-4-Nil	8	5	Nil	87
M-695 Magnum (7mm Magnum)	BA	4	1-2-3	7	4	Nil	88
M-695 Magnum (.300)	BA	5	2-3-Nil	7	4	Nil	91
M-695 Magnum (.338)	BA	6	1-3-Nil	8	5	Nil	106

Tikka T3

Notes: The T3 is a new sporting rifle from Finland. There are two models; the T3 Hunter has a wooden stock, while the T3 Lite has a stock made of synthetics. The T3 is fitted with rings for a telescopic sight, and are fed from detachable magazines. The synthetic stock on the T3 Lite is very rigid and resists bending, cracking, and warping. Standard barrels are shorter than those for Magnum calibers.

Twilight 2000 Notes: This weapon does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
T3	5.56mm NATO	2.81 kg	4	\$806
T3	.22-250 Remington	2.81 kg	4	\$853
T3	.243 Winchester	2.81 kg	3	\$1008
T3	.25-06 Remington	2.81 kg	3	\$1279
T3	.270 Winchester	2.81 kg	3	\$1468
T3	.270 Winchester Short Magnum	2.89 kg	3	\$1278
T3	7.62mm NATO	2.81 kg	3	\$1440
T3	.30-06 Springfield	2.81 kg	3	\$1721
T3	7mm Remington Magnum	2.89 kg	3	\$1527
T3	7mm Winchester Short Magnum	2.89 kg	3	\$1327
T3	.300 Winchester Magnum	2.89 kg	3	\$2313
T3	.300 Winchester Short Magnum	2.89 kg	3	\$1512
T3	.338 Winchester Magnum	2.89 kg	3	\$2535

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3 (5.56mm)	BA	3	1-Nil	6	3	Nil	71
T3 (.22-250)	BA	3	1-Nil	6	3	Nil	66
T3 (.243)	BA	3	2-Nil	6	3	Nil	67
T3 (.25-06)	BA	4	1-2-Nil	7	5	Nil	71
T3 (.270)	BA	4	2-3-Nil	7	5	Nil	62
T3 (.270 Short Magnum)	BA	4	1-2-3	7	5	Nil	102
T3 (7.62mm)	BA	4	2-3-Nil	7	5	Nil	81
T3 (.30-06)	BA	4	2-3-Nil	7	5	Nil	71
T3 (7mm Magnum)	BA	4	1-2-3	7	5	Nil	88
T3 (7mm Short Magnum)	BA	4	1-2-3	7	5	Nil	104
T3 (.300 Magnum)	BA	5	1-2-3	7	5	Nil	91
T3 (.300 Short Magnum)	BA	4	1-2-3	7	5	Nil	110
T3 (.338 Magnum)	BA	6	1-3-Nil	8	6	Nil	105

Tikka T3 Hunter

Notes: The T3 was the first version of the T3 series, a predecessor of the T3x. The T3 series gained a dubious reputation for its too-short ejection port, making stuck cases all-too-common and making it difficult to load cartridges one at a time or from the top. The bolt handle also received complaints for being too angled, making manipulation problematic sometimes.

The Hunter has a walnut stock and checkered grip panels; the safety is similar to the T3x, blocking both the trigger and bolt handle. The action is designed for easy servicing and accuracy. The action is very rigid, especially where it joins the barrel. The trigger is user adjustable from 2-4 pounds. (A single set trigger is an option.) The trigger guard is enlarged for use with gloves. The stock has a recoil pad and comes with several spacers for adjusting LOP. The barrel is cold hammer-forged, stainless steel or CR-MO alloy steel, and is floating. It is also hand-crowned with a target crown. (The barrels are actually made by Sako, an affiliated company.) Magazines are reinforced fiberglass with a horizontally grooved latch. Metalwork finish is blued. It does not have the interchangeable grips of the T3x Hunter, but does have stock spacers.

The Hunter Stainless is the same as the Hunter, but has a frosted stainless finish to its barrel, bolt handle and action, except for the bolt cover. The Hunter Fluted Barrel Stainless is the same as the Hunter Stainless, except to the Hunter Fluted Barrel.

The Hunter Fluted Barrel is largely the same as the Hunter, but with a fluted heavy barrel and a different mix of barrel lengths, and the omission of some chamberings.

Weapon	Ammunition	Weight	Magazines	Price
T3 Hunter (22.4" Barrel)	.204 Ruger	3.1 kg	4	\$807
T3 Hunter (20" Barrel)	5.56mm NATO	3 kg	4	\$855
T3 Hunter (22.4" Barrel)	5.56mm NATO	3.1 kg	4	\$880
T3 Hunter (20" Barrel)	.222 Remington	3 kg	4	\$836
T3 Hunter (22.4" Barrel)	.222 Remington	3.1 kg	4	\$862
T3 Hunter (20" Barrel)	.22-250 Remington	3 kg	3	\$901

T3 Hunter (22.4" Barrel)	.22-250 Remington	3.1 kg	3	\$927
T3 Hunter (20" Barrel)	.25-06 Remington	3 kg	3	\$1326
T3 Hunter (22.4" Barrel)	.25-06 Remington	3.1 kg	3	\$1351
T3 Hunter (20" Barrel)	.243 Winchester	3 kg	3	\$1056
T3 Hunter (22.4" Barrel)	.243 Winchester	3.1 kg	3	\$1082
T3 Hunter (20" Barrel)	6.5mm Swedish	3.1 kg	3	\$1240
T3 Hunter (22.4" Barrel)	6.5mm Swedish	3.1 kg	3	\$1266
T3 Hunter (22.4" Barrel)	.270 Winchester	3.1 kg	3	\$1540
T3 Hunter (20" Barrel)	.270 Winchester Short Magnum	3 kg	3	\$1305
T3 Hunter (24.4" Barrel)	.270 Winchester Short Magnum	3.2 kg	3	\$1352
T3 Hunter (22.4" Barrel)	7x64mm Brenneke	3.1 kg	3	\$1584
T3 Hunter (22.4" Barrel)	7mm-08 Remington	3.1 kg	3	\$1350
T3 Hunter (24.4" Barrel)	7mm-08 Remington	3.2 kg	3	\$1371
T3 Hunter (20" Barrel)	7.62mm NATO	3 kg	3	\$1486
T3 Hunter (20" Barrel)	7.62mm NATO	3.1 kg	3	\$1486
T3 Hunter (22.4" Barrel)	7.62mm NATO	3.1 kg	3	\$1511
T3 Hunter (20" Barrel)	.30-06 Springfield	3 kg	3	\$1766
T3 Hunter (20" Barrel)	.30-06 Springfield	3.1 kg	3	\$1766
T3 Hunter (22.4" Barrel)	.30-06 Springfield	3.1 kg	3	\$1792
T3 Hunter (24.4" Barrel)	.300 Winchester Short Magnum	3.2 kg	3	\$1585
T3 Hunter (24.4" Barrel)	.300 Winchester Magnum	3.2 kg	3	\$2411
T3 Hunter (20" Barrel)	8mm Mauser	3 kg	3	\$1754
T3 Hunter (22.4" Barrel)	8mm Mauser	3.1 kg	3	\$1779
T3 Hunter (20" Barrel)	9.3x62mm Mauser	3.1 kg	3	\$2727
T3 Hunter (22.4" Barrel)	9.3x62mm Mauser	3.1 kg	3	\$2804
T3 Hunter (24.4" Barrel)	.338 Winchester Magnum	3.2 kg	3	\$2632
T3 Hunter Fluted Barrel (22.4" Barrel)	.222 Remington	3.1 kg	4	\$864
T3 Hunter Fluted Barrel (22.4" Barrel)	5.56mm NATO	3.1 kg	4	\$882
T3 Hunter Fluted Barrel (22.4" Barrel)	.22-250 Remington	3.1 kg	3	\$929
T3 Hunter Fluted Barrel (22.4" Barrel)	.243 Winchester	3.1 kg	3	\$1084
T3 Hunter Fluted Barrel (22.4" Barrel)	.25-06 Remington	3.1 kg	3	\$1353
T3 Hunter Fluted Barrel (22.4" Barrel)	6.5mm Swedish	3.1 kg	3	\$1268
T3 Hunter Fluted Barrel (22.4" Barrel)	.260 Remington	3.1 kg	3	\$1410
T3 Hunter Fluted Barrel (22.4" Barrel)	7mm-08 Remington	3.1 kg	3	\$1352
T3 Hunter Fluted Barrel (22.4" Barrel)	7mm Remington Magnum	3.1 kg	3	\$1581
T3 Hunter Fluted Barrel (24.4" Barrel)	7mm Remington Magnum	3.2 kg	3	\$1603
T3 Hunter Fluted Barrel (22.4" Barrel)	7x64mm Brenneke	3.1 kg	3	\$1586
T3 Hunter Fluted Barrel (22.4" Barrel)	7.62mm NATO	3.1 kg	3	\$1514
T3 Hunter Fluted Barrel (22.4" Barrel)	.30-06 Springfield	3.1 kg	3	\$1794
T3 Hunter Fluted Barrel (24.4" Barrel)	.300 Winchester Magnum	3.2 kg	3	\$2418
T3 Hunter Fluted Barrel (24.4" Barrel)	.300 Winchester Short Magnum	3.2 kg	3	\$1588
T3 Hunter Fluted Barrel (24.4" Barrel)	.338 Winchester Magnum	3.2 kg	3	\$2639

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3 Hunter (.204, 22.4")	BA	3	1-Nil	6	2	Nil	67
T3 Hunter (5.56mm, 20")	BA	3	1-Nil	6	3	Nil	65
T3 Hunter (5.56mm, 22.4")	BA	3	1-Nil	6	3	Nil	67
T3 Hunter (.222, 20")	BA	3	1-Nil	6	3	Nil	67
T3 Hunter (.222, 22.4")	BA	3	1-Nil	6	3	Nil	76
T3 Hunter (.22-250, 20")	BA	3	1-Nil	6	3	Nil	60
T3 Hunter (.22-250, 22.4")	BA	3	1-Nil	6	3	Nil	71
T3 Hunter (.25-06, 20")	BA	4	1-2-Nil	6	4	Nil	64
T3 Hunter (.25-06, 22.4")	BA	4	1-2-Nil	7	4	Nil	76
T3 Hunter (.243, 20")	BA	3	2-Nil	6	3	Nil	61
T3 Hunter (.243, 22.4")	BA	3	2-Nil	7	3	Nil	72
T3 Hunter (6.5mm, 20")	BA	3	2-Nil	6	4	Nil	63
T3 Hunter (6.5mm, 22.4")	BA	4	2-Nil	7	4	Nil	75
T3 Hunter (.270, 22.4")	BA	4	2-3-Nil	7	4	Nil	67
T3 Hunter (.270 WSM, 20")	BA	4	1-2-Nil	6	4	Nil	82
T3 Hunter (.270 WSM, 24.4")	BA	4	1-2-3	7	4	Nil	109
T3 Hunter (7x64mm, 22.4")	BA	4	1-2-3	7	4	Nil	83
T3 Hunter (7mm-08, 22.4")	BA	4	2-3-Nil	7	4	Nil	85
T3 Hunter (7mm-08, 24.4")	BA	4	2-3-Nil	7	4	Nil	96
T3 Hunter (7.62mm, 20")	BA	4	2-3-Nil	7	4	Nil	74
T3 Hunter (7.62mm, 20")	BA	4	2-3-Nil	7	4	Nil	74
T3 Hunter (7.62mm, 22.4")	BA	4	2-3-Nil	7	4	Nil	87
T3 Hunter (.30-06, 20")	BA	4	2-3-Nil	7	4	Nil	64
T3 Hunter (.30-06, 20")	BA	4	2-3-Nil	7	4	Nil	64
T3 Hunter (.30-06, 22.4")	BA	4	2-3-Nil	7	4	Nil	76
T3 Hunter (.300 WSM, 24.4")	BA	5	1-2-3	7	4	Nil	118
T3 Hunter (.300 Mag, 24.4")	BA	5	1-2-3	8	4	Nil	98
T3 Hunter (8mm, 20")	BA	4	2-3-Nil	7	4	Nil	74
T3 Hunter (8mm, 22.4")	BA	4	2-3-Nil	7	4	Nil	87
T3 Hunter (9.3mm, 20")	BA	5	2-4-Nil	7	5	Nil	74
T3 Hunter (9.3mm, 22.4")	BA	5	2-4-Nil	8	5	Nil	87
T3 Hunter (.338 Mag, 24.4")	BA	6	1-3-Nil	8	5	Nil	113
T3 Hunter Fluted Barrel (.222, 22.4")	BA	3	1-Nil	6	3	Nil	77
T3 Hunter Fluted Barrel (5.56mm, 22.4")	BA	3	1-Nil	6	3	Nil	76
T3 Hunter Fluted Barrel (.22-250, 22.4")	BA	3	1-Nil	7	3	Nil	72
T3 Hunter Fluted Barrel (.243, 22.4")	BA	3	2-Nil	7	3	Nil	73
T3 Hunter Fluted Barrel (.25-06, 22.4")	BA	4	1-2-Nil	7	4	Nil	77
T3 Hunter Fluted Barrel (6.5mm, 22.4")	BA	4	2-Nil	7	4	Nil	76
T3 Hunter Fluted Barrel (.260, 22.4")	BA	4	1-2-3	7	4	Nil	79
T3 Hunter Fluted Barrel (7mm-08, 22.4")	BA	4	2-3-Nil	7	4	Nil	86
T3 Hunter Fluted Barrel (7mm Mag, 22.4")	BA	4	1-2-3	7	4	Nil	85
T3 Hunter Fluted Barrel (7mm Mag, 24.4")	BA	4	1-2-3	7	4	Nil	96
T3 Hunter Fluted Barrel (7x64mm, 22.4")	BA	4	1-2-3	7	4	Nil	84
T3 Hunter Fluted Barrel (7.62mm, 22.4")	BA	4	2-3-Nil	7	4	Nil	88
T3 Hunter Fluted Barrel (.30-06, 22.4")	BA	4	2-3-Nil	7	4	Nil	77
T3 Hunter Fluted Barrel (.300 Mag, 24.4")	BA	5	1-2-3	8	4	Nil	99
T3 Hunter Fluted Barrel (.300 WSM, 24.4")	BA	5	1-2-3	7	4	Nil	120
T3 Hunter Fluted Barrel (.338 Mag, 24.4")	BA	6	1-3-Nil	8	5	Nil	115

Tikka T3 Battue

Notes: Essentially an earlier form of the T3x Battue, the features are much the same between the two. The sights are the same, including a fiberoptic-guided rail up to the green rear sight, which is in the stalking position. The front sight is hooded with red fiberoptic. The stock is walnut, with checkered grip panels. The barrel is also heavy profile, stainless steel, heat treated, and tipped with a target crown that is hand-tooled/finished. The barrel is free-floating. Metalwork is blued, except for working parts and the bolt handle. The barrel is 20 inches; the Battue is made for quick snap-shots and stalking close-range game.

The Battue Lite is lightened by it's use of a synthetic stock. Metalwork is stainless steel, but blued. Unlike the Battue, the barrel is



not floating on the Battue Lite.

Weapon	Ammunition	Weight	Magazines	Price
T3 Battue	7x64mm Brenneke	3.1 kg	3	\$1565
T3 Battue	7.62mm NATO	3.1 kg	3	\$1493
T3 Battue	.30-06 Springfield	3.1 kg	3	\$1773
T3 Battue	.300 Winchester Magnum	3.1 kg	3	\$2291
T3 Battue	8mm Mauser	3.1 kg	3	\$1761
T3 Battue	9.3x62mm Mauser	3.1 kg	3	\$2748
T3 Battue Lite	7x64mm Brenneke	2.8 kg	3	\$1594
T3 Battue Lite	7.62mm NATO	2.8 kg	3	\$1502
T3 Battue Lite	.30-06 Springfield	2.8 kg	3	\$1783
T3 Battue Lite	.300 Winchester Short Magnum	2.8 kg	3	\$1555
T3 Battue Lite	.300 Winchester Magnum	2.8 kg	3	\$2291
T3 Battue Lite	8mm Mauser	2.8 kg	3	\$1771
T3 Battue Lite	9.3x62mm Mauser	2.8 kg	3	\$2750

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3 Battue (7x64mm)	BA	4	1-2-3	7	4	Nil	61
T3 Battue (7.62mm)	BA	4	2-3-Nil	7	4	Nil	77
T3 Battue (.30-06)	BA	4	2-3-Nil	7	4	Nil	67
T3 Battue (.300 Mag)	BA	5	1-2-3	7	4	Nil	76
T3 Battue (8mm)	BA	4	2-3-Nil	7	4	Nil	77
T3 Battue (9.3mm)	BA	5	2-4-Nil	7	5	Nil	77
T3 Battue Lite (7x64mm)	BA	4	1-2-3	7	4	Nil	58
T3 Battue Lite (7.62mm)	BA	4	2-3-Nil	7	4	Nil	75
T3 Battue Lite (.30-06)	BA	4	2-3-Nil	7	4	Nil	65
T3 Battue Lite (.300 WSM)	BA	5	1-2-3	7	4	Nil	90
T3 Battue Lite (.300 Mag)	BA	5	1-2-3	7	4	Nil	74
T3 Battue Lite (8mm)	BA	4	2-3-Nil	7	5	Nil	75
T3 Battue Lite (9.3mm)	BA	5	2-4-Nil	7	6	Nil	75

Tikka T3x Battue

Notes: This is a short, compact rifle designed for the stalk, and the sights are in fact in the stalking position, with the rear sight well forward. The rear sight is on a skeletonized ramp with red fiberoptic beads leading up to the sight, which is of green fiberoptic. The front sight is on a high hood, with a red fiberoptic piece. The stock is of walnut, with checkered semi-pistol grip that is adjustable by adding or removing modules to fit the hand better or change the grip angle. The fore-end is also checkered. The barrel is 20 inches, heavy profile, stainless steel, and heat-treated. Metalwork is blued stainless steel, except for the working parts and the bolt handle. Other improvements of the T3x series are present on the Battue.

The Battue Lite differs primarily in its synthetic-stocked construction, which dramatically lowers its weight. It is otherwise like the standard Battue.

Weapon	Ammunition	Weight	Magazines	Price
T3x Battue	7x64mm Brenneke	3.1 kg	3	\$1553
T3x Battue	7.62mm NATO	3.1 kg	3	\$1481
T3x Battue	.30-06 Springfield	3.1 kg	3	\$1761
T3x Battue	.300 Winchester Magnum	3.1 kg	3	\$2255
T3x Battue	8mm Mauser	3.1 kg	3	\$1749
T3x Battue	9.3x62mm Mauser	3.1 kg	3	\$2712
T3x Battue Lite	7x64mm Brenneke	2.7 kg	3	\$1568
T3x Battue Lite	7.62mm NATO	2.7 kg	3	\$1495
T3x Battue Lite	.30-06 Springfield	2.7 kg	3	\$1776
T3x Battue Lite	.300 Winchester Magnum	2.7 kg	3	\$2270
T3x Battue Lite	8mm Mauser	2.7 kg	3	\$1764
T3x Battue Lite	9.3x62mm Mauser	2.7 kg	3	\$2729

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3x Battue/Lite (7x64mm)	BA	4	1-2-3	7	4	Nil	67
T3x Battue/Lite (7.62mm)	BA	4	2-3-Nil	7	4	Nil	71
T3x Battue/Lite (.30-06)	BA	4	2-3-Nil	7	4	Nil	61
T3x Battue (.300 Mag)	BA	5	1-2-3	7	4	Nil	70

T3x Battue (8mm)	BA	4	2-3-Nil	7	4	Nil	71
T3x Battue (9.3mm)	BA	5	2-4-Nil	7	5	Nil	71
T3x Battue Lite (.300 Mag)	BA	5	1-2-3	7	5	Nil	70
T3x Battue Lite (8mm)	BA	4	2-3-Nil	7	5	Nil	71
T3x Battue Lite (9.3mm)	BA	5	2-4-Nil	7	6	Nil	71

**Tikka T3 Compact**

Notes: The T3x Compact's ancestry is obvious when one looks at and shoots a T3 Compact. Like the T3x version, it has most of the salient features of T3 synthetic-stocked rifles. However, instead of many spacers, the T3 Compact comes only with one spacer, 30 millimeters wide; when used, the recoil pad snaps onto it. It too has a 20-inch barrel, with a target crown that is hand-tooled and fitted, heat-treated, cold hammer-forged, and a stainless steel medium-profile barrel. The trigger unit is, as most Tikka T3-series rifles, is adjustable for pull weight, and there is an optional single-set trigger. Metalwork finish is blued. It is designed for children and small-statured shooters, as the LOP is only 31.8 centimeters without the spacer section, and the entire rifle is only 1 meter long.

The Compact Tactical rifle is a version of the Compact with a synthetic stock and much heavier weight, due to denser stock material. The stock has a cheek swell and uses spacers to adjust LOP instead of a single wide spacer. The barrel is the same 20 inches, but perhaps the most outstanding feature is the use of a 10-round steel magazine. The barrel has a threaded muzzle with a cap to protect the threads when not in use. Only two chamberings are available. The standard trigger is available, which is user-adjustable; a single set trigger is not available on this model.

Weapon	Ammunition	Weight	Magazines	Price
T3 Compact	.204 Ruger	2.7 kg	4	\$791
T3 Compact	5.56mm NATO	2.7 kg	4	\$864
T3 Compact	.22-250 Remington	2.7 kg	3	\$911
T3 Compact	.243 Winchester	2.7 kg	3	\$1067
T3 Compact	7mm-08 Remington	2.7 kg	3	\$1336
T3 Compact	7.62mm NATO	2.7 kg	3	\$1498
T3 Compact Tactical	.260 Remington	3.4 kg	10	\$1397
T3 Compact Tactical	7.62mm NATO	3.4 kg	10	\$1496

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3 Compact (.204)	BA	3	1-Nil	6	3	Nil	56
T3 Compact (5.56mm)	BA	3	1-Nil	6	3	Nil	67
T3 Compact (.22-250)	BA	3	1-Nil	6	3	Nil	59
T3 Compact (.243)	BA	3	2-Nil	6	3	Nil	60
T3 Compact (7mm-08)	BA	4	2-3-Nil	6	4	Nil	71
T3 Compact (7.62mm)	BA	4	2-3-Nil	6	4	Nil	73
T3 Compact Tactical (.260)	BA	4	1-2-Nil	6	4	Nil	63
T3 Compact Tactical (7.62mm)	BA	4	2-3-Nil	7	4	Nil	71

**Tikka T3x Compact**

This rifle has most of the features of synthetic T3xs, though there are more spacers and an extra-thick recoil pad to allow full adjustment of LOP, including those with short reaches and long reaches. It is designed for younger shooters and small women (or men), with the LOP for larger shooters. It is also a very lightweight rifle, and comes only with a 20-inch barrel. Note that as many as 7 spacers may have to be added for larger shooters, something the stock system allows.

Weapon	Ammunition	Weight	Magazines	Price
T3x Compact	.204 Ruger	2.7 kg	4	\$783
T3x Compact	5.56mm NATO	2.7 kg	4	\$856
T3x Compact	.22-250 Remington	2.7 kg	3	\$903
T3x Compact	.243 Winchester	2.7 kg	3	\$1059
T3x Compact	7.62mm NATO	2.7 kg	3	\$1490

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3x Compact (.204)	BA	3	1-Nil	6	3	Nil	53
T3x Compact (5.56mm)	BA	3	1-Nil	6	3	Nil	66
T3x Compact (.22-250)	BA	3	1-Nil	6	3	Nil	56
T3x Compact (.243)	BA	3	2-Nil	6	3	Nil	57
T3x Compact (7.62mm)	BA	4	2-3-Nil	6	4	Nil	68

**Tikka T3 Forest**

Notes: Based on the T3 Hunter, the forest differs in barrel length (20" 22.4", and 24.4") and chamberings. The checkering pattern

for the grip areas is a bit larger and different in shape. The stock has a cheek swell, and has spacers for use by larger shooters. The stock is walnut, and the metalwork blued except for the bolt handle, which is frosted stainless steel. The barrel is of the same quality as that of the Hunter, but it has a different mix of barrel lengths and chamberings. A single set trigger is optional; add \$5 if you want one for your rifle. Normal pull weight is already light and user-adjustable. The action is very rigid, especially where it meets the barrel, and has two locking lugs. The Forest is meant to be a light and handy rifle for quick shots, yet still have decent range.

Weapon	Ammunition	Weight	Magazines	Price
T3 Forest (22.4" Barrel)	.222 Remington	3.1 kg	4	\$864
T3 Forest (20" Barrel)	5.56mm NATO	3 kg	4	\$857
T3 Forest (22.4" Barrel)	5.56mm NATO	3.1 kg	4	\$882
T3 Forest (20" Barrel)	.22-250 Remington	3 kg	3	\$903
T3 Forest (22.4" Barrel)	.22-250 Remington	3.1 kg	3	\$950
T3 Forest (20" Barrel)	.243 Winchester	3 kg	3	\$1058
T3 Forest (22.4" Barrel)	.243 Winchester	3.1 kg	3	\$1106
T3 Forest (20" Barrel)	6.5mm Swedish	3 kg	3	\$1242
T3 Forest (22.4" Barrel)	6.5mm Swedish	3.1 kg	3	\$1268
T3 Forest (22.4" Barrel)	.260 Remington	3.1 kg	3	\$1410
T3 Forest (20" Barrel)	.270 Winchester	3 kg	3	\$1516
T3 Forest (22.4" Barrel)	.270 Winchester	3.1 kg	3	\$1542
T3 Forest (24.4" Barrel)	.270 Winchester Short Magnum	3.2 kg	3	\$1355
T3 Forest (22.4" Barrel)	7mm-08 Remington	3.1 kg	3	\$1352
T3 Forest (24.4" Barrel)	7mm Remington Magnum	3.2 kg	3	\$1603
T3 Forest (20" Barrel)	7.62mm NATO	3 kg	3	\$1488
T3 Forest (22.4" Barrel)	7.62mm NATO	3.1 kg	3	\$1514
T3 Forest (20" Barrel)	.30-06 Springfield	3 kg	3	\$1768
T3 Forest (22.4" Barrel)	.30-06 Springfield	3.1 kg	3	\$1794
T3 Forest (24.4" Barrel)	.300 Winchester Magnum	3.2 kg	3	\$2418
T3 Forest (24.4" Barrel)	.300 Winchester Short Magnum	3.2 kg	3	\$1588
T3 Forest (22.4" Barrel)	8mm Mauser	3.1 kg	3	\$1782
T3 Forest (24.4" Barrel)	.338 Winchester Magnum	3.2 kg	3	\$2639

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3 Forest (.222, 22.4")	BA	3	1-Nil	6	3	Nil	77
T3 Forest (5.56mm, 20")	BA	3	1-Nil	6	3	Nil	66
T3 Forest (5.56mm, 22.4)	BA	3	1-Nil	6	3	Nil	76
T3 Forest (.22-250, 20")	BA	3	1-Nil	6	3	Nil	61
T3x Forest (.22-250, 22.4)	BA	3	2-Nil	7	3	Nil	79
T3 Forest (.243, 20")	BA	3	2-Nil	6	3	Nil	62
T3 Forest (.243, 22.4)	BA	3	2-Nil	7	3	Nil	83
T3 Forest (6.5mm, 20")	BA	4	2-Nil	6	4	Nil	64
T3 Forest (6.5mm, 22.4)	BA	4	2-Nil	7	4	Nil	76
T3 Forest (.260, 22.4)	BA	4	1-2-3	7	4	Nil	79
T3 Forest (.270, 20")	BA	4	2-3-Nil	7	4	Nil	57
T3 Forest (.270, 22.4)	BA	4	2-3-Nil	7	4	Nil	68
T3 Forest (.270 WSM, 24.4)	BA	4	1-2-3	7	4	Nil	111
T3 Forest (7mm-08, 22.4)	BA	4	2-3-Nil	7	4	Nil	86
T3 Forest (7mm Mag, 24.4)	BA	4	1-2-3	7	4	Nil	96
T3 Forest (7.62mm, 20")	BA	4	2-3-Nil	7	4	Nil	75
T3 Forest (7.62mm, 22.4)	BA	4	2-3-Nil	7	4	Nil	88
T3 Forest (.30-06, 20")	BA	4	2-3-Nil	7	4	Nil	65
T3 Forest (.30-06, 22.4)	BA	4	2-3-Nil	7	4	Nil	77
T3 Forest (.300 Mag, 24.4)	BA	5	1-2-3	8	4	Nil	99
T3 Forest (.300 WSM, 24.4)	BA	5	1-2-3	7	4	Nil	120
T3 Forest (8mm, 22.4)	BA	4	2-3-Nil	7	4	Nil	89
T3 Forest (.338 Mag, 24.4)	BA	6	1-3-Nil	8	5	Nil	115

Tikka T3x Forest

Notes: Another version regarded as a “base” version of the T3x, the Forest is in many ways similar to the Hunter. The caliber mix is different, as are the barrel lengths: 20 inches and 22.4 inches, one or both depending upon caliber. Like the Hunter, it has most of the features of the T3x series, but with a walnut stock. Other features of the rifle are as the Hunter; however, barrels are match-quality

and heat-treated stainless steel. Most of the metalwork is blued, but the bolt handle is bright stainless. Unlike the Hunter and most of the T3x series, the Forest is not made in a left-handed version.

Weapon	Ammunition	Weight	Magazines	Price
T3x Forest (22.4" Barrel)	.222 Remington	3.2 kg	4	\$858
T3x Forest (20" Barrel)	5.56mm NATO	3 kg	4	\$852
T3x Forest (22.4" Barrel)	5.56mm NATO	3.2 kg	4	\$877
T3x Forest (20" Barrel)	.22-250 Remington	3 kg	3	\$898
T3x Forest (22.4" Barrel)	.22-250 Remington	3.2 kg	3	\$923
T3x Forest (22.4" Barrel)	.243 Winchester	3.2 kg	3	\$1078
T3x Forest (22.4" Barrel)	.260 Remington	3.2 kg	3	\$1409
T3x Forest (20" Barrel)	6.5mm Swedish	3 kg	3	\$1237
T3x Forest (22.4" Barrel)	6.5mm Swedish	3.2 kg	3	\$1262
T3x Forest (20" Barrel)	.270 Winchester	3 kg	3	\$1511
T3x Forest (22.4" Barrel)	.270 Winchester	3.2 kg	3	\$1536
T3x Forest (22.4" Barrel)	.270 Winchester Short Magnum	3.2 kg	3	\$1328
T3x Forest (22.4" Barrel)	7mm-08 Remington	3.2 kg	3	\$1347
T3x Forest (22.4" Barrel)	7mm Remington Magnum	3.2 kg	3	\$1575
T3x Forest (22.4" Barrel)	7x64mm Brenneke	3.2 kg	3	\$1581
T3x Forest (20" Barrel)	7.62mm NATO	3 kg	3	\$1483
T3x Forest (22.4" Barrel)	7.62mm NATO	3.2 kg	3	\$1508
T3x Forest (20" Barrel)	.30-06 Springfield	3 kg	3	\$1763
T3x Forest (22.4" Barrel)	.30-06 Springfield	3.2 kg	3	\$1788
T3x Forest (22.4" Barrel)	.300 Winchester Magnum	3.2 kg	3	\$2336
T3x Forest (22.4" Barrel)	.300 Winchester Short Magnum	3.2 kg	3	\$1561
T3x Forest (22.4" Barrel)	8mm Mauser	3.2 kg	3	\$1776
T3x Forest (22.4" Barrel)	9.3x62mm Mauser	3.2 kg	3	\$2794
T3x Forest (22.4" Barrel)	.338 Winchester Magnum	3.2 kg	3	\$2557

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3x Forest (.222, 22.4")	BA	3	1-Nil	6	3	Nil	75
T3x Forest (5.56mm, 20")	BA	3	1-Nil	6	3	Nil	64
T3x Forest (5.56mm, 22.4")	BA	3	1-Nil	6	3	Nil	74
T3x Forest (.22-250, 20")	BA	3	1-Nil	6	3	Nil	59
T3x Forest (.22-250, 22.4")	BA	3	1-Nil	6	3	Nil	70
T3x Forest (.243, 22.4")	BA	3	2-Nil	7	3	Nil	71
T3x Forest (.260, 22.4")	BA	4	1-2-3	7	4	Nil	76
T3x Forest (6.5mm, 20")	BA	3	2-Nil	6	4	Nil	62
T3x Forest (6.5mm, 22.4")	BA	4	2-Nil	7	4	Nil	73
T3x Forest (.270, 20")	BA	4	2-3-Nil	7	4	Nil	55
T3x Forest (.270, 22.4")	BA	4	2-3-Nil	7	4	Nil	65
T3x Forest (.270 WSM, 22.4")	BA	4	1-2-3	7	4	Nil	95

T3x Forest (7mm-08, 22.4")	BA	4	2-3-Nil	7	4	Nil	83
T3x Forest (7mm Mag, 22.4")	BA	4	1-2-3	7	4	Nil	82
T3x Forest (7x64mm, 22.4")	BA	4	1-2-3	7	4	Nil	81
T3x Forest (7.62mm, 20")	BA	4	2-3-Nil	7	4	Nil	72
T3x Forest (7.62mm, 22.4")	BA	4	2-3-Nil	7	4	Nil	85
T3x Forest (.30-06, 20")	BA	4	2-3-Nil	7	4	Nil	62
T3x Forest (.30-06, 22.4")	BA	4	2-3-Nil	7	4	Nil	74
T3x Forest (.300 Mag, 22.4")	BA	5	1-2-3	7	4	Nil	84
T3x Forest (.300 WSM, 22.4")	BA	5	1-2-3	7	4	Nil	102
T3x Forest (8mm, 22.4")	BA	4	2-3-Nil	7	4	Nil	85
T3x Forest (9.3mm, 22.4")	BA	5	2-4-Nil	8	5	Nil	86
T3x Forest (.338 Mag, 22.4")	BA	6	1-3-Nil	7	5	Nil	97

**Tikka T3x Hunter**

Notes: This is one of the base versions of the T3x; it has a stock of walnut, but most of the features of T3x rifles. It has a modular stock – the semi-pistol grip can be replaced with ones that allow for different grip angles, and the LOP can be altered by use of spacers. The butt has a recoil pad. As a common complaint of the T3 was its too-small ejection port, the ejection port has been lengthened and lowered; this allows for more positive ejection and allows for loading through the loading gate. Further ejection positivity is done with an extra-long lug, which also actuates the bolt better. It does not come with a MIL-STD-1913 rail, but above the receiver is an improved mounting system for such a rail. Bolt shrouds cover and shield the rear of the bolt body and firing pin. Behind the bolt shroud is a safety button, with a sliding safety also placed to the side of the shroud. Depending on the caliber, barrels may be match-quality 20-inch, 22.4 inches, or 24.3 inches.

The T3x Hunter Fluted Barrel comes in two barrel lengths, and they are both stainless steel, heat-treated, match quality, and heavy but fluted, keeping down weight (some say excessively so). Barrels are 22.4 inches and 24.4 inches.

The Hunter Stainless is basically the same as the Hunter, but has frosted stainless steel metalwork. The Stainless Fluted Barrel is the same as the Fluted Barrel, but has frosted stainless metalwork. The Laminated Stainless has a dark ash-type wood finish with a laminated coating, except for walnut grip panel inserts; it also is not available in .204 Ruger or 5.56mm NATO. Metalwork is bright stainless. The Hunter Stainless Fluted Barrel is the same as the Hunter Fluted Barrel, but has frosted stainless metalwork, except for the receiver and bolt handle, which are bright, and the bolt shroud, which is blued.

Weapon	Ammunition	Weight	Magazines	Price
T3x Hunter (22.4" Barrel)	.204 Ruger	3.1 kg	4	\$806
T-3x Hunter (20" Barrel)	.222 Remington	3 kg	4	\$836
T3x Hunter (22.4" Barrel)	.222 Remington	3.1 kg	4	\$860
T3x Hunter (20" Barrel)	5.56mm NATO	3 kg	4	\$854
T3x Hunter (22.4" Barrel)	5.56mm NATO	3.1 kg	4	\$879
T3x Hunter (22.4" Barrel)	.22-250 Remington	3.1 kg	3	\$925
T3x Hunter (20" Barrel)	.243 Winchester	3 kg	3	\$1056
T3x Hunter (22.4" Barrel)	.243 Winchester	3.1 kg	3	\$1080
T3x Hunter (22.4" Barrel)	.25-06 Remington	3.1 kg	3	\$1350
T3x Hunter (20" Barrel)	.270 Winchester	3 kg	3	\$1514
T3x Hunter (22.4" Barrel)	.270 Winchester	3.1 kg	3	\$1538
T3x Hunter (24.3" Barrel)	.270 Winchester Short Magnum	3.2 kg	3	\$1324
T3x Hunter (20" Barrel)	7mm-08 Remington	3 kg	3	\$1349
T3x Hunter (22.4" Barrel)	7mm-08 Remington	3.1 kg	3	\$1597
T3x Hunter (24.3" Barrel)	7mm Remington Magnum	3.2 kg	3	\$1573
T3x Hunter (22.4" Barrel)	7x64mm Brenneke	3.1 kg	3	\$2313
T3x Hunter (20" Barrel)	6.5mm Swedish	3 kg	3	\$1240
T3x Hunter (22.4" Barrel)	6.5mm Swedish	3.1 kg	3	\$1264



Barrel)				
T3x Hunter (20" Barrel)	7.62mm NATO	3 kg	3	\$1486
T3x Hunter (22.4" Barrel)	7.62mm NATO	3.1 kg	3	\$1510
Barrel)				
T3x Hunter (24.3" Barrel)	7.62mm NATO	3.2 kg	3	\$1529
Barrel)				
T3x Hunter (20" Barrel)	.30-06 Springfield	3 kg	3	\$1766
T3x Hunter (22.4" Barrel)	.30-06 Springfield	3.1 kg	3	\$1790
Barrel)				
T3x Hunter (24.3" Barrel)	.300 Winchester Magnum	3.2 kg	3	\$2380
Barrel)				
T3x Hunter (24.3" Barrel)	.300 Winchester Short Magnum	3.2 kg	3	\$1582
Barrel)				
T3x Hunter (20" Barrel)	8mm Mauser	3 kg	3	\$1753
T3x Hunter (22.4" Barrel)	8mm Mauser	3.1 kg	3	\$1778
Barrel)				
T3x Hunter (20" Barrel)	9.3x62mm Mauser	3 kg	3	\$2706
T3x Hunter (22.4" Barrel)	9.3x62mm Mauser	3.1 kg	3	\$2780
Barrel)				
T3x Hunter (24.3" Barrel)	.338 Winchester Magnum	3.2 kg	3	\$2601
Barrel)				
T3x Hunter Fluted Barrel (22.4" Barrel)	.222 Remington	3.1 kg	3	\$862
Barrel)				
T3x Hunter Fluted Barrel (22.4" Barrel)	5.56mm NATO	3.1 kg	3	\$880
Barrel)				
T3x Hunter Fluted Barrel (22.4" Barrel)	.22-250 Remington	3.1 kg	3	\$927
Barrel)				
T3x Hunter Fluted Barrel (22.4" Barrel)	.243 Winchester	3.1 kg	3	\$1082
Barrel)				
T3x Hunter Fluted Barrel (22.4" Barrel)	.25-06 Remington	3.1 kg	3	\$1351
Barrel)				
T3x Hunter Fluted Barrel (22.4" Barrel)	6.5mm Swedish	3.1 kg	3	\$1266
Barrel)				
T3x Hunter Fluted Barrel (22.4" Barrel)	.270 Winchester	3.1 kg	3	\$1540
Barrel)				
T3x Hunter Fluted Barrel (22.4" Barrel)	.260 Remington	3.1 kg	3	\$1408
Barrel)				
T3x Hunter Fluted Barrel (24.4" Barrel)	.270 Winchester Short Magnum	3.2 kg	3	\$1352
Barrel)				
T3x Hunter Fluted Barrel (22.4" Barrel)	7mm-08 Remington	3.1 kg	3	\$1350
Barrel)				
T3x Hunter Fluted Barrel (22.4" Barrel)	7mm Remington Magnum	3.1 kg	3	\$1579
Barrel)				
T3x Hunter Fluted Barrel (24.4" Barrel)	7mm Remington Magnum	3.2 kg	3	\$1600
Barrel)				
T3x Hunter Fluted Barrel (22.4" Barrel)	7x64mm Brenneke	3.1 kg	3	\$1584
Barrel)				
T3x Hunter Fluted Barrel (22.4" Barrel)	7.62mm NATO	3.1 kg	3	\$1511
Barrel)				
T3x Hunter Fluted Barrel (22.4" Barrel)	.30-06 Springfield	3.1 kg	3	\$1792
Barrel)				
T3x Hunter Fluted Barrel (24.4" Barrel)	.300 Winchester Magnum	3.2 kg	3	\$2411
Barrel)				
T3x Hunter Fluted Barrel (24.4" Barrel)	.300 Winchester Short Magnum	3.2 kg	3	\$1585

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3x Hunter (.222, 22.4")	BA	3	1-Nil	6	3	Nil	76
T3x Hunter (.222, 24.4")	BA	3	1-Nil	7	3	Nil	83
T3x Hunter (5.56mm, 22.4")	BA	3	1-Nil	6	3	Nil	75

T3x Hunter (5.56mm, 24.4")	BA	3	1-Nil	7	3	Nil	82
T3x Hunter (.22-250, 22.4")	BA	3	1-Nil	6	3	Nil	71
T3x Hunter (.22-250, 24.4")	BA	3	2-Nil	7	3	Nil	78
T3x Hunter (.243, 22.4")	BA	3	2-Nil	6	3	Nil	67
T3x Hunter (.25-06, 22.4")	BA	4	1-2-Nil	7	4	Nil	71
T3x Hunter (.270, 20")	BA	4	2-3-Nil	6	4	Nil	52
T3x Hunter (.270, 22.4")	BA	4	2-3-Nil	7	4	Nil	62
T3x Hunter (.270 WSM, 24.3")	BA	5	1-2-3	7	5	Nil	101
T3x Hunter (7mm-08, 20")	BA	4	2-3-Nil	6	4	Nil	67
T3x Hunter (7mm-08, 22.4")	BA	4	2-3-Nil	7	4	Nil	79
T3x Hunter (7mm Mag, 24.3")	BA	4	1-2-3	7	4	Nil	88
T3x Hunter (7x64mm, 22.4")	BA	4	1-2-3	7	4	Nil	78
T3x Hunter (6.5mm, 20")	BA	3	2-Nil	6	4	Nil	59
T3x Hunter (6.5mm, 22.4")	BA	4	2-Nil	7	4	Nil	70
T3x Hunter (7.62mm, 20")	BA	4	2-3-Nil	6	4	Nil	68
T3x Hunter (7.62mm, 22.4")	BA	4	2-3-Nil	7	4	Nil	81
T3x Hunter (7.62mm, 24.3")	BA	4	2-3-Nil	7	4	Nil	91
T3x Hunter (.30-06, 20")	BA	4	2-3-Nil	7	4	Nil	59
T3x Hunter (30-06, 22.4")	BA	4	2-3-Nil	7	4	Nil	70
T3x Hunter (.300 Mag, 24.3")	BA	5	1-2-3	7	4	Nil	91
T3x Hunter (.300 WSM, 24.3")	BA	5	1-2-3	7	4	Nil	110
T3x Hunter (8mm, 20")	BA	4	2-3-Nil	7	4	Nil	69
T3x Hunter (8mm, 22.4")	BA	4	2-3-Nil	7	4	Nil	81
T3x Hunter (9.3mm, 20")	BA	5	2-4-Nil	7	5	Nil	68
T3x Hunter (9.3mm, 22.4")	BA	5	2-4-Nil	7	5	Nil	81
T3x Hunter (.338 Mag, 24.3")	BA	6	1-3-Nil	8	5	Nil	104
T3x Hunter Fluted Barrel (.222, 22.4")	BA	3	1-Nil	6	3	Nil	76
T3x Hunter Fluted Barrel (5.56mm, 22.4")	BA	3	1-Nil	6	3	Nil	75
T3x Hunter Fluted Barrel (.22-250, 22.4")	BA	3	1-Nil	7	3	Nil	65
T3x Hunter Fluted Barrel (.243, 22.4")	BA	3	2-Nil	7	3	Nil	68
T3x Hunter Fluted Barrel (.25-06, 22.4")	BA	4	1-2-Nil	7	4	Nil	76
T3x Hunter Fluted Barrel (6.5mm, 22.4")	BA	4	2-Nil	7	4	Nil	75
T3x Hunter Fluted Barrel (.270, 22.4")	BA	4	2-3-Nil	7	4	Nil	67
T3x Hunter Fluted Barrel (.260, 22.4")	BA	4	1-2-3	7	4	Nil	78
T3x Hunter Fluted Barrel (.270 WSM, 24.4")	BA	4	1-2-3	7	4	Nil	109
T3x Hunter Fluted Barrel (7mm-08, 22.4")	BA	4	2-3-Nil	7	4	Nil	85
T3x Hunter Fluted Barrel (7mm Mag, 22.4")	BA	4	1-2-3	7	4	Nil	83
T3x Hunter Fluted Barrel (7mm Mag, 24.4")	BA	4	1-2-3	7	4	Nil	95
T3x Hunter Fluted Barrel (7x64mm, 22.4")	BA	4	1-2-3	7	4	Nil	83
T3x Hunter Fluted Barrel (7.62mm, 22.4")	BA	4	2-3-Nil	7	4	Nil	87
T3x Hunter Fluted Barrel (.30-06, 22.4")	BA	4	2-3-Nil	7	4	Nil	76
T3x Hunter Fluted Barrel (.300 Mag, 24.4")	BA	5	1-2-3	8	4	Nil	98
T3x Hunter Fluted Barrel (.300 WSM, 24.4")	BA	5	1-2-3	7	4	Nil	118

Tikka T3 Lite

Notes: The T3 Lite is...well, a lighter version of the wood-stocked T3s. It does this for the most part by using a synthetic stock. The stock uses textured-in grip panels that duplicate a checkered texture, as well as a deep semi-pistol grip and available spacers to adjust the LOP for larger shooters. It also has the almost-standard Tikka recoil pad. The stock, like almost all Tikka synthetic stocks, is black. The metalwork is almost completely blued, except for the bolt handle and action, which are bright stainless. The barrel is either stainless steel or CR-Mo steel alloy, and is tipped with a target crown that is hand-tooled. The barrel is heat-treated. Like all Tikka triggers, the pull weight is 2-4 pounds, with a user-adjustable pull weight, and a single-set trigger as an option. Barrels are 20, 22.4, or 24.4 inches depending upon chambering.

The T3 Lite Stainless has the same bright stainless bolt handle and action, but also has frosted stainless finish on the receiver and barrel. The Lite Adjustable is the same as the Lite, but has an adjustable cheekpiece. The Hunter Camo Stainless is the same as the

Lite Stainless, but has a RealTree pattern synthetic stock.  
All three of these models are available in left-handed versions.

Weapon		Weight		Magazines	Price
Ammunition					
T3 Lite (20" Barrel)		.204	2.7 kg	4	\$790
T3 Lite (22.4" Barrel)	Ruger	.204	2.8 kg	4	\$816
	Ruger				
T3 Lite (20" Barrel)	Remington	.222	2.7 kg	4	\$845
	Remington				
T3 Lite (22.4" Barrel)	Remington	.222	2.8 kg	4	\$870
	Remington				
T3 Lite (20" Barrel)	5.56mm NATO		2.7 kg	4	\$863
	5.56mm NATO		2.8 kg	4	\$889
T3 Lite (20" Barrel)	Remington	.22-250	2.7 kg	3	\$910
	Remington				
T3 Lite (22.4" Barrel)	Remington	.22-250	2.8 kg	3	\$935
	Remington				
T3 Lite (20" Barrel)	Winchester	.243	2.7 kg	3	\$1066
	Winchester				
T3 Lite (22.4" Barrel)	Winchester	.243	2.8 kg	3	\$1091
	Winchester				
T3 Lite (20" Barrel)	Remington	.25-06	2.7 kg	3	\$1336
	Remington				
T3 Lite (22.4" Barrel)	Remington	.25-06	2.8 kg	3	\$1361
	Remington				
T3 Lite (20" Barrel)	Swedish	6.5mm	2.7 kg	3	\$1250
	Swedish				
T3 Lite (22.4" Barrel)	Swedish	6.5mm	2.8 kg	3	\$1276
	Swedish				
T3 Lite (20" Barrel)	Remington	.260	2.7 kg	3	\$1393
	Remington				
T3 Lite (22.4" Barrel)	Remington	.260	2.8 kg	3	\$1419
	Remington				
T3 Lite (20" Barrel)	Winchester	.270	2.7 kg	3	\$1525
	Winchester				
T3 Lite (22.4" Barrel)	Winchester	.270	2.8 kg	3	\$1551
	Winchester				
T3 Lite (24.4" Barrel)	Winchester Short Magnum	.270	2.9 kg	3	\$1362
	Winchester Short Magnum				
T3 Lite (20" Barrel)	Remington	7mm-08	2.7 kg	3	\$1335
	Remington				
T3 Lite (22.4" Barrel)	Remington	7mm-08	2.8 kg	3	\$1360
	Remington				
T3 Lite (24.4" Barrel)	Remington Magnum	7mm	2.9 kg	3	\$1611
	Remington Magnum				
T3 Lite (20" Barrel)	Brenneke	7x64mm	2.7 kg	3	\$1570
	Brenneke				
T3 Lite (22.4" Barrel)	Brenneke	7x64mm	2.8 kg	3	\$1595
	Brenneke				
T3 Lite (20" Barrel)	7.62mm NATO		2.7 kg	3	\$1497
	7.62mm NATO		2.8 kg	3	\$1522
T3 Lite (22.4" Barrel)	7.62mm NATO		2.8 kg	3	\$1522
	7.62mm NATO				
T3 Lite (20" Barrel)	Springfield	.30-06	2.7 kg	3	\$1778
	Springfield				
T3 Lite (22.4" Barrel)	Springfield	.30-06	2.8 kg	3	\$1803
	Springfield				

T3 Lite (24.4" Barrel)	.300	2.9 kg	3	\$1596
Winchester Short Magnum				
T3 Lite (24.4" Barrel)	.300	2.9 kg	3	\$2415
Winchester Magnum				
T3 Lite (20" Barrel)	8mm	2.7 kg	3	\$1766
Mauser				
T3 Lite (22.4" Barrel)	8mm	2.8 kg	3	\$1791
Mauser				
T3 Lite (20" Barrel)	9.3x62mm	2.7 kg	3	\$2735
Mauser				
T3 Lite (22.4" Barrel)	9.3x62mm	2.8 kg	3	\$2811
Mauser				
T3 Lite (24.4" Barrel)	.338	2.9 kg	3	\$2637
Winchester Magnum				

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3 Lite (.204, 20")	BA	3	1-Nil	6	3	Nil	56
T3 Lite (.204, 22.4")	BA	3	1-Nil	6	3	Nil	66
T3 Lite (.222, 20")	BA	3	1-Nil	6	3	Nil	66
T3 Lite (.222, 22.4")	BA	3	1-Nil	6	3	Nil	75
T3 Lite (5.56mm, 20")	BA	3	1-Nil	6	3	Nil	64
T3 Lite (5.56mm, 22.4")	BA	3	1-Nil	6	3	Nil	74
T3 Lite (.22-250, 20")	BA	3	1-Nil	6	3	Nil	59
T3 Lite (.22-250, 22.4")	BA	3	1-Nil	6	3	Nil	70
T3 Lite (.243, 20")	BA	3	2-Nil	6	3	Nil	60
T3 Lite (.243, 22.4")	BA	3	2-Nil	7	3	Nil	71
T3 Lite (.25-06, 20")	BA	4	1-2-Nil	6	4	Nil	62
T3 Lite (.25-06, 22.4")	BA	4	1-2-Nil	7	4	Nil	74
T3 Lite (6.5mm, 20")	BA	3	2-Nil	6	4	Nil	62
T3 Lite (6.5mm, 22.4")	BA	4	2-Nil	7	4	Nil	73
T3 Lite (.260, 20")	BA	4	1-2-Nil	6	4	Nil	64
T3 Lite (.260, 22.4")	BA	4	1-2-3	7	4	Nil	76
T3 Lite (.270, 20")	BA	4	2-3-Nil	7	4	Nil	55
T3 Lite (.270, 22.4")	BA	4	2-3-Nil	7	4	Nil	65
T3 Lite (.270 WSM, 24.4")	BA	4	1-2-3	7	4	Nil	107
T3 Lite (7mm-08, 20")	BA	4	2-3-Nil	6	4	Nil	70
T3 Lite (7mm-08, 22.4")	BA	4	2-3-Nil	7	4	Nil	83
T3 Lite (7mm Mag, 24.4")	BA	4	1-2-3	7	4	Nil	93
T3 Lite (7x64mm, 20")	BA	4	1-2-3	7	4	Nil	68
T3 Lite (7x64mm, 22.4")	BA	4	1-2-3	7	4	Nil	81
T3 Lite (7.62mm NATO, 20")	BA	4	2-3-Nil	7	4	Nil	72
T3 Lite (7.62mm NATO, 22.4")	BA	4	2-3-Nil	7	4	Nil	85
T3 Lite (.30-06, 20")	BA	4	2-3-Nil	7	5	Nil	62
T3 Lite (.30-06, 22.4")	BA	4	2-3-Nil	7	5	Nil	74
T3 Lite (.300 WSM, 24.4")	BA	5	1-2-3	7	4	Nil	116
T3 Lite (.300 Mag, 24.4")	BA	5	1-2-3	8	5	Nil	96
T3 Lite (8mm, 20")	BA	4	2-3-Nil	7	5	Nil	72
T3 Lite (8mm, 22.4")	BA	4	2-3-Nil	7	5	Nil	85
T3 Lite (9.3mm, 20")	BA	5	2-4-Nil	7	6	Nil	72
T3 Lite (9.3mm, 22.4")	BA	5	2-4-Nil	8	6	Nil	86
T3 Lite (.338 Mag, 24.4")	BA	6	1-3-Nil	8	6	Nil	111

Tikka T3x Lite Stainless

Notes: New for 2016 includes the T3x Lite Stainless. It is similar to the T3x Lite, but has a stainless steel action and barrel. The trigger and action are hand-tuned, and the trigger has a light 3-pund pull weight. Additional material has been added to the insides of the stock, to quiet the rifle when tromping through the woods. It has a modular stock with interchangeable pistol grips, allowing a shooter to change the angle of grip. The width of the fore-end is also changeable. The stock's grip points are ergonomically more sound. It has a recoil pad, and optionally, an adjustable cheekpiece. This version is known as the T3x Lite Adjustable. The ejection

port has been widened (preventing the all-too-common ejection failures on the T3). The T3x Lite is also virtually identical, but has a blued action and barrel. The T3x comes in several barrel lengths: 20 inches, 22.5 inches, and 24 inches. Other version include the T3x Lite, which is the same except with blued metalwork, and the T3x Camo Stainless, the same except for its RealTree Camouflage stock.

Weapon	Ammunition	Weight	Magazines	Price
T3 Lite Stainless (20" Barrel)	.204 Ruger	2.7 kg	4	\$784
T3 Lite Stainless (22.5" Barrel)	.204 Ruger	2.8 kg	4	\$808
T3 Lite Stainless (24" Barrel)	.204 Ruger	2.9 kg	4	\$824
T3 Lite Stainless (20" Barrel)	5.56mm NATO	2.7 kg	4	\$857
T3 Lite Stainless (22.5" Barrel)	5.56mm NATO	2.8 kg	4	\$882
T3 Lite Stainless (24" Barrel)	5.56mm NATO	2.9 kg	4	\$898
T3 Lite Stainless (20" Barrel)	.222 Remington	2.7 kg	4	\$838
T3 Lite Stainless (22.5" Barrel)	.222 Remington	2.8 kg	4	\$864
T3 Lite Stainless (24" Barrel)	.222 Remington	2.9 kg	4	\$879
T3 Lite Stainless (20" Barrel)	.22-250 Remington	2.7 kg	3	\$904
T3 Lite Stainless (22.5" Barrel)	.22-250 Remington	2.8 kg	3	\$929
T3 Lite Stainless (24" Barrel)	.22-250 Remington	2.9 kg	3	\$944
T3 Lite Stainless (20" Barrel)	.243 Winchester	2.7 kg	3	\$1059
T3 Lite Stainless (22.5" Barrel)	.243 Winchester	2.8 kg	3	\$1085
T3 Lite Stainless (24" Barrel)	.243 Winchester	2.9 kg	3	\$1100
T3 Lite Stainless (20" Barrel)	.25-06 Remington	2.7 kg	3	\$1331
T3 Lite Stainless (22.5" Barrel)	.25-06 Remington	2.8 kg	3	\$1355
T3 Lite Stainless (24" Barrel)	.25-06 Remington	2.9 kg	3	\$1371
T3 Lite Stainless (20" Barrel)	6.5mm Swedish	2.7 kg	3	\$1244
T3 Lite Stainless (22.5" Barrel)	6.5mm Swedish	2.8 kg	3	\$1269
T3 Lite Stainless (24" Barrel)	6.5mm Swedish	2.9 kg	3	\$1285
T3 Lite Stainless (20" Barrel)	.260 Remington	2.7 kg	3	\$1388
T3 Lite Stainless (22.5" Barrel)	.260 Remington	2.8 kg	3	\$1413
T3 Lite Stainless (24" Barrel)	.260 Remington	2.9 kg	3	\$1428
T3 Lite Stainless (20" Barrel)	.270 Winchester	2.7 kg	3	\$1519
T3 Lite Stainless (22.5" Barrel)	.270 Winchester	2.8 kg	3	\$1545
T3 Lite Stainless (24" Barrel)	.270 Winchester	2.9 kg	3	\$1560
T3 Lite Stainless (20" Barrel)	.270 Winchester Short Magnum	2.7 kg	3	\$1310



Barrel)					
T3 Lite Stainless (22.5"	.270 Winchester Short Magnum	2.8 kg	3	\$1335	
Barrel)					
T3 Lite Stainless (24"	.270 Winchester Short Magnum	2.9 kg	3	\$1350	
Barrel)					
T3 Lite Stainless (20"	7mm-08 Remington	2.7 kg	3	\$1329	
Barrel)					
T3 Lite Stainless (22.5"	7mm-08 Remington	2.8 kg	3	\$1354	
Barrel)					
T3 Lite Stainless (24"	7mm-08 Remington	2.9 kg	3	\$1369	
Barrel)					
T3 Lite Stainless (20"	7mm Remington Magnum	2.7 kg	3	\$1559	
Barrel)					
T3 Lite Stainless (22.5"	7mm Remington Magnum	2.8 kg	3	\$1584	
Barrel)					
T3 Lite Stainless (24"	7mm Remington Magnum	2.9 kg	3	\$1599	
Barrel)					
T3 Lite Stainless (20"	.30-06 Springfield	2.7 kg	3	\$1772	
Barrel)					
T3 Lite Stainless (22.5"	.30-06 Springfield	2.8 kg	3	\$1798	
Barrel)					
T3 Lite Stainless (24"	.30-06 Springfield	2.9 kg	3	\$1813	
Barrel)					
T3 Lite Stainless (20"	7.62mm NATO	2.7 kg	3	\$1491	
Barrel)					
T3 Lite Stainless (22.5"	7.62mm NATO	2.8 kg	3	\$1516	
Barrel)					
T3 Lite Stainless (24"	7.62mm NATO	2.9 kg	3	\$1531	
Barrel)					
T3 Lite Stainless (20"	.300 Winchester Magnum	2.7 kg	3	\$2256	
Barrel)					
T3 Lite Stainless (22.5"	.300 Winchester Magnum	2.8 kg	3	\$2332	
Barrel)					
T3 Lite Stainless (24"	.300 Winchester Magnum	2.9 kg	3	\$2378	
Barrel)					
T3 Lite Stainless (20"	.300 Winchester Short Magnum	2.7 kg	3	\$1544	
Barrel)					
T3 Lite Stainless (22.5"	.300 Winchester Short Magnum	2.8 kg	3	\$1569	
Barrel)					
T3 Lite Stainless (24"	.300 Winchester Short Magnum	2.9 kg	3	\$1584	
Barrel)					
T3 Lite Stainless (20"	8mm Mauser	2.7 kg	3	\$1760	
Barrel)					
T3 Lite Stainless (22.5"	8mm Mauser	2.8 kg	3	\$1785	
Barrel)					
T3 Lite Stainless (24"	8mm Mauser	2.9 kg	3	\$1801	
Barrel)					
T3 Lite Stainless (20"	9.3x62mm Mauser	2.7 kg	3	\$2715	
Barrel)					
T3 Lite Stainless (22.5"	9.3x62mm Mauser	2.8 kg	3	\$2791	
Barrel)					
T3 Lite Stainless (24"	9.3x62mm Mauser	2.9 kg	3	\$2837	
Barrel)					
T3 Lite Stainless (20"	.338 Winchester Magnum	2.7 kg	3	\$2478	
Barrel)					
T3 Lite Stainless (22.5"	.338 Winchester Magnum	2.8 kg	3	\$2554	
Barrel)					
T3 Lite Stainless (24"	.338 Winchester Magnum	2.9 kg	3	\$2600	
Barrel)					

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3x Lite Stainless (.204, 20")	BA	3	1-Nil	6	3	Nil	53
T3x Lite Stainless (.204, 22.5")	BA	3	1-Nil	6	3	Nil	63
T3x Lite Stainless (.204, 24")	BA	3	1-Nil	6	3	Nil	68
T3x Lite Stainless (5.56mm, 20")	BA	3	1-Nil	6	3	Nil	61
T3x Lite Stainless (5.56mm, 22.5")	BA	3	1-Nil	6	3	Nil	72
T3x Lite Stainless (5.56mm, 24")	BA	3	1-Nil	7	3	Nil	76
T3x Lite Stainless (.222, 20")	BA	3	1-Nil	6	3	Nil	63
T3x Lite Stainless (.222, 22.5")	BA	3	1-Nil	6	3	Nil	73
T3x Lite Stainless (.222, 24")	BA	3	1-Nil	6	3	Nil	78
T3x Lite Stainless (.204, 20")	BA	3	1-Nil	6	3	Nil	53
T3x Lite Stainless (.22-250, 20")	BA	3	1-Nil	6	3	Nil	56
T3x Lite Stainless (.22-250, 22.5")	BA	3	1-Nil	6	3	Nil	67
T3x Lite Stainless (.22-250, 24")	BA	3	1-Nil	7	3	Nil	73
T3x Lite Stainless (.243, 20")	BA	3	2-Nil	6	3	Nil	57
T3x Lite Stainless (.243, 22.5")	BA	3	2-Nil	6	3	Nil	68
T3x Lite Stainless (.243, 24")	BA	3	2-Nil	7	3	Nil	74
T3x Lite Stainless (.25-06, 20")	BA	4	1-2-Nil	6	4	Nil	60
T3x Lite Stainless (.25-06, 22.5")	BA	4	1-2-Nil	7	4	Nil	71
T3x Lite Stainless (.25-06, 24")	BA	4	1-2-Nil	7	4	Nil	78
T3x Lite Stainless (6.5mm, 20")	BA	3	2-Nil	6	4	Nil	59
T3x Lite Stainless (6.5mm, 22.5")	BA	4	2-Nil	7	4	Nil	70
T3x Lite Stainless (6.5mm, 24")	BA	4	2-Nil	7	4	Nil	77
T3x Lite Stainless (.260, 20")	BA	4	1-2-Nil	6	4	Nil	61
T3x Lite Stainless (.260, 22.5")	BA	4	1-2-3	7	4	Nil	73
T3x Lite Stainless (.260, 24")	BA	4	1-2-3	7	4	Nil	80
T3x Lite Stainless (.270, 20")	BA	4	2-3-Nil	6	4	Nil	52
T3x Lite Stainless (.270, 22.5")	BA	4	2-3-Nil	7	4	Nil	62
T3x Lite Stainless (.270, 24")	BA	4	2-3-Nil	7	4	Nil	69
T3x Lite Stainless (.270 WSM, 20")	BA	5	1-2-Nil	6	4	Nil	76
T3x Lite Stainless (.270 WSM, 22.5")	BA	5	1-2-3	7	4	Nil	91
T3x Lite Stainless (.270 WSM, 24")	BA	5	1-2-3	7	4	Nil	100
T3x Lite Stainless (7mm-08, 20")	BA	4	2-3-Nil	6	4	Nil	67
T3x Lite Stainless (7mm-08, 22.5")	BA	4	2-3-Nil	7	4	Nil	79
T3x Lite Stainless (7mm-08, 24")	BA	4	2-3-Nil	7	4	Nil	87
T3x Lite Stainless (7mm Mag, 20")	BA	4	1-2-3	6	4	Nil	65
T3x Lite Stainless (7mm Mag, 22.5")	BA	4	1-2-3	7	4	Nil	78
T3x Lite Stainless (7mm Mag, 24")	BA	4	1-2-3	7	4	Nil	86
T3x Lite Stainless (.30-06, 20")	BA	4	2-3-Nil	7	5	Nil	59
T3x Lite Stainless (.30-06, 22.5")	BA	4	2-3-Nil	7	5	Nil	71
T3x Lite Stainless (.30-06, 24")	BA	4	2-3-Nil	7	4	Nil	78
T3x Lite Stainless (7.62mm, 20")	BA	4	2-3-Nil	6	4	Nil	68
T3x Lite Stainless (7.62mm, 22.5")	BA	4	2-3-Nil	7	4	Nil	81
T3x Lite Stainless (7.62mm, 24")	BA	4	2-3-Nil	7	4	Nil	89
T3x Lite Stainless (.300 Mag, 20")	BA	5	1-2-3	7	5	Nil	67
T3x Lite Stainless (.300 Mag, 22.5")	BA	5	1-2-3	7	5	Nil	81
T3x Lite Stainless (.300 Mag, 24")	BA	5	1-2-3	7	5	Nil	89
T3x Lite Stainless (.300 WSM, 20")	BA	5	1-2-3	6	4	Nil	82
T3x Lite Stainless (.300 WSM, 22.5")	BA	5	1-2-3	7	4	Nil	98
T3x Lite Stainless (.300 WSM, 24")	BA	5	1-2-3	7	4	Nil	108
T3x Lite Stainless (8mm, 20")	BA	4	2-3-Nil	7	5	Nil	69
T3x Lite Stainless (8mm, 22.5")	BA	4	2-3-Nil	7	5	Nil	82
T3x Lite Stainless (8mm, 24")	BA	4	2-3-Nil	7	5	Nil	90
T3x Lite Stainless (9.3mm, 20")	BA	5	2-4-Nil	7	6	Nil	68
T3x Lite Stainless (9.3mm, 22.5")	BA	5	2-4-Nil	7	6	Nil	82
T3x Lite Stainless (9.3mm, 24")	BA	5	2-4-Nil	8	6	Nil	90
T3x Lite Stainless (.338 Mag, 20")	BA	6	1-2-3	7	5	Nil	78

T3x Lite Stainless (.338 Mag, 22.5")	BA	6	1-3-Nil	7	6	Nil	93
T3x Lite Stainless (.338 Mag, 24")	BA	6	1-3-Nil	8	6	Nil	103

T3x Sporter

Notes: The Sporter is a competition version of the T3x. The multicolor wood stock features an adjustable cheekpiece which can be adjusted vertically and horizontally. The recoil pad is also adjustable vertically and comes with several spacers to adjust LOP. The cheekpiece comes with a memory feature to allow the cheekpiece position to be locked in, or allows it to be set the same between different rifles. The heavy match barrel 20-inch is threaded to allow the use of suppressors, muzzle brakes, and flash suppressors. (It normally has a screw-on cap.) A second barrel length without this feature is 23.6 inches.

Weapon	Ammunition	Weight	Magazines	Price
T3x Sporter (20" Barrel)	5.56mm NATO	4.1 kg	6	\$854
T3x Sporter (23.6" Barrel)	5.56mm NATO	4.4 kg	6	\$892
T3x Sporter (20" Barrel)	7.62mm NATO	4.1 kg	5	\$1485
T3x Sporter (23.6" Barrel)	7.62mm NATO	4.4 kg	5	\$1523
T3x Sporter (20" Barrel)	.300 Winchester Magnum	4.1 kg	5	\$2267
T3x Sporter (23.6" Barrel)	.300 Winchester Magnum	4.4 kg	5	\$2381

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3x Sporter (5.56mm, 20")	BA	3	1-Nil	6	2	Nil	65
T3x Sporter (5.56mm, 23.6")	BA	3	1-Nil	7	2	Nil	79
T3x Sporter (7.62mm, 20")	BA	4	2-3-Nil	7	3	Nil	73
T3x Sporter (7.62mm, 23.6")	BA	4	2-3-Nil	7	3	Nil	93
T3x Sporter (.300 Mag, 20")	BA	5	1-2-3	7	4	Nil	72
T3x Sporter (.300 Mag, 23.6")	BA	5	1-2-3	7	4	Nil	93

T3 TAC

Notes: Like it's T3x descendant, The T3 TAC is designed to be used by both hunters and for sharpshooting. Its stock is synthetic, with a widened fore-end and checkered-pattern grip panels molded into the stock. It has two sling swivels to one can be used to attach a bipod. The semi-pistol grip is wide and deep. Spacers can be used to adjust LOP, and the cheekpiece is adjustable. The top of the receiver has a MIL-STD-1913 rail. It has the same large magazines, and the same action and safety. The 20-inch barrel is of heavy profile and match-quality, made of CR-Mo steel with phosphate protection and heat-treated and cold hammer-forged. It is a floating barrel. The barrel is tipped with a beefy muzzle brake.

Weapon	Ammunition	Weight	Magazines	Price
T3 TAC	5.56mm NATO	3.6 kg	6	\$924
T3 TAC	7.62mm NATO	3.6 kg	5	\$1557

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3 TAC (5.56mm)	BA	3	1-Nil	6	2	Nil	68
T3 TAC (7.62mm)	BA	4	2-3-Nil	7	3	Nil	77

T3x TAC

Notes: This rifle is designed to be a compact and lightweight package for hunting as well as a tactical rifle for police sharpshooting use. Furniture is synthetic, with a widened and checkered fore-end and two sling swivels so that a bipod may be attached to the lower sling swivel mount. The semi-pistol grip is wide and textured. The stock can be adjusted for length with spacers, and has a thick recoil pad. The cheekpiece is adjustable. The magazine is detachable and larger than most T3xs, and atop the receiver is a MIL-STD-1913 rail. The bolt handle has two beefy locking lugs in front, a claw-type extractor, and a spring-loaded ejector plunger. It includes a two-stage safety. The barrel is only 20 inches, but it is of heavy profile and match-quality, as well as being made of stainless steel, though it is blued along with the action.

Weapon	Ammunition	Weight	Magazines	Price
T3x TAC	5.56mm NATO	3.6 kg	6	\$865
T3x TAC	7.62mm NATO	3.6 kg	5	\$1499
T3x TAC	.300 Winchester Magnum	3.6 kg	5	\$2282

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3x TAC (5.56mm)	BA	3	1-Nil	6	2	Nil	65
T3x TAC (7.62mm)	BA	4	2-3-Nil	7	4	Nil	73
T3x TAC (.300 Mag)	BA	5	1-2-3	7	4	Nil	72

Tikka T3 Varmint

Notes: The T3 Varmint has all the features of a synthetic-stocked T3: stainless steel barrel, heat-treated, cold hammer-forged, and has a hand-fitted target crown; it also, however, has a bull barrel. Barrel length in all cases is 23.6 inches, unusual for a Tikka rifle. Finish is blued, except for the action and bolt handle, which are bright stainless; stocks are synthetic. On the Varmint, the front sling also serves as an attachment point for a bipod. The Super Varmint has an adjustable cheekpiece and a MIL-STD-1913 rail above the receiver; add 1% to the game cost. The Varmint Stainless is the same except for the frosted stainless barrel and receiver; the Super Varmint also has a frosted stainless barrel and receiver.

Weapon	Ammunition	Weight	Magazines	Price
T3 Varmint	.204 Ruger	3.6 kg	6	\$833
T3 Varmint	.222 Remington	3.6 kg	6	\$887
T3 Varmint	5.56mm NATO	3.6 kg	6	\$906
T3 Varmint	.222 Remington	3.6 kg	5	\$953
T3 Varmint	.243 Winchester	3.6 kg	5	\$1108
T3 Varmint	.260 Remington	3.6 kg	5	\$1440
T3 Varmint	7mm-08 Remington	3.6 kg	5	\$1378
T3 Varmint	7.62mm NATO	3.6 kg	5	\$1540

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3 Varmint (.204)	BA	3	1-Nil	7	2	Nil	71
T3 Varmint (.222)	BA	3	1-Nil	7	2	Nil	81
T3 Varmint (5.56mm)	BA	3	1-Nil	7	2	Nil	79
T3 Varmint (.222)	BA	3	2-Nil	7	2	Nil	76
T3 Varmint (.243)	BA	3	2-Nil	7	3	Nil	78
T3 Varmint (.260)	BA	4	1-2-3	7	4	Nil	84
T3 Varmint (7mm-08)		4	2-3-Nil	7	4	Nil	92
T3 Varmint (7.62mm)	BA	4	2-3-Nil	7	4	Nil	95

T3x Varmint Stainless

Notes: Though the Varmint Stainless is similar to the Stainless Lite in many ways, it's bull match-quality heat-treated barrel of hand-lapped stainless steel sets it apart from the Lite Stainless. The Varmint Stainless also has a matte finish, as opposed to the Lite Stainless's bright finish. It has the same extra-strong steel recoil lug, metallic bolt shroud, improved rail/optics attachment points, redesigned ejection port, stock noise reduction feature, recoil pad, and improved grip. The Varmint Stainless also has a cheek swell in the form of a raised pad.

The T3x Varmint is essentially the same rifle, but with blued metalwork. The Super Varmint is the same as the Varmint Stainless, but has a MIL-STD-1913 rail above the receiver and an adjustable cheekpiece. Add 1% to the game price.

Weapon	Ammunition	Weight	Magazines	Price
T3x Varmint Stainless (20" Barrel)	.204 Ruger	3.4 kg	6	\$795
T3x Varmint Stainless (23.7" Barrel)	.204 Ruger	3.6 kg	6	\$835
T3x Varmint Stainless (23.7" Barrel)	.222 Remington	3.6 kg	6	\$890
T3x Varmint Stainless (20" Barrel)	5.56mm NATO	3.4 kg	6	\$869
T3x Varmint Stainless (23.7" Barrel)	5.56mm NATO	3.6 kg	6	\$908
T3x Varmint Stainless (20" Barrel)	.22-250 Remington	3.4 kg	5	\$915
T3x Varmint Stainless (23.7" Barrel)	.22-250 Remington	3.6 kg	5	\$955
T3x Varmint Stainless (20" Barrel)	.243 Winchester	3.4 kg	5	\$1071
T3x Varmint Stainless (23.7" Barrel)	.243 Winchester	3.6 kg	5	\$1111
T3x Varmint Stainless (23.7" Barrel)	.25-06 Remington	3.6 kg	5	\$1381

T3x Varmint Stainless (23.7" Barrel)	.260 Remington	3.6 kg	5	\$1438
T3x Varmint Stainless (23.7" Barrel)	.270 Winchester	3.6 kg	5	\$1570
T3x Varmint Stainless (23.7" Barrel)	.270 Winchester Short Magnum	3.6 kg	3	\$1361
T3x Varmint Stainless (23.7" Barrel)	7mm-08 Remington	3.6 kg	5	\$1380
T3x Varmint Stainless (23.7" Barrel)	7mm Remington Magnum	3.6 kg	5	\$1610
T3x Varmint Stainless (20" Barrel)	6.5mm Swedish	3.4 kg	5	\$1252
T3x Varmint Stainless (23.7" Barrel)	6.5mm Swedish	3.6 kg	5	\$1295
T3x Varmint Stainless (20" Barrel)	7.62mm NATO	3.4 kg	5	\$1502
T3x Varmint Stainless (23.7" Barrel)	7.62mm NATO	3.6 kg	5	\$1542
T3x Varmint Stainless (23.7" Barrel)	.30-06 Springfield	3.6 kg	5	\$1823
T3x Varmint Stainless (23.7" Barrel)	.300 Winchester Magnum	3.6 kg	5	\$2411
T3x Varmint Stainless (23.7" Barrel)	.300 Winchester Short Magnum	3.6 kg	3	\$1595
T3x Varmint Stainless (23.7" Barrel)	.338 Winchester Magnum	3.6 kg	5	\$2633

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T3x Varmint Stainless (.204, 20")	BA	3	1-Nil	6	2	Nil	58
T3x Varmint Stainless (.204, 23.7")	BA	3	1-Nil	7	2	Nil	71
T3x Varmint Stainless (.222, 23.7")	BA	3	1-Nil	7	2	Nil	82
T3x Varmint Stainless (5.56mm, 20")	BA	3	1-Nil	6	2	Nil	66
T3x Varmint Stainless (5.56mm, 23.7")	BA	3	1-Nil	7	2	Nil	80
T3x Varmint Stainless (.22-250, 20")	BA	3	1-Nil	6	2	Nil	61
T3x Varmint Stainless (.22-250, 23.7")	BA	3	1-Nil	7	2	Nil	77
T3x Varmint Stainless (.243, 20")	BA	3	2-Nil	6	3	Nil	62
T3x Varmint Stainless (.243, 23.7")	BA	3	2-Nil	7	3	Nil	80
T3x Varmint Stainless (.25-06, 23.7")	BA	4	1-2-3	7	4	Nil	84
T3x Varmint Stainless (.260, 23.7")	BA	4	1-2-3	7	4	Nil	86
T3x Varmint Stainless (.270, 23.7")	BA	4	2-3-Nil	7	4	Nil	74
T3x Varmint Stainless (.270 WSM, 23.7")	BA	4	1-2-3	7	4	Nil	106
T3x Varmint Stainless (7mm-08, 23.7")	BA	4	2-3-Nil	7	4	Nil	93
T3x Varmint Stainless (7mm Mag, 23.7")	BA	4	1-2-3	7	4	Nil	92
T3x Varmint Stainless (6.5mm, 20")	BA	4	2-Nil	6	4	Nil	64
T3x Varmint Stainless (6.5mm, 23.7")	BA	4	2-Nil	7	4	Nil	82
T3x Varmint Stainless (7.62mm, 20")	BA	4	2-3-Nil	7	4	Nil	75
T3x Varmint Stainless (7.62mm, 23.7")	BA	4	2-3-Nil	7	4	Nil	96
T3x Varmint Stainless (.30-06, 23.7")	BA	4	2-3-Nil	8	4	Nil	84
T3x Varmint Stainless (.300 Mag, 23.7")	BA	5	1-2-3	8	4	Nil	95
T3x Varmint Stainless (.300 WSM, 23.7")	BA	5	1-2-3	7	4	Nil	115
T3x Varmint Stainless (.338 Mag, 23.7")	BA	6	1-3-Nil	8	5	Nil	110



Manufrance Rival

Notes: This rare French sporting rifle was built in small numbers in the 1920s, and probably never numbered more than 1500. It is based on the action of the old pre-20<sup>th</sup> century Daudetau battle rifle. The Rival retained the military-style action, with a down-turned bolt handle and projecting internal magazine. The Rival used a simple one-piece stock with checkering on a very shallow pistol grip. Two models were available: the carbine model, which fired only 8x51mm Mauser cartridges; and the sporting rifle, which fired two heavier cartridges.

Weapon	Ammunition	Weight	Magazines	Price
Rival Carbine	8x51mm Mauser	3.7 kg	4 Clip	\$1562
Rival Sporting Rifle	10.75mm Mauser	3.61 kg	4 Clip	\$3714
Rival Sporting Rifle	.375 H&H Magnum	3.38 kg	4 Clip	\$3226

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Rival Carbine	BA	4	2-3-Nil	8	5	Nil	97
Rival Sporting Rifle (10.75mm)	BA	6	2-4-Nil	9	7	Nil	88
Rival Sporting Carbine (.375)	BA	7	1-3-5	8	6	Nil	97

Unique T-66

Notes: This is a single-shot match rifle intended specifically for 25-meter prone shooting. As such, it has a squared fore-end, a deep pistol-grip stock, competition aperture sights, an adjustable buttplate, and a free-floating barrel. Variants include the Model T Audax, a plain sporting rifle version in two calibers and a detachable box magazine; the Model T Dioptra, an Audax with fancier stocks, and longer barrel; the Model T Dioptra Magnum, chambering .22 Winchester Magnum Rimfire; and the Model T/SM, for silhouette shooting, with a box magazine, short, heavy barrel, and adjustable trigger.

Weapon	Ammunition	Weight	Magazines	Price
T-66	.22 Long Rifle	4.9 kg	1 Internal	\$434
T Audax	.22 Short	2.87 kg	5, 10	\$269
T Audax	.22 Long Rifle	2.9 kg	5, 10	\$281
T Dioptra	.22 Long Rifle	2.95 kg	5, 10	\$300
T Dioptra Magnum	.22 Winchester Magnum Rimfire	3.04 kg	5	\$322
T/SM	.22 Long Rifle	3.06 kg	5	\$418
T/SM	.22 Winchester Magnum Rimfire	3.15 kg	5	\$449

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T-66	SS	1	Nil	6	1	Nil	51
T Audax (.22 Short)	BA	-2	Nil	5	1	Nil	40
T Audax (.22 Long Rifle)	BA	1	Nil	5	1	Nil	48

T Dioptra	BA	1	Nil	6	1	Nil	52
T Dioptra Magnum	BA	1	Nil	6	1	Nil	68
T/SM (.22 Long Rifle)	BA	1	Nil	5	1	Nil	46
T/SM (.22 Magnum)	BA	1	Nil	5	1	Nil	58

Unique TGC

Notes: This is a normal sort of sporting rifle except for the barrels, which are interchangeable and allow the TGC to be changed between the calibers it may fire. The standard rifle has a synthetic stock, but walnut stocks can be had. Variants include the takedown TGC Battue; the Varmint, available in a slightly different mix of calibers; the T-3000, a target rifle designed for Rapid Fire Competitions and with an extended magazine; and the T-3000 Free Rifle, a single-shot version of the T-3000, with an extended, heavy fluted barrel.

Weapon	Ammunition	Weight	Magazines	Price
TGC	.243 Winchester	3.01 kg	5	\$1032
TGC	6.5mm Swedish	3.28 kg	5	\$1217
TGC	.270 Winchester	3.74 kg	5	\$1492
TGC	7mm-08 Remington	3.29 kg	5	\$1301
TGC	7mm Brenneke	3.63 kg	5	\$1536
TGC	7mm Remington Magnum	3.62 kg	5	\$1531
TGC	.300 Winchester Magnum	4.37 kg	5	\$2343
TGC	.30-06 Springfield	3.76 kg	5	\$1745
TGC	7.62mm NATO	3.28 kg	5	\$1463
TGC	9.3mm Mauser	4.98 kg	5	\$2802
TGC Battue	.243 Winchester	3.07 kg	5	\$1082
TGC Battue	6.5mm Swedish	3.35 kg	5	\$1267
TGC Battue	.270 Winchester	3.81 kg	5	\$1542
TGC Battue	7mm-08 Remington	3.36 kg	5	\$1351
TGC Battue	7mm Brenneke	3.7 kg	5	\$1586
TGC Battue	7mm Remington Magnum	3.69 kg	5	\$1581
TGC Battue	.300 Winchester Magnum	4.46 kg	5	\$2393
TGC Battue	.30-06 Springfield	3.84 kg	5	\$1795
TGC Battue	7.62mm NATO	3.35 kg	5	\$1513
TGC Battue	9.3mm Mauser	5.08 kg	5	\$2852

TGC Varmint	6mm Norma BR	2.93 kg	5	\$852				
TGC Varmint	7mm-08 Remington	3.63 kg	5	\$1301				
TGC Varmint	.300 Winchester Magnum	4.41 kg	5	\$2343				
TGC Varmint	.300 Savage	3.44 kg	5	\$1381				
TGC Varmint	.30-06 Springfield	3.76 kg	5	\$1745				
TGC Varmint	7.62mm NATO	3.57 kg	5	\$1463				
T-3000	.243 Winchester	4.51 kg	10	\$1032				
T-3000	6.5mm Swedish	4.92 kg	10	\$1217				
T-3000	.270 Winchester	5.61 kg	10	\$1492				
T-3000	7mm-08 Remington	4.94 kg	10	\$1301				
T-3000	7mm Brenneke	5.44 kg	10	\$1536				
T-3000	7mm Remington Magnum	5.42 kg	10	\$1531				
T-3000	.300 Winchester Magnum	6.56 kg	10	\$2343				
T-3000	.30-06 Springfield	5.64 kg	10	\$1745				
T-3000	7.62mm NATO	4.92 kg	10	\$1493				
T-3000	9.3mm Mauser	7.47 kg	10	\$2802				
T-3000 Free Rifle	.243 Winchester	5.75 kg	1 Internal	\$599				
T-3000 Free Rifle	6.5mm Swedish	6.27 kg	1 Internal	\$614				
T-3000 Free Rifle	.270 Winchester	7.14 kg	1 Internal	\$637				
T-3000 Free Rifle	7mm-08 Remington	6.3 kg	1 Internal	\$621				
T-3000 Free Rifle	7mm Brenneke	6.94 kg	1 Internal	\$641				
T-3000 Free Rifle	7mm Remington Magnum	6.91 kg	1 Internal	\$640				
T-3000 Free Rifle	.300 Winchester Magnum	8.36 kg	1 Internal	\$1247				
T-3000 Free Rifle	.30-06 Springfield	7.19 kg	1 Internal	\$658				
T-3000 Free Rifle	7.62mm NATO	6.27 kg	1 Internal	\$635				
T-3000 Free Rifle	9.3mm Mauser	9.52 kg	1 Internal	\$1285				
Weapon		ROF	Damage	Pen	Bulk	SS	Burst	Range
TGC/TGC Battue (.243)		BA	3	2-Nil	7	3	Nil	82
TGC/TGC Battue (6.5mm)		BA	4	2-3-Nil	7	5	Nil	85

TGC/TGC Battue (.270)	BA	4	2-3-Nil	7	4	Nil	76
TGC/TGC Battue (7mm-08)	BA	4	2-3-Nil	7	4	Nil	96
TGC/TGC Battue (7mm Brenneke)	BA	4	2-3-Nil	7	4	Nil	79
TGC/TGC Battue (7mm Magnum)	BA	4	1-2-3	7	4	Nil	94
TGC/TGC Battue (.300 Win Magnum)	BA	5	2-3-Nil	8	4	Nil	98
TGC/TGC Battue (.30-06)	BA	4	2-3-Nil	8	4	Nil	86
TGC/TGC Battue (7.62mm)	BA	4	2-3-Nil	7	5	Nil	98
TGC/TGC Battue (9.3mm)	BA	5	2-4-Nil	8	5	Nil	99
TGC Varmint (6mm)	BA	3	2-Nil	7	3	Nil	87
TGC Varmint (7mm-08)	BA	4	2-3-Nil	7	4	Nil	96
TGC Varmint (.300 Win Magnum)	BA	5	2-3-Nil	8	4	Nil	98
TGC Varmint (.300 Savage)	BA	4	2-3-Nil	7	5	Nil	94
TGC Varmint (.30-06)	BA	4	2-3-Nil	8	4	Nil	86
TGC Varmint (7.62mm)	BA	4	2-3-Nil	7	4	Nil	98
T-3000 (.243)	BA	3	2-Nil	7	3	Nil	82
T-3000 (6.5mm)	BA	4	2-3-Nil	7	4	Nil	85
T-3000 (.270)	BA	4	2-3-Nil	7	3	Nil	76
T-3000 (7mm-08)	BA	4	2-3-Nil	7	4	Nil	96
T-3000 (7mm Brenneke)	BA	4	2-3-Nil	7	4	Nil	79
T-3000 (7mm Magnum)	BA	4	1-2-3	7	4	Nil	94
T-3000 (.300 Win Magnum)	BA	5	2-3-Nil	8	3	Nil	98
T-3000 (.30-06)	BA	4	2-3-Nil	8	4	Nil	86
T-3000 (7.62mm)	BA	4	2-3-Nil	7	4	Nil	98
T-3000 (9.3mm)	BA	5	2-4-Nil	8	4	Nil	99
T-3000 Free Rifle (.243)	SS	3	2-Nil	7	3	Nil	83
T-3000 Free Rifle (6.5mm)	SS	4	2-3-Nil	7	3	Nil	88
T-3000 Free Rifle (.270)	SS	4	2-3-Nil	7	3	Nil	81
T-3000 Free Rifle (7mm-08)	SS	4	2-3-Nil	7	3	Nil	98

T-3000 Free Rifle (7mm Brenneke)	SS	4	2-3-Nil	7	3	Nil	84
T-3000 Free Rifle (7mm Magnum)	SS	4	1-2-3	7	3	Nil	104
T-3000 Free Rifle (.300 Win Magnum)	SS	5	1-2-3	7	3	Nil	108
T-3000 Free Rifle (.30-06)	SS	5	2-3-Nil	7	3	Nil	92
T-3000 Free Rifle (7.62mm)	SS	4	2-3-Nil	7	3	Nil	100
T-3000 Free Rifle (9.3mm)	SS	5	2-4-Nil	7	4	Nil	106



**Anschutz 64 MP**

Notes: This rifle was designed for silhouette shooting at a range of 100 meters. It has a long, heavy match barrel that makes it effective at a greater range, particularly with a telescopic sight (no iron sights are provided). The trigger is adjustable with a low point of 8 ounces and a high point of 9.9 pounds. It is built in three versions: the standard Model 64 MP, the Model 64 L-MP for left-handers, and the Model 64 MP-Sts with a stainless steel barrel (the normal barrel is blued steel). All are identical for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 64 MP	.22 Long Rifle	4.1 kg	5	\$333

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 64 MP	BA	1	Nil	6	1	Nil	59

**Anschutz 1400 Match 64**

Notes: This series dispensed with the primitive Flobert action of earlier Anschutz rifles. The 1400 Match 64 Target Rifle series uses a single-shot action, with no magazine and equipped with match aperture sights. The Model 1403 uses a match-grade trigger, and the stock is designed specifically for prone shooting; it uses a low fore-end, with an adjustable buttplate. The trigger is adjustable. The Model 1403 Biathlon has a plain butt with a non-adjustable buttplate, and equipment for biathlon shooters, such as a special harness/sling and covers for the sights to keep snow out. The Model 1403D has a non-adjustable trigger. (Both are identical for game purposes). The Model 1403 Rep is a magazine-fed bolt-action version.

The Model 1415 is a sporting variant of the 1400 series. It has rounded contours as opposed to the flat contours of the Target Rifles, and uses a much shorter barrel. It is fed from a magazine and is a bolt-action weapon. It has an adjustable trigger; the 1415D is similar, but has a non-adjustable trigger. The 1416 is also similar, but use a more finely-adjustable trigger that has a crisper pull. Again, the 1416D is similar, but with a non-adjustable trigger. (Both are identical to the 1415 for game purposes.) The 1418 is a version with a full-length Mannlicher-style stock with sling swivels, as well as a shorter barrel, and the trigger is typically non-adjustable, though some adjustable-trigger versions were available.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 1403	.22 Long Rifle	3.5 kg	1 Internal	\$438
Anschutz 1403 Rep	.22 Long Rifle	3.57 kg	10	\$475
Anschutz 1415	.22 Long Rifle	2.8 kg	5, 10	\$293
Anschutz 1418	.22 Long Rifle	2.64 kg	5, 10	\$261

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 1403	SS	1	Nil	6	1	Nil	52
Anschutz 1403 Rep	BA	1	Nil	6	1	Nil	57
Anschutz 1415	BA	1	Nil	5	1	Nil	51
Anschutz 1418	BA	1	Nil	5	1	Nil	44

**Anschutz 1430**

Notes: This is a series of related rifles, all designed to fire .22 Hornet ammunition. The Model 1430A has a plain hardwood stock with a Monte Carlo comb. The Model 1430D had a very plain stock with without checkering, cheekpiece, and a simple low Monte Carlo stock; the normal machined and shaped trigger was replaced with a simple stamped metal trigger, and a folding-leaf rear sight was used. The 1430St is identical, but has a set trigger. The 1431A is similar to the 1430A, but has a quality stock with a cheekpiece and roll-over comb, and a checkered pistol grip and fore-end. (It is identical to the 1430A for game purposes.) Also identical to the 1430A (for game purposes) is the Model 1432A; it has a hog's back comb and sling swivels. The Model 1432 Classic is also identical to the 1430A for game purposes; it is a deluxe version of the 1432A, and could have a single trigger or a set trigger. The Models 1432D and 1432St have rollover combs, checkering on the pistol grip and butt, sling swivels, and folding-leaf sights or tangent-leaf sights. The 1432D and St have 4-round magazines, but also use a heavy barrel. The Model 1432E is a competition rifle identical for game purposes to the 1432A, but has a stock with a deep fore-end, a vertical pistol grip, a high straight comb, and a buttplate to which spacers could be added. It has no iron sights, but is drilled and tapped for a telescopic sight. (The Model 1432ED is identical, but has no adjustable trigger as on the 1432E.) The Models 1432EKSt, 1432ESt, 1434D, and 1434St are basically the same as the 1432D, but have differences in various parts of the rifle and may be considered identical to the 1432D for game purposes. The Model 1433St Luxus has a Mannlicher stock, low comb, small cheekpiece, and a short barrel.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 1430A	.22 Hornet	3.05 kg	5	\$694
Anschutz 1432D	.22 Hornet	3.11 kg	4	\$700
Anschutz 1433St Luxus	.22 Hornet	2.86 kg	5	\$650

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 1430A	BA	3	1-Nil	6	3	Nil	78

Anschutz 1432D	BA	3	1-Nil	7	3	Nil	80
Anschutz 1432St Luxus	BA	3	1-Nil	6	3	Nil	63

**Anschutz 1451**

Notes: This is a simple bolt-action rimfire rifle designed for ease of use and maintenance. There are several versions of the Model 1451; the Model 1451 Classic has a 22.5" barrel with simple iron sights. The KL Classic is almost identical, but has a folding leaf sight; the KV Classic is also almost identical, but has an adjustable tangent sight. (All three are identical for game purposes.) The Model 1451R has a 22-inch heavy barrel; the Model 1451R Beavertail is virtually identical to the Model 1451R, but has a different stock, is slightly longer and heavier, and can take only 5-round magazines. The Model 1448D Claybird is designed specifically for mini-clay pigeon shooting; it is optimized for firing mini-shot cartridges, uses a 5-round magazine, and has a 22.5" barrel. The Model 1451E is a single-shot version of the Model 1451 Classic.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 1451 Classic	.22 Long Rifle	2.89 kg	5, 10	\$288
Anschutz 1451R	.22 Long Rifle	2.9 kg	5, 10	\$300
Anschutz 1451R Beavertail	.22 Long Rifle	3 kg	5	\$300
Anschutz 1448 Claybird	.22 Long Rifle	2.5 kg	5	\$288
Anschutz 1451E	.22 Long Rifle	2.81 kg	1 Internal	\$269

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 1451 Classic	BA	1	Nil	5	1	Nil	50
Anschutz 1451R	BA	1	Nil	5	1	Nil	52
Anschutz 1451 Beavertail	BA	1	Nil	5	1	Nil	52
Anschutz 1448 Claybird	BA	1/1d6x3	Nil/Nil	5	1	Nil	50/35
Anschutz 1451E	SS	1	Nil	5	1	Nil	50

**Anschutz 1500 Match 64**

Notes: This is a version of the Model 1400 Match 64 designed to fire the more powerful .22 Winchester Magnum Rimfire Ammunition. They had versions equivalent to those of the Model 1400 Match 64, with the exception of the biathlon version and the 1403 Rep.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 1515	.22 Winchester Magnum Rimfire	3.5 kg	1-Internal	\$441
Anschutz 1516	.22 Winchester Magnum Rimfire	2.8 kg	5	\$324
Anschutz 1518	.22 Winchester Magnum Rimfire	2.49 kg	5	\$292

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 1515	SS	1	Nil	6	1	Nil	70
Anschutz 1516	BA	1	Nil	6	1	Nil	66
Anschutz 1518	BA	1	Nil	5	1	Nil	56

**Anschutz 1520**

Notes: This is a basically Model 1400 Match 54 designed to fire .22 Winchester Magnum Rimfire ammunition. Like the Model 1400 Match 54, there are several variants, most of which are identical for game purposes. Most could be had in adjustable trigger (A), non-adjustable trigger (D), or set trigger (St) versions. The basic version is the 1522 Classic; 1522D and St Versions are available. The 1524 has a hog's back stock with a Bavarian-style cheekpiece. The Models 1549 and 1549D are "junior rifles" for use by smaller-statured individuals and teens; they have shorter barrels and shorter stocks.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 1522	.22 Winchester Magnum Rimfire	3 kg	4	\$336
Anschutz 1549	.22 Winchester Magnum Rimfire	2.66 kg	4	\$268

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 1522	BA	1	Nil	6	1	Nil	70
Anschutz 1549	BA	1	Nil	5	1	Nil	48

**Anschutz 1530**

Notes: This is basically identical to the Model 1430, but fires .222 Remington ammunition. Like the 1430, they are made in a variety of versions, with standard triggers, adjustable triggers, and set triggers. Generally, the same sort of rifles present in the 1430 series are present in the 1530 series.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 1530A	.222 Remington	3.17 kg	3	\$791
Anschutz 1532D	.222 Remington	3.2 kg	3	\$798
Anschutz 1533St Luxus	.222 Remington	2.95 kg	3	\$748

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 1530A	BA	3	1-Nil	6	3	Nil	78
Anschutz 1532D	BA	3	1-Nil	7	3	Nil	80
Anschutz 1533St Luxus	BA	3	1-Nil	6	3	Nil	61

**Anschutz 1568**

Notes: Unlike other Anschutz sporting rifles, the Model 1568 is built on a Krico 700 action. It has a rollover stock with a swelling pistol grip, and a box magazine. The standard 1568D and 1568St have a standard trigger and a set trigger respectively, and the Model 1574D and St are built on a Krico 600 short action and fire shorter rounds instead.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 1568	.270 Winchester	3.7 kg	4	\$1470
Anschutz 1568	7mm Mauser	3.4 kg	4	\$1379
Anschutz 1568	7mm Brenneke	3.85 kg	4	\$1514
Anschutz 1574	.222 Remington	2.42 kg	4	\$791
Anschutz 1574	.22 Remington Jet	2.58 kg	4	\$838
Anschutz 1574	.243 Winchester	3.28 kg	4	\$1012

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 1568 (.270)	BA	4	2-3-Nil	7	4	Nil	69
Anschutz 1568 (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	80
Anschutz 1568 (7mm Brenneke)	BA	4	2-3-Nil	7	4	Nil	71
Anschutz 1574 (.222 Remington)	BA	3	1-Nil	7	4	Nil	78
Anschutz 1574 (.222 Magnum)	BA	3	1-1-Nil	7	3	Nil	90
Anschutz 1574 (.243)	BA	3	2-Nil	7	3	Nil	74

**Anschutz 1700**

Notes: This is basically an improved 1530-series with a heavy barrel and an improved action. Versions were built that were designed for rimfire ammunition as well as centerfire rounds. The stock of the base 1700D and St models were of plain wood with checkering only on the pistol grip. Variants included the Model 1700 Classic, with longer barrel, walnut stock, checkering on the pistol grip and fore-end, and a gold-plated trigger; the Model 1700 Deluxe, with a Monte Carlo comb and more detail work (identical to the 1700D for game purposes); the Model 1720, the .22 Winchester Magnum Rimfire variant of the 1700 series, with a Model 1722 deluxe model and a Model 1724 with a Bavarian stock; the 1730, firing .22 Hornet, and with a Model 1732 deluxe model, 1734 Bavarian-stock version, and 1736 Classic pattern; and the Model 1740, firing .222 Remington and with a 1742 deluxe model, 1744 Bavarian-stocked version, and 1746 Classic pattern. The Model 1733 is a carbine version with a stock extending to the muzzle; the Model 1743 is the same weapon in .222 Remington caliber.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 1700	.222 Remington	3.06 kg	5	\$792
Anschutz 1700 Classic	.222 Remington	3.4 kg	5	\$787
Anschutz 1730	.22 Hornet	3.1 kg	5	\$694
Anschutz 1733	.22 Hornet	3.1 kg	5	\$650
Anschutz 1740	.222 Remington	3.42 kg	5	\$792
Anschutz 1743	.222 Remington	3.1 kg	5	\$748

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 1700	BA	3	1-Nil	6	3	Nil	78
Anschutz 1700 Classic	BA	3	1-Nil	6	3	Nil	77
Anschutz 1730	BA	3	1-Nil	6	3	Nil	78
Anschutz 1733	BA	3	1-Nil	6	3	Nil	63
Anschutz 1740	BA	3	1-Nil	6	3	Nil	78
Anschutz 1743	BA	3	1-Nil	6	3	Nil	61

**Anschutz 1710 Series**

Notes: The Model 1710 was introduced in 1988. The base version has a walnut stock and simple iron sights; the Model 1710D has

an adjustable trigger, but is otherwise identical. The Model 1710 also comes in versions with a folding leaf rear sight (the Model 1710KV), the Model 1710KV with a tangent rear sight, and a version with no rear sight that is also drilled and tapped for a scope. (These are all identical to the base version for game purposes). The Model 1710D-HB has a heavy match barrel.

The Model 1712 is a variant of the Model 1710 that has no sights, but is drilled and tapped for a scope; it has a synthetic stock instead of walnut, and the trigger is adjustable. It was also sold in the US in the 1990s as the Precision Arms 1700 Graphite Custom.

The Model 1717 is a version of the Model 1710 chambered to fire .17 Hornady Magnum Rimfire. Variants of this version include the Model 1717D-HB with a heavy match barrel; it has an adjustable trigger, and the Model 1717D-Classic is slightly lighter due to a different grade of wood used in the stock. The stocks are made of walnut, and none of them are equipped with iron sights, being drilled and tapped for a scope instead.

The Model 1720 is a version of the Model 1710 designed for the .22 Winchester Magnum Rimfire cartridge.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 1710	.22 Long Rifle	3.3 kg	5	\$300
Anschutz 1710D-HB	.22 Long Rifle	3.6 kg	5	\$312
Anschutz 1712	.22 Long Rifle	3 kg	5	\$311
Anschutz 1717	.17 Hornady Magnum Rimfire	3.5 kg	5	\$449
Anschutz 1717D-HB	.17 Hornady Magnum Rimfire	3.6 kg	5	\$461
Anschutz 1717D-Classic	.17 Hornady Magnum Rimfire	3.4 kg	5	\$449
Anschutz 1720	.22 Winchester Magnum Rimfire	3.66 kg	5	\$336

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 1710	BA	1	Nil	6	1	Nil	52
Anschutz 1710D-HB	BA	1	Nil	6	1	Nil	55
Anschutz 1712	BA	1	Nil	6	1	Nil	52
Anschutz 1717	BA	2	1-Nil	6	1	Nil	69
Anschutz 1717D-HB	BA	2	1-Nil	6	1	Nil	73
Anschutz 1717D-Classic	BA	2	1-Nil	6	1	Nil	69
Anschutz 1720	BA	1	Nil	6	1	Nil	70

**Anschutz 1800**

Notes: These are rimfire rifles designed specifically for target shooting and other such sporting events, and are not hunting rifles. They replaced the Model 1400 Match 64 series. The Model 1803 is the base rifle and has a synthetic comb and a micro-adjustable rear sight. Most of the rifles (Models 1807, 1807D, 1808D-RT Super, 1808ED Super, 1808MS, 1810, 1810D, 1811, 1811D, and 1813) are identical to the base rifle for game purposes. The Models 1807Z and 1809Z fire the odd 4mm Ubungsmunition cartridge. The Model 1807 Rep is a bolt-action magazine-fed version of the 1803. The 1827B is a biathlon rifle with special harness, snow caps for the muzzle and sights, and is a magazine-fed bolt-action rifle with space in the underside of the stock for 4 additional magazines.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 1803	.22 Long Rifle	4.82 kg	1 Internal	\$450
Anschutz 1807Z	4mm Ubungsmunition	4.78 kg	1 Internal	\$447
Anschutz 1807 Rep	.22 Long Rifle	4.89 kg	10	\$486
Anschutz 1827B	.22 Long Rifle	4.92 kg	5	\$493

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 1803	SS	1	Nil	6	1	Nil	54
Anschutz 1807Z	SS	-2	Nil	6	1	Nil	43
Anschutz 1807 Rep	BA	1	Nil	6	1	Nil	59
Anschutz 1827B	BA	1	Nil	6	1	Nil	61

Blaser R-84

Notes: This hunting rifle has unusual features such as a floating barrel and a safety that locks both the bolt and firing pin. Despite this, it is otherwise a standard sort of bolt-action rifle. It was built only for a few short years between 1985-1989, when it was replaced by a sporting version of the R-93 sniper rifle.

Weapon	Ammunition	Weight	Magazines	Price
R-84	.22-250 Remington	2.74 kg	3 Internal	\$851
R-84	.243 Winchester	2.74 kg	3 Internal	\$1007
R-84	6mm Remington	2.77 kg	3 Internal	\$1101
R-84	.25-06 Remington	2.87 kg	3 Internal	\$1278
R-84	.270 Winchester	3.11 kg	3 Internal	\$1467
R-84	.280 Remington	3.2 kg	3 Internal	\$1587
R-84	.30-06 Springfield	3.49 kg	3 Internal	\$1721
R-84 Magnum	.257 Weatherby Magnum	3.3 kg	3 Internal	\$1321
R-84 Magnum	.264 Winchester Magnum	3.37 kg	3 Internal	\$1358
R-84 Magnum	7mm Remington Magnum	3.57 kg	3 Internal	\$1516
R-84 Magnum	.300 Weatherby Magnum	4.36 kg	3 Internal	\$2417
R-84 Magnum	.300 Winchester Magnum	3.65 kg	3 Internal	\$2296
R-84 Magnum	.338 Winchester Magnum	4.01 kg	3 Internal	\$2518
R-84 Magnum	.375 H&H Magnum	4.75 kg	3 Internal	\$3246

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
R-84 (.22-250)	BA	3	1-Nil	6	3	Nil	69
R-84 (.243)	BA	3	2-Nil	7	4	Nil	70
R-84 (6mm)	BA	3	2-Nil	7	5	Nil	62
R-84 (.25-06)	BA	4	2-Nil	7	5	Nil	61
R-84 (.270)	BA	4	2-3-Nil	7	5	Nil	65
R-84 (.280)	BA	4	2-3-Nil	7	5	Nil	66
R-84 (.30-06)	BA	4	2-3-Nil	7	5	Nil	73
R-84 Magnum (.257)	BA	4	1-2-3	7	4	Nil	76
R-84 Magnum (.264)	BA	4	1-2-3	7	4	Nil	79



R-84 Magnum (7mm)	BA	4	1-2-3	7	4	Nil	86
R-84 Magnum (.300 Whby)	BA	5	1-2-3	7	4	Nil	82
R-84 Magnum (.300 Win)	BA	5	2-3-Nil	7	5	Nil	89
R-84 Magnum (.338)	BA	6	1-3-Nil	8	6	Nil	103
R-85 Magnum (.375)	BA	7	1-3-5	8	6	Nil	99

**Blaser R-93 Sporter**

Notes: This is the civilian counterpart to the R-93 Tactical sniper rifle, actually introduced three years before the sniper rifle. Though it looks much different from the R-93 Tactical, the action is virtually the same as that rifle. The design of the R-93 Sporter is more conventional, but it does have a light alloy receiver instead of more conventional steel.

Several variants of note are built. The R-93 Attaché is a takedown rifle designed to fit into an attaché case; it has a shorter, fluted barrel, quick-remove mounts for the scope, and is built to be light. The R-93 ISU Standard is designed for target shooting; it uses an aperture rear sight, and comes in both single-shot or 10-round magazine versions. The R-93 Magnum, of course, fires magnum calibers; it also has a longer barrel. The R-93 Mini-Caliber fires only .222 Remington or 5.56mm NATO calibers, and has a special short barrel. The R-93 Safari fires either .375 H&H Magnum or .416 Remington Magnum, and is the heaviest of the R-93 rifles.

Weapon	Ammunition	Weight	Magazines	Price
R-93	.22-250 Remington	2.82 kg	3 Internal	\$847
R-93	.243 Winchester	2.95 kg	3 Internal	\$1003
R-93	6mm Mauser	2.95 kg	3 Internal	\$1069
R-93	6.5x55mm RWS	3.2 kg	3 Internal	\$1223
R-93	6.5mm Swedish	3.15 kg	3 Internal	\$1188
R-93	6.5x54mm Mauser	3.13 kg	3 Internal	\$1171
R-93	6.5x57mm Mauser	3.21 kg	3 Internal	\$1218
R-93	7mm Mauser	3.41 kg	3 Internal	\$1373
R-93	7mm Brenneke	3.48 kg	3 Internal	\$1508
R-93	.30-06 Springfield	3.63 kg	3 Internal	\$1717
R-93	7.62mm NATO	3.57 kg	3 Internal	\$1435
R-93	8x57mm JRS	3.76 kg	3 Internal	\$1702
R-93	9.3mm Mauser	4.57 kg	3 Internal	\$2716
R-93 Attaché	.22-250 Remington	2.23 kg	3 Internal	\$854
R-93 Attaché	.243 Winchester	2.33 kg	3 Internal	\$1010
R-93 Attaché	6mm Mauser	2.33 kg	3 Internal	\$1076
R-93 Attaché	6.5x55mm RWS	2.53 kg	3 Internal	\$1230

R-93 Attaché	6.5mm Swedish	2.49 kg	3 Internal	\$1195
R-93 Attaché	6.5x54mm Mauser	2.47 kg	3 Internal	\$1178
R-93 Attaché	6.5x57mm Mauser	2.54 kg	3 Internal	\$1226
R-93 Attaché	7mm Mauser	2.69 kg	3 Internal	\$1380
R-93 Attaché	7mm Brenneke	2.75 kg	3 Internal	\$1515
R-93 Attaché	.30-06 Springfield	2.87 kg	3 Internal	\$1724
R-93 Attaché	7.62mm NATO	2.82 kg	3 Internal	\$1442
R-93 Attaché	8x57mm JRS	2.97 kg	3 Internal	\$1709
R-93 Attaché	9.3mm Mauser	3.61 kg	3 Internal	\$2686
R-93 ISU Standard	.222 Remington	2.33 kg	1 Internal	\$306
R-93 ISU Standard	.222 Remington	3.05 kg	10	\$790
R-93 ISU Standard	5.56mm NATO	2.38 kg	1 Internal	\$307
R-93 ISU Standard	5.56mm NATO	3.11 kg	10	\$809
R-93 ISU Standard	.243 Winchester	2.62 kg	1 Internal	\$324
R-93 ISU Standard	.243 Winchester	3.42 kg	10	\$1011
R-93 ISU Standard	6mm PPC	2.29 kg	1 Internal	\$307
R-93 ISU Standard	6mm PPC	2.99 kg	10	\$810
R-93 ISU Standard	6mm Norma BR	2.37 kg	1 Internal	\$309
R-93 ISU Standard	6mm Norma BR	3.1 kg	10	\$832
R-93 ISU Standard	6.5x54mm Mauser	2.97 kg	1 Internal	\$339
R-93 ISU Standard	6.5x54mm Mauser	3.88 kg	10	\$1350
R-93 ISU Standard	7.5mm Swiss	3.06 kg	1 Internal	\$370
R-93 ISU Standard	7.5mm Swiss	4.09 kg	10	\$1541
R-93 ISU Standard	7.62mm NATO	2.97 kg	1 Internal	\$361
R-93 ISU Standard	7.62mm NATO	3.88 kg	10	\$1443
R-93 Magnum	.257 Weatherby Magnum	2.44 kg	3 Internal	\$1319
R-93 Magnum	7mm Remington Magnum	2.47 kg	3 Internal	\$1523
R-93 Magnum	.300 Winchester Magnum	3.22 kg	3 Internal	\$2317

R-93 Magnum	.300 Weatherby Magnum	3.4 kg	3 Internal	\$2438
R-93 Magnum	.338 Winchester Magnum	3.46 kg	3 Internal	\$2539
R-93 Magnum	.375 H&H Magnum	6.43 kg	3 Internal	\$3267
R-93 Mini-Caliber	.222 Remington	2.99 kg	4 Internal	\$775
R-93 Mini-Caliber	5.56mm NATO	3.02 kg	4 Internal	\$794
R-93 Safari	.375 H&H Magnum	4.4 kg	3 Internal	\$3286
R-93 Safari	.416 Remington Magnum	5.26 kg	3 Internal	\$3860

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
R-93 (.22-250)	BA	3	1-Nil	6	3	Nil	68
R-93 (.243)	BA	3	2-Nil	7	3	Nil	69
R-93 (6mm Mauser)	BA	3	2-Nil	7	3	Nil	63
R-93 (6.5x57 RWS)	BA	4	2-Nil	7	4	Nil	68
R-93 (6.5mm Swedish)	BA	4	2-Nil	7	4	Nil	71
R-93 (6.5x54mm Mauser)	BA	4	2-Nil	7	5	Nil	72
R-93 (6.5x57mm Mauser)	BA	4	2-Nil	7	4	Nil	69
R-93 (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	73
R-93 (7mm Brenneke)	BA	4	2-3-Nil	7	5	Nil	66
R-93 (.30-06)	BA	4	2-3-Nil	7	5	Nil	72
R-93 (7.62mm)	BA	4	2-3-Nil	7	5	Nil	82
R-93 (8x57mm JRS)	BA	4	2-3-Nil	7	5	Nil	83
R-93 (9.3mm)	BA	5	2-4-Nil	7	5	Nil	83
R-93 Attaché (.22-250)	BA	3	1-Nil	6	4	Nil	58
R-93 Attaché (.243)	BA	3	2-Nil	6	4	Nil	59
R-93 Attaché (6mm Mauser)	BA	3	2-Nil	6	4	Nil	54
R-93 Attaché (6.5x57 RWS)	BA	4	2-Nil	6	5	Nil	58
R-93 Attaché (6.5mm Swedish)	BA	3	2-Nil	6	5	Nil	61
R-93 Attaché (6.5x54mm Mauser)	BA	3	2-Nil	6	5	Nil	62
R-93 Attaché (6.5x57mm Mauser)	BA	4	2-Nil	6	5	Nil	59

R-93 Attaché (7mm Mauser)	BA	4	2-3-Nil	6	5	Nil	63
R-93 Attaché (7mm Brenneke)	BA	4	2-3-Nil	7	5	Nil	56
R-93 Attaché (.30-06)	BA	4	2-3-Nil	7	5	Nil	61
R-93 Attaché (7.62mm)	BA	4	2-3-Nil	7	5	Nil	71
R-93 Attaché (8x57mm JRS)	BA	4	2-3-Nil	7	5	Nil	71
R-93 Attaché (9.3mm)	BA	5	2-4-Nil	7	6	Nil	71
R-93 ISU Standard (.222)	SS	3	1-Nil	6	4	Nil	70
R-93 ISU Standard (.222)	BA	3	1-Nil	6	3	Nil	77
R-93 ISU Standard (5.56mm)	SS	3	1-Nil	6	4	Nil	68
R-93 ISU Standard (5.56mm)	BA	3	1-Nil	6	3	Nil	75
R-93 ISU Standard (.243)	SS	3	2-Nil	6	4	Nil	66
R-93 ISU Standard (.243)	BA	3	2-Nil	7	3	Nil	73
R-93 ISU Standard (6mm PPC)	SS	3	2-Nil	6	4	Nil	71
R-93 ISU Standard (6mm PPC)	BA	3	2-Nil	6	3	Nil	78
R-93 ISU Standard (6mm Norma BR)	SS	3	2-Nil	6	4	Nil	73
R-93 ISU Standard (6mm Norma BR)	BA	3	2-Nil	6	3	Nil	80
R-93 ISU Standard (6.5x54mm)	SS	4	2-Nil	6	5	Nil	69
R-93 ISU Standard (6.5x54mm)	BA	4	2-3-Nil	7	4	Nil	75
R-93 ISU Standard (7.5mm Swiss)	SS	4	2-3-Nil	6	5	Nil	79
R-93 ISU Standard (7.5mm Swiss)	BA	4	2-3-Nil	7	4	Nil	87
R-93 ISU Standard (7.62mm)	SS	4	2-3-Nil	6	5	Nil	79
R-93 ISU Standard (7.62mm)	BA	4	2-3-Nil	7	4	Nil	87
R-93 Magnum (.257)	BA	4	1-2-3	7	5	Nil	80
R-93 Magnum (7mm Magnum)	BA	4	1-2-3	7	6	Nil	90
R-93 Magnum (.300 Win Magnum)	BA	5	2-3-Nil	7	5	Nil	93
R-93 Magnum (.300 Whby Magnum)	BA	5	1-2-3	8	5	Nil	86
R-93 Magnum (.338)	BA	6	1-3-Nil	8	4	Nil	107
R-93 Magnum (.375)	BA	7	1-3-5	8	5	Nil	104
R-93 Mini-Caliber (.222)	BA	3	1-Nil	6	3	Nil	71

R-93 Mini-Caliber (5.56mm)	BA	3	1-Nil	6	3	Nil	70
R-93 Safari (.375)	BA	7	1-3-5	8	6	Nil	108
R-93 Safari (.416)	BA	7	1-3-5	8	6	Nil	117



Frankonia Favorit

Notes: This bolt-action rifle dates from 1965, and is based on the Mauser Kar-98. The Favorit has a special trigger which requires only a light touch to fire. The barrel is very strong and light, being made from chrome-vanadium steel. The stock is of walnut, and has a deep pistol grip wrist. Magnum-caliber Favorits (the Favorit Standard Magnum version) has a 25.625-inch barrel, while other caliber Favorits (the Favorit Standard) have a 23.625-inch barrel. The rear sight of the Favorit is a leaf sight adjustable laterally, but the Favorit is really meant to use a telescopic sight, and is drilled and tapped for such. There also deluxe versions of the Favorit; the Luxe has a stock of select walnut, while the Super Deluxe has such a stock and the receiver, locking lever, and stock are hand-engraved. (These two versions are identical to the standard versions for game purposes.)

The Favorit Safari is designed for big game hunting and fires a variety of powerful cartridges though a 25.625-inch barrel; it is also heavier than the standard Favorits. The Safari also has an adjustable trigger and a thick recoil pad on the butt, and the receiver is strengthened. There are three carbine versions of the Favorit; the Favorit Drückjagd has a 20.5-inch barrel, a raised sighting rib with a notched V-shape, and a front sight with a red tip for quick target acquisition. There is an even shorter version of the Drückjagd, with a barrel of only 16.875 inches. The Favorit Stutzen carbine also has a barrel of 20.5 inches, but has a stock which extends to the muzzle, and is slightly heavier than the Drückjagd.

Weapon	Ammunition	Weight	Magazines	Price
Favorit Standard	.243 Winchester	3.3 kg	5 Internal	\$1009
Favorit Standard	6.5x57mm Mauser	3.57 kg	5 Internal	\$1223
Favorit Standard	6mm Freres	3.48 kg	5 Internal	\$1144
Favorit Standard	.270 Winchester	3.87 kg	5 Internal	\$1467
Favorit Standard	7mm Mauser	3.77 kg	5 Internal	\$1377
Favorit Standard	7.5mm Swiss	3.95 kg	5 Internal	\$1536
Favorit Standard	7.62mm NATO	3.85 kg	5 Internal	\$1439
Favorit Standard	.30-06 Springfield	4.16 kg	5 Internal	\$1719
Favorit Standard	8mm Mauser	4.15 kg	5 Internal	\$1707
Favorit Standard	9.3x62mm Mauser	4.9 kg	5 Internal	\$2734
Favorit Standard Magnum	6.5x68mm RWS	3.4 kg	3 Internal	\$1435
Favorit Standard Magnum	7mm Remington Magnum	3.49 kg	3 Internal	\$1526
Favorit Standard Magnum	8x68mm RWS	4.11 kg	3 Internal	\$2509
Favorit Standard Magnum	.300 Winchester Magnum	3.97 kg	3 Internal	\$2337
Favorit Safari	8x68mm RWS	3.6 kg	3 Internal	\$2584
Favorit Safari	9.3x64mm Brenneke	3.86 kg	3 Internal	\$2952
Favorit Safari	.308 Norma Magnum	3.35 kg	3 Internal	\$1856
Favorit Safari	.375 H&H Magnum	4.27 kg	3 Internal	\$3357
Favorit Safari	.338 Winchester Magnum	3.8 kg	3 Internal	\$2633

Favorit Safari	.404 Jeffery	4.83 kg	3 Internal	\$4038
Favorit Safari	.458 Winchester Magnum	4.88 kg	3 Internal	\$4117
Favorit Drückjagd	7x64mm Brenneke	3.2 kg	5 Internal	\$1480
Favorit Drückjagd	7.62mm NATO	3.13 kg	5 Internal	\$1407
Favorit Drückjagd	.30-06 Springfield	3.39 kg	5 Internal	\$1688
Favorit Drückjagd	8mm Mauser	3.38 kg	5 Internal	\$1675
Favorit Drückjagd	9.3x62mm Mauser	3.98 kg	5 Internal	\$2639
Favorit Drückjagd Short	.30-06 Springfield	3 kg	5 Internal	\$1651
Favorit Drückjagd Short	8mm Mauser	2.99 kg	5 Internal	\$1638
Favorit Drückjagd Short	9.3x62mm Mauser	3.52 kg	5 Internal	\$2528
Favorit Stutzen	6.5x57mm Mauser	3.4 kg	5 Internal	\$1191
Favorit Stutzen	6mm Freres	3.31 kg	5 Internal	\$1112
Favorit Stutzen	.243 Winchester	3.15 kg	5 Internal	\$977
Favorit Stutzen	7mm Mauser	3.61 kg	5 Internal	\$1345
Favorit Stutzen	7x64mm Brenneke	3.76 kg	5 Internal	\$1480
Favorit Stutzen	7.62mm NATO	3.68 kg	5 Internal	\$1407
Favorit Stutzen	.30-06 Springfield	3.99 kg	5 Internal	\$1688
Favorit Stutzen	8mm Mauser	3.98 kg	5 Internal	\$1675
Favorit Stutzen	9.3x62mm Mauser	4.69 kg	5 Internal	\$2639

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Favorit Standard (.243)	BA	3	2-Nil	7	3	Nil	73
Favorit Standard (6.5mm Mauser)	BA	4	2-Nil	7	4	Nil	73
Favorit Standard (6mm Freres)	BA	3	1-2-Nil	7	4	Nil	74
Favorit Standard (.270)	BA	4	2-3-Nil	7	4	Nil	67
Favorit Standard (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	78
Favorit Standard (7.5mm Swiss)	BA	4	2-3-Nil	7	4	Nil	87
Favorit Standard (7.62mm)	BA	4	2-3-Nil	7	4	Nil	87
Favorit Standard (.30-06)	BA	4	2-3-Nil	7	4	Nil	76

Favorit Standard (8mm Mauser)	BA	4	2-3-Nil	7	4	Nil	88
Favorit Standard (9.3x62mm)	BA	5	2-4-Nil	8	5	Nil	88
Favorit Standard Magnum (6.5mm RWS)	BA	4	1-2-3	8	5	Nil	83
Favorit Standard Magnum (7mm Magnum)	BA	4	1-2-3	8	5	Nil	95
Favorit Standard Magnum (8mm RWS)	BA	6	1-3-Nil	8	6	Nil	102
Favorit Standard Magnum (.300)	BA	5	2-3-Nil	8	4	Nil	98
Favorit Safari (8mm RWS)	BA	6	1-3-Nil	8	5	Nil	102
Favorit Safari (9.3mm Brenneke)	BA	6	1-3-Nil	8	5	Nil	119
Favorit Safari (.308 Norma)	BA	5	1-2-3	8	4	Nil	100
Favorit Safari (.375 H&H)	BA	7	1-3-5	9	5	Nil	110
Favorit Safari (.338 Win Magnum)	BA	6	1-3-Nil	8	5	Nil	113
Favorit Safari (.404 Jeffery)	BA	7	1-2-3	9	5	Nil	119
Favorit Safari (.458 Win Magnum)	BA	8	1-3-5	9	5	Nil	119
Favorit Drückjagd (7x64mm)	BA	4	1-2-3	7	5	Nil	67
Favorit Drückjagd (7.62mm)	BA	4	2-3-Nil	7	5	Nil	71
Favorit Drückjagd (.30-06)	BA	4	2-3-Nil	7	5	Nil	61
Favorit Drückjagd (8mm Mauser)	BA	4	2-3-Nil	7	5	Nil	71
Favorit Drückjagd (9.3mm Mauser)	BA	5	2-4-Nil	7	6	Nil	71
Favorit Drückjagd Short (.30-06)	BA	4	2-3-Nil	6	5	Nil	45
Favorit Drückjagd Short (8mm Mauser)	BA	4	2-3-Nil	6	5	Nil	53
Favorit Drückjagd Short (9.3mm Mauser)	BA	5	2-4-Nil	7	6	Nil	52
Favorit Stutzen (6.5mm Mauser)	BA	4	2-Nil	7	4	Nil	59
Favorit Stutzen (6mm Freres)	BA	3	1-2-Nil	6	3	Nil	60
Favorit Stutzen (.243)	BA	3	2-Nil	6	3	Nil	59
Favorit Stutzen (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	63
Favorit Stutzen (7x64mm)	BA	4	1-2-3	7	4	Nil	67
Favorit Stutzen (7.62mm)	BA	4	2-3-Nil	7	4	Nil	71
Favorit Stutzen (.30-06)	BA	4	2-3-Nil	7	4	Nil	61
Favorit Stutzen (8mm Mauser)	BA	4	2-3-Nil	7	4	Nil	71

Favorit Stutzen (9.3mm Mauser)	BA	5	2-4-Nil	7	5	Nil	71
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Frankonia M-98

Notes: This rifle is an improved version of the Favorit; however, it is not available in as many versions and chamberings as the Favorit. The standard M-98 is a basic Mauser-action-based rifle, but the M-98 Luxe has a special preset trigger; when the preset is used, the trigger pressure required to fire the M-98 Luxe is reduced from 2.2 pounds to 0.22 pounds. (The Luxe is otherwise identical to the standard versions for game purposes.) A carbine version is also made, called the M-98 Drückjagd ,with a 20.5-inch barrel (as opposed to the 23.625-inch barrel of the standard versions). The Drückjagd has a V-notched rear sight and a red-dot front bead sight, as opposed to the adjustable leaf sight of the standard version. Stocks are made from select walnut.

Twilight 2000 Notes: These rifles do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
M-98 Standard	.243 Winchester	3.4 kg	5 Internal	\$1009
M-98 Standard	7x64mm Brenneke	4.06 kg	5 Internal	\$1511
M-98 Standard	7.62mm NATO	3.98 kg	5 Internal	\$1439
M-98 Standard	.30-06 Springfield	4.3 kg	5 Internal	\$1719
M-98 Standard	8mm Mauser	4.29 kg	5 Internal	\$1707
M-98 Standard	9.3x62mm Mauser	5.06 kg	5 Internal	\$2734
M-98 Standard Magnum	.300 Winchester Magnum	4.62 kg	3 Internal	\$2276
M-98 Drückjagd	7x64mm Brenneke	3.2 kg	5 Internal	\$1480
M-98 Drückjagd	.30-06 Springfield	3.39 kg	5 Internal	\$1688
M-98 Drückjagd	8mm Mauser	3.38 kg	5 Internal	\$1675
M-98 Drückjagd	9.3x62mm Mauser	3.99 kg	5 Internal	\$2639

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-98 Standard (.243)	BA	3	2-Nil	7	3	Nil	73
M-98 Standard (7x64mm)	BA	4	1-2-3	7	4	Nil	84
M-98 Standard (7.62mm)	BA	4	2-3-Nil	7	4	Nil	87
M-98 Standard (.30-06)	BA	4	2-3-Nil	7	4	Nil	76
M-98 Standard (8mm)	BA	4	2-3-Nil	7	4	Nil	88
M-98 Standard (9.3mm)	BA	5	2-4-Nil	8	5	Nil	88
M-98 Standard Magnum	BA	5	2-3-Nil	7	4	Nil	87
M-98 Drückjagd (7x64mm)	BA	4	1-2-3	7	5	Nil	67

M-98 Drückjagd (.30-06)	BA	4	2-3-Nil	7	5	Nil	61
M-98 Drückjagd (8mm)	BA	4	2-3-Nil	7	5	Nil	71
M-98 Drückjagd (9.3mm)	BA	5	2-4-Nil	7	6	Nil	71



Haenel M-1909

Notes: This is simply a civilianized form of the M-1907 (see German Battle Rifles). The caliber was changed, the barrel and the entire rifle was shortened considerably, and the ability to load with a stripper clip was removed along with the bayonet lug. The M1909 came in three calibers and three models: Grade I, with plain sights and plain walnut stocks; Grade II, with a better finish, a fixed cheekpiece on the butt, and a set trigger; and Grade III, with a silver-bead front sight and a tangent-leaf rear sight, plus the cheekpiece and set trigger. All are identical for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
M-1909	7mm Mauser	2.46 kg	5 Internal	\$1374
M-1909	8mm Mauser	2.67 kg	5 Internal	\$1704
M-1909	9mm Mauser Rifle	3.15 kg	5 Internal	\$2899

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-1909 (7mm)	BA	4	2-3-Nil	7	5	Nil	74
M-1909 (8mm)	BA	4	2-3-Nil	8	6	Nil	84
M-1909 (9mm)	BA	5	2-4-Nil	8	6	Nil	76

Heym Magnum Express

Notes: This is a rifle designed specifically for firing medium and large-caliber magnum cartridges – and it fires some pretty exotic ones at that. It was introduced in 1989 shortly after the SR-20, and is similar externally to that rifle (though larger). The bolt is generally huge and the extractor powerful. Despite the powerful cartridges it fires, there is not even a recoil pad on the butt, and that, combined with the relatively light weight of the weapon, means that recoil can be brutal.

Weapon	Ammunition	Weight	Magazines	Price
Magnum Express	.300 Weatherby Magnum	2.56 kg	3 Internal	\$2408
Magnum Express	.338 Lapua Magnum	2.7 kg	3 Internal	\$2688
Magnum Express	.375 H&H Magnum	2.95 kg	3 Internal	\$3233
Magnum Express	.378 Weatherby Magnum	2.98 kg	3 Internal	\$3294
Magnum Express	.404 Jeffrey	3.24 kg	3 Internal	\$3913
Magnum Express	.416 Rigby	3.22 kg	3 Internal	\$3857
Magnum Express	.425 Express	3.1 kg	3 Internal	\$3573
Magnum Express	.450 Ackley	3.44 kg	3 Internal	\$4446
Magnum Express	.458 Winchester Magnum	3.25 kg	3 Internal	\$3993
Magnum Express	.460 Weatherby Magnum	3.45 kg	3 Internal	\$4518
Magnum Express	.500 A-Square	3.76 kg	3 Internal	\$5413
Magnum Express	.600 Nitro Express	4.46 kg	3 Internal	\$7884

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Magnum Express (.300)	BA	5	1-2-3	7	6	Nil	82
Magnum Express (.338)	BA	6	1-3-Nil	8	7	Nil	94
Magnum Express (.375)	BA	7	1-3-5	8	7	Nil	99
Magnum Express (.378)	BA	7	1-3-5	8	7	Nil	97
Magnum Express (.404)	BA	7	1-3-5	8	7	Nil	108
Magnum Express (.416)	BA	7	1-3-5	8	7	Nil	108
Magnum Express (.425)	BA	7	1-3-5	8	7	Nil	108
Magnum Express (.450)	BA	8	1-2-3	9	8	Nil	108
Magnum Express (.458)	BA	8	1-3-5	8	7	Nil	108
Magnum Express (.460)	BA	8	1-2-3	9	8	Nil	108
Magnum Express (.500)	BA	9	1-2-3	9	8	Nil	108
Magnum Express (.600)	BA	10	1-2-3	10	8	Nil	108

Heym SR-20

Notes: This was one of the few Freidrich Heym designs that can be bought "off the shelf;" most of Heym's firearms are specifically designed for individual shooters, and tailor made to them. However, even the SR-20 offers four barrel lengths and a plethora of ammunition choices, and so is able to please most shooters. The standard calibers may use a 21" or 24" barrel, while magnum cartridges use either a 25" or 26" barrel. Despite being an "of-the-shelf" weapon, it is still extremely rare.

Weapon	Ammunition	Weight	Magazines	Price
SR-20 (21" Barrel)	5.6mm RWS	3.29 kg	6-Internal	\$933
SR-20 (24" Barrel)	5.6mm RWS	3.4 kg	6-Internal	\$963
SR-20 (21" Barrel)	6mm Mauser	3.47 kg	5-Internal	\$1052
SR-20 (24" Barrel)	6mm Mauser	3.58 kg	5-Internal	\$1082
SR-20 (21" Barrel)	6.5mm Mauser	3.62 kg	5-Internal	\$1154
SR-20 (24" Barrel)	6.5mm Mauser	3.73 kg	5-Internal	\$1184
SR-20 (21" Barrel)	6.5mm Swedish Mauser	3.65 kg	5-Internal	\$1171
SR-20 (24" Barrel)	6.5mm Swedish Mauser	3.78 kg	5-Internal	\$1201
SR-20 (21" Barrel)	6.5mm Sauer	3.42 kg	5-Internal	\$1023
SR-20 (24" Barrel)	6.5mm Sauer	3.53 kg	5-Internal	\$1053

SR-20 (21" Barrel)	6.5mm RWS	3.7 kg	6-Internal	\$1206
SR-20 (24" Barrel)	6.5mm RWS	3.81 kg	6-Internal	\$1236
SR-20 (21" Barrel)	.243 Winchester	3.37 kg	5-Internal	\$986
SR-20 (24" Barrel)	.243 Winchester	3.48 kg	5-Internal	\$1016
SR-20 (21" Barrel)	.270 Winchester	4.06 kg	5-Internal	\$1447
SR-20 (24" Barrel)	.270 Winchester	4.17 kg	5-Internal	\$1477
SR-20 (21" Barrel)	7mm Mauser	3.92 kg	5-Internal	\$1356
SR-20 (24" Barrel)	7mm Mauser	4.03 kg	5-Internal	\$1387
SR-20 (21" Barrel)	7x64mm Brenneke	4.12 kg	5-Internal	\$1491
SR-20 (24" Barrel)	7x64mm Brenneke	4.23 kg	5-Internal	\$1522
SR-20 (21" Barrel)	7.62mm NATO	4.01 kg	5-Internal	\$1418
SR-20 (24" Barrel)	7.62mm NATO	4.12 kg	5-Internal	\$1449
SR-20 (21" Barrel)	.30-06 Springfield	4.44 kg	5-Internal	\$1700
SR-20 (24" Barrel)	.30-06 Springfield	4.55 kg	5-Internal	\$1731
SR-20 (25" Barrel)	7mm Remington Magnum	3.46 kg	3-Internal	\$1526
SR-20 (26" Barrel)	7mm Remington Magnum	3.63 kg	3-Internal	\$1537
SR-20 (25" Barrel)	.300 Winchester Magnum	4.2 kg	3-Internal	\$2326
SR-20 (26" Barrel)	.300 Winchester Magnum	4.41 kg	3-Internal	\$2357
SR-20 (21" Barrel)	8mm RWS	4.46 kg	6-Internal	\$1722
SR-20 (24" Barrel)	8mm RWS	4.59 kg	6-Internal	\$1752
SR-20 (21" Barrel)	9.3x62mm Mauser	5.53 kg	5-Internal	\$2665
SR-20 (24" Barrel)	9.3x62mm Mauser	5.68 kg	5-Internal	\$2756
SR-20 (25" Barrel)	.375 H&H Magnum	5.64 kg	3-Internal	\$3276
SR-20 (26" Barrel)	.375 H&H Magnum	5.92 kg	3-Internal	\$3307

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SR-20 (5.6mm RWS, 21")	BA	3	2-Nil	6	3	Nil	52
SR-20 (5.6mm RWS, 24")	BA	3	2-Nil	7	3	Nil	63
SR-20 (6mm Mauser, 21")	BA	3	2-Nil	6	3	Nil	56

SR-20 (6mm Mauser, 24")	BA	3	2-Nil	7	4	Nil	69
SR-20 (6.5mm Mauser, 21")	BA	3	2-Nil	6	4	Nil	64
SR-20 (6.5mm Mauser, 24")	BA	3	2-Nil	7	4	Nil	78
SR-20 (6.5mm Swedish Mauser, 21")	BA	3	2-Nil	6	4	Nil	63
SR-20 (6.5mm Swedish Mauser, 24")	BA	4	2-Nil	7	4	Nil	77
SR-20 (6.5mm Sauer, 21")	BA	3	2-Nil	6	3	Nil	71
SR-20 (6.5mm Sauer, 24")	BA	3	2-Nil	7	4	Nil	86
SR-20 (6.5mm RWS, 21")	BA	4	2-Nil	6	4	Nil	61
SR-20 (6.5mm RWS, 24")	BA	4	2-Nil	7	4	Nil	74
SR-20 (.243, 21")	BA	3	2-Nil	6	3	Nil	61
SR-20 (.243, 24")	BA	3	2-Nil	7	3	Nil	74
SR-20 (.270, 21")	BA	4	2-3-Nil	7	4	Nil	56
SR-20 (.270, 24")	BA	4	2-3-Nil	7	4	Nil	69
SR-20 (7mm Mauser, 21")	BA	4	2-Nil	7	4	Nil	65
SR-20 (7mm Mauser, 24")	BA	4	2-3-Nil	7	4	Nil	80
SR-20 (7x64mm, 21")	BA	4	2-3-Nil	7	4	Nil	58
SR-20 (7x64mm, 24")	BA	4	2-3-Nil	7	4	Nil	71
SR-20 (7.62mm, 21")	BA	4	2-3-Nil	7	4	Nil	74
SR-20 (7.62mm, 24")	BA	4	2-3-Nil	7	4	Nil	90
SR-20 (.30-06, 21")	BA	4	2-3-Nil	7	4	Nil	64
SR-20 (.30-06, 24")	BA	4	2-3-Nil	7	4	Nil	78
SR-20 (7mm Magnum, 25")	BA	4	1-2-3	7	5	Nil	91
SR-20 (7mm Magnum, 26")	BA	4	1-2-3	8	4	Nil	97
SR-20 (.300 Magnum, 25")	BA	5	2-3-Nil	8	4	Nil	94
SR-20 (.300 Magnum, 26")	BA	6	2-3-Nil	8	4	Nil	100
SR-20 (8mm RWS, 21")	BA	4	2-3-Nil	7	4	Nil	69
SR-20 (8mm RWS, 24")	BA	4	2-3-Nil	7	4	Nil	85
SR-20 (9.3x62mm Mauser, 21")	BA	5	2-4-Nil	7	5	Nil	74
SR-20 (9.3x62mm Mauser, 24")	BA	5	2-4-Nil	8	5	Nil	90

SR-20 (.375 H&H Magnum, 25")	BA	7	1-3-5	8	5	Nil	106
SR-20 (.375 H&H Magnum, 26")	BA	7	1-3-5	8	5	Nil	112

Heym SR-21

Notes: The successor to the SR-20, the SR-21 was introduced in 2001. It is mostly a traditional bolt-action rifle, but there are some differences between it and the SR-20. The first is that the receivers and barrels are easily interchangeable, allowing simple caliber changes. The magazines are removable (though of low capacity). The SR-21 has a single trigger equipped with a preset. The SR-21N is supplied in a variety of smaller calibers, while the SR-21G is chambered for larger and magnum calibers, and the barrel is slightly longer.

Twilight 2000 Notes: The SR-21 does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
SR-21N	.22-250 Remington	3.2 kg	3	\$863
SR-21N	.25-06 Remington	3.82 kg	3	\$1288
SR-21N	.243 Winchester	3.48 kg	3	\$1018
SR-21N	6mm Freres	3.67 kg	3	\$1154
SR-21N	6.5mm Swedish	3.73 kg	3	\$1203
SR-21N	6.5x57mm Mauser	3.77 kg	3	\$1233
SR-21N	6.5x65mm RWS	3.95 kg	3	\$1375
SR-21N	.270 Winchester	4.08 kg	3	\$1427
SR-21N	7mm Mauser	3.97 kg	3	\$1387
SR-21N	7x64mm Brenneke	4.14 kg	3	\$1521
SR-21N	7.62mm NATO	4.05 kg	3	\$1448
SR-21N	.30-06 Springfield	4.39 kg	3	\$1729
SR-21N	8mm Mauser	4.38 kg	3	\$1717
SR-21N	8mm Brenneke	4.81 kg	3	\$2400
SR-21N	9.3x62mm Mauser	5.17 kg	3	\$2742
SR-21G	7mm Remington Magnum	3.2 kg	2	\$1520
SR-21G	.300 Winchester Magnum	3.63 kg	2	\$2297
SR-21G	8x68mm RWS	3.77 kg	2	\$2469
SR-21G	.338 Winchester Magnum	3.81 kg	2	\$2519

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
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SR-21N (.22-250)	BA	3	1-Nil	7	3	Nil	71
SR-21N (.25-06)	BA	4	2-Nil	7	4	Nil	64
SR-21N (.243)	BA	3	2-Nil	7	3	Nil	73
SR-21N (6mm)	BA	3	1-2-Nil	7	4	Nil	74
SR-21N (6.5mm Swedish)	BA	4	2-Nil	7	4	Nil	75
SR-21N (6.5mm Mauser)	BA	4	2-Nil	7	4	Nil	73
SR-21N (6.5mm RWS)	BA	4	1-2-3	7	4	Nil	76
SR-21N (.270)	BA	4	2-3-Nil	7	4	Nil	67
SR-21N (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	78
SR-21N (7x64mm)	BA	4	1-2-3	7	4	Nil	84
SR-21N (7.62mm)	BA	4	2-3-Nil	7	4	Nil	87
SR-21N (.30-06)	BA	4	2-3-Nil	7	4	Nil	76
SR-21N (8mm Mauser)	BA	4	2-3-Nil	7	4	Nil	88
SR-21N (8mm Brenneke)	BA	6	1-2-3	7	4	Nil	93
SR-21N (9.3mm Mauser)	BA	5	2-4-Nil	8	5	Nil	88
SR-21G (7mm Magnum)	BA	4	1-2-3	7	5	Nil	86
SR-21G (.300)	BA	5	2-3-Nil	7	5	Nil	89
SR-21G (8mm RWS)	BA	6	1-2-3	7	5	Nil	92
SR-21G (.338)	BA	6	1-3-Nil	8	6	Nil	103

Heym SR-30

Notes: Unlike previous Heym designs, the SR-30 does not use a modified Mauser action. The SR-30 instead uses an action designed specifically for it, and one that is unique. This action is designed for maximum safety – the trigger uncocks and locks if the bolt is opened, and there are two other traditional safeties. The buttplate has a thick rubber recoil pad.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
SR-30	.243 Winchester	2.21 kg	5	\$1008
SR-30	6mm Freres	2.27 kg	5	\$1143
SR-30	6.5mm Swedish	2.32 kg	5	\$1191
SR-30	6.5x57mm Mauser	2.42 kg	5	\$1222
SR-30	6.5x65mm RWS	2.42 kg	5	\$1364

SR-30	.270 Winchester	2.97 kg	5	\$1466
SR-30	7mm Mauser	2.44 kg	5	\$1375
SR-30	7mm Brenneke	2.53 kg	5	\$1510
SR-30	.30-06 Springfield	2.56 kg	5	\$1717
SR-30	7.62mm NATO	2.39 kg	5	\$1437
SR-30	8mm Mauser	2.48 kg	5	\$1705
SR-30	8mm Brenneke	2.63 kg	5	\$2388
SR-30	9.3mm Mauser	3.2 kg	5	\$2731

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SR-30 (.243)	BA	3	2-Nil	7	4	Nil	73
SR-30 (6mm Freres)	BA	3	1-2-Nil	7	5	Nil	74
SR-30 (6.5mm Swedish)	BA	4	2-Nil	7	5	Nil	75
SR-30 (6.5mm Mauser)	BA	4	2-Nil	7	5	Nil	73
SR-30 (6.5mm RWS)	BA	4	2-3-Nil	7	5	Nil	63
SR-30 (.270)	BA	4	2-3-Nil	7	5	Nil	67
SR-30 (7mm Mauser)	BA	4	2-3-Nil	7	5	Nil	78
SR-30 (7mm Brenneke)	BA	4	2-3-Nil	7	5	Nil	70
SR-30 (.30-06)	BA	4	2-3-Nil	7	5	Nil	76
SR-30 (7.62mm)	BA	4	2-3-Nil	7	6	Nil	87
SR-30 (8mm Mauser)	BA	4	2-3-Nil	7	6	Nil	88
SR-30 (8mm Brenneke)	BA	5	2-3-Nil	7	5	Nil	78
SR-30 (9.3mm Mauser)	BA	5	2-4-Nil	8	6	Nil	88

Krico 300E

Notes: This is a very simple bolt-action rimfire rifle; in fact, there is no active locking system, only the turn of the bolt handle locking the bolt. It has a plain half-stock with a Monte Carlo comb, and it uses the same trigger system as the Model 260. The Model 300E is the base rifle; the 302 has what is the longest barrel of the series. The Model 302SA has an integral silencer. The Model 304 has a 22.45-inch barrel. The Model 352 uses the .22 Winchester Magnum Rimfire cartridge, but is otherwise identical to the 302. The Model 354 is a 304 chambered for .22 Winchester Magnum Rimfire. All the other versions of this rifle (302D, 302E, 302L, 304L, 310, 311, 352E) have variations in the stock or sights, or are deluxe variants, and are identical to the others for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
Krico 300E	.22 Long Rifle	2.49 kg	5	\$261
Krico 302	.22 Long Rifle	2.81 kg	5	\$312
Krico 302SA	.22 Long Rifle	3.04 kg	5	\$378
Krico 304	.22 Long Rifle	2.69 kg	5	\$288
Krico 352	.22 Winchester Magnum Rimfire	2.92 kg	5	\$344
Krico 354	.22 Winchester Magnum Rimfire	2.8 kg	5	\$320

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Krico 300E	BA	1	Nil	5	1	Nil	44
Krico 302	BA	1	Nil	6	1	Nil	55
Krico 302SA	BA	1	Nil	6	1	Nil	54
Krico 304	BA	1	Nil	5	1	Nil	50
Krico 352	BA	1	Nil	6	1	Nil	73
Krico 354	BA	1	Nil	5	1	Nil	65

Krico 400

Notes: Introduced in 1953, the 400 series has been steadily updated and modified until the present day. The Model 400 is designed for .22 Long Rifle, and is a bolt-action rifle with no iron sights – the rifle is designed for use with telescopic sights exclusively, and is grooved for such. There are a number of safety devices and indicators built in, from a conventional safety switch to a chamber-loaded indicator. Two triggers are available for the Model 400; the standard trigger has a pull of only 200 grams, while the match trigger has pull of merely 150 grams. A single-shot version of the Model 400 is also made, the Model 400 Silhouette, which is lighter with a shorter barrel. Other versions include Model 420L Stutzen, a carbine with a 19.75-inch barrel (as opposed to the standard 23.625-inch barrel) and a continuous stock extending to the muzzle; the deluxe Models 430S and 440S (identical to the basic model for game purposes); and the Model 401 DJV (Deutsches Jagdverband) which is made in .22 Long Rifle and .22 Hornet versions, has a cold-forged barrel 22 inches long, and has dovetail groove *and* is drilled and tapped in order to use a variety of telescopic sights (there are still no iron sights). The stock of all models is of Monte Carlo style.

Weapon	Ammunition	Weight	Magazines	Price
Krico 400	.22 Long Rifle	4 kg	5, 10	\$300
Krico 400 Silhouette	.22 Long Rifle	3.5 kg	1 Internal	\$249

Krico 420L Stutzen	.22 Long Rifle	3.81 kg	5, 10	\$261
Krico 401 DJV	.22 Long Rifle	4.1 kg	5	\$284
Krico 401 DJV	.22 Hornet	4.1 kg	5	\$674

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Krico 400	BA	1	Nil	6	1	Nil	52
Krico 400 Silhouette	SS	1	Nil	5	1	Nil	46
Krico 420L Stutzen	BA	1	Nil	5	1	Nil	45
Krico 401 DJV (.22 Long Rifle)	BA	1	Nil	5	1	Nil	49
Krico 401 DJV (.22 Hornet)	BA	3	1-Nil	6	2	Nil	71

**Krico 400**

Notes: This is an improved version of the Model 300 series. The primary differences are locking lugs on the bolt, a hog's back comb, a fixed cheekpiece, and a rather thick (and largely superfluous) recoil pad, and of course, the caliber change. The base rifle is the Model 400D. The Model 400E does not have the recoil pad, having only a plastic or rubber-encased butt, as well as a double-stage trigger, and a barrel of only 21.65 inches. The Model 420L has a set trigger and uses a Mannlicher-style stock, and has a short 19.7-inch barrel. The Model 430S is a single-shot target rifle with a set trigger and a deep beavertailed fore-end and an optical sight. The Model 440S is a magazine-fed 430S.

Weapon	Ammunition	Weight	Magazines	Price
Krico 400D	.22 Hornet	3.23 kg	5	\$765
Krico 400E	.22 Hornet	2.93 kg	5	\$670
Krico 420L	.22 Hornet	2.83 kg	5	\$650
Krico 430S	.22 Long Rifle	3.06 kg	1 Internal	\$430
Krico 440S	.22 Long Rifle	3.13 kg	5	\$450

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Krico 400D	BA	3	1-Nil	6	3	Nil	76
Krico 400E	BA	3	1-Nil	6	3	Nil	69
Krico 420L	BA	3	1-Nil	6	3	Nil	63
Krico 430S	SS	1	Nil	6	1	Nil	52
Krico 440S	BA	1	Nil	6	1	Nil	52

**Krico 600 (First Series)**

Notes: This series of rifles was designed in the early 1960s to replace the Mauser pattern of rifles that Krico had been making. The 600 series is a set of small-caliber rifles that all have modified Mauser actions with simplified bolt shrouds made of black plastic. The

weapons are all similar, but the "K" versions have Monte Carlo butts and the barrels are 23.6 inches long – except for the .222 Remington chambering (21.65 inches) and the 5.6mm RWS chambering (24 inches). The 620 series all have 21.65-inch barrels. The Model 641 is a competition rifle built specifically for specific German competition rules, and has a heavy barrel and a set trigger. The Model 643 is the same weapon, but fires .243 Winchester.

Weapon	Ammunition	Weight	Magazines	Price
Krico 601	.222 Remington	3.36 kg	4	\$787
Krico 602/602K	.222 Remington Magnum	3.43 kg	3	\$834
Krico 603/603K	.243 Winchester	3.67 kg	4	\$1008
Krico 604/604K	5.6x50mm Magnum	3.46 kg	3	\$871
Krico 605/605K	7.62mm NATO	4.38 kg	4	\$1437
Krico 606	5.6mm RWS	3.76 kg	3	\$955
Krico 607/607K	.22-250 Remington	3.65 kg	4	\$852
Krico 601K	.222 Remington	3.31 kg	4	\$768
Krico 606K	5.6mm RWS	3.77 kg	3	\$959
Krico 621	.222 Remington	3.32 kg	4	\$768
Krico 622	.222 Remington Magnum	3.39 kg	3	\$814
Krico 623	.243 Winchester	3.63 kg	4	\$988
Krico 624	5.6x50mm Magnum	3.42 kg	3	\$851
Krico 625	7.62mm NATO	4.33 kg	4	\$1417
Krico 626	5.6mm RWS	3.72 kg	3	\$935
Krico 641	.222 Remington	3.2 kg	4	\$787
Krico 643	.243 Winchester	3.49 kg	4	\$1008

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Krico 601	BA	3	1-Nil	7	3	Nil	77
Krico 602/602K	BA	3	1-1-Nil	7	3	Nil	88
Krico 603/603K	BA	3	2-Nil	7	3	Nil	73
Krico 604/604K	BA	3	1-1-Nil	7	3	Nil	83
Krico 605/605K	BA	4	2-3-Nil	7	4	Nil	87
Krico 606	BA	3	1-2-Nil	7	3	Nil	74
Krico 607/607K	BA	3	1-Nil	7	3	Nil	72

Krico 601K	BA	3	1-Nil	6	3	Nil	70
Krico 606K	BA	3	1-2-Nil	7	3	Nil	76
Krico 621	BA	3	1-Nil	6	3	Nil	70
Krico 622	BA	3	1-1-Nil	6	3	Nil	78
Krico 623	BA	3	2-Nil	6	3	Nil	64
Krico 624	BA	3	1-1-Nil	6	3	Nil	73
Krico 625	BA	4	2-3-Nil	7	4	Nil	77
Krico 626	BA	3	1-2-Nil	6	3	Nil	65
Krico 641	BA	3	1-Nil	7	3	Nil	77
Krico 643	BA	3	2-Nil	7	3	Nil	73

**Krico 600 (Second Series)**

Notes: These newer versions of the Krico 600 series were introduced in 1994. They are based upon the original Krico 600 series, and differ little in their actions or stocks. Barrel lengths and calibers tend to be different, however. Their Monte Carlo stocks usually have adjustable cheekpieces as well, and the handguards are ventilated for cooling purposes. The Model 600A is the base rifle, drilled and tapped for a scope and available in a plethora of chamberings; the Model 600B (Benchrest) is a version designed for precision shooting, and chambered only in .22-250 Remington; the Model 600DJ or Battue is a stalking rifle with a ventilated sighting rib instead of normal sights (identical to the standard Model 600A except for this fact). The Model 600E is a single-shot version of the Krico 600 designed for competitions requiring such a rifle or as a beginning rifle. The Model 600J (Jagd, or Hunting) has a preset trigger and longer barrel; the Model 600KE is a less-expensive version with a beech instead of walnut stock (identical to the Model 600A for game purposes); the Model 600L (Luxus) is a deluxe version with a finer grade of walnut stock, ST trigger system, and removable sling swivels (identical to the 600A for game purposes); the Model 600 Match is a version designed for competition with a heavy, longer barrel; the Model 600 Sniper has a specially-selected heavy barrel which is longer than the 600A, and has a larger magazine; the Model 600 Stutzen is a version with a stock extending to the muzzle (identical to the 600A for game purposes); the Model 600 Varmint is a version designed for small game with a longer barrel. All except the Model 600DJ are drilled and tapped for a scope, and all have a thick rubber recoil pad on the butt as well as having an adjustable butt.

Twilight 2000 Notes: Not introduced until 1994, these rifles are quite rare in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Krico 600A	.17 Remington	3.4 kg	4	\$643
Krico 600A	.222 Remington	3.77 kg	4	\$842
Krico 600A	.222 Remington Magnum	3.85 kg	3	\$889
Krico 600A	5.56mm NATO	3.8 kg	4	\$861
Krico 600A	.22-250 Remington	3.88 kg	4	\$907
Krico 600A	.243 Winchester	4.13 kg	4	\$1063
Krico 600A	5.6x50mm Magnum	3.93 kg	3	\$926
Krico 600A	5.6mm RWS	4.07 kg	3	\$1010



Krico 600A	7.62mm NATO	4.83 kg	4	\$1492
Krico 600B	.22-250 Remington	3.89 kg	4	\$913
Krico 600E	.17 Remington	4.5 kg	1 Internal	\$499
Krico 600E	.222 Remington	4.98 kg	1 Internal	\$599
Krico 600E	.222 Remington Magnum	5.08 kg	1 Internal	\$622
Krico 600E	5.56mm NATO	5.02 kg	1 Internal	\$608
Krico 600E	.22-250 Remington	5.12 kg	1 Internal	\$632
Krico 600E	.243 Winchester	5.45 kg	1 Internal	\$709
Krico 600E	5.6x50mm Magnum	5.19 kg	1 Internal	\$641
Krico 600E	5.6mm RWS	5.37 kg	1 Internal	\$683
Krico 600E	7.62mm NATO	6.38 kg	1 Internal	\$924
Krico 600J	.17 Remington	3.6 kg	4	\$663
Krico 600J	.222 Remington	3.99 kg	4	\$863
Krico 600J	.222 Remington Magnum	4.07 kg	3	\$909
Krico 600J	5.56mm NATO	4.02 kg	4	\$881
Krico 600J	.22-250 Remington	4.11 kg	4	\$928
Krico 600J	.243 Winchester	4.37 kg	4	\$1083
Krico 600J	5.6x50mm Magnum	4.16 kg	3	\$946
Krico 600J	5.6mm RWS	4.3 kg	3	\$1030
Krico 600J	7.62mm NATO	5.11 kg	4	\$1512
Krico 600 Match	.222 Remington	4 kg	4	\$869
Krico 600 Match	5.56mm NATO	4.03 kg	4	\$887
Krico 600 Match	.22-250 Remington	4.12 kg	4	\$934
Krico 600 Match	.243 Winchester	4.38 kg	4	\$1089
Krico 600 Match	7.62mm NATO	5.12 kg	4	\$1518
Krico 600 Sniper	5.56mm NATO	4.2 kg	6	\$893
Krico 600 Sniper	.22-250 Remington	4.29 kg	6	\$940
Krico 600 Sniper	.243 Winchester	4.56 kg	6	\$1091
Krico 600 Sniper	7.62mm NATO	5.33 kg	6	\$1524

Krico 600 Varmint	.222 Remington	4 kg	4	\$869
Krico 600 Varmint	.243 Winchester	4.38 kg	4	\$1089
Krico 600 Varmint	7.62mm NATO	5.12 kg	4	\$1518

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Krico 600A (.17)	BA	2	1-Nil	6	2	Nil	52
Krico 600A (.222 Rem)	BA	3	1-Nil	6	2	Nil	70
Krico 600A (.222 Magnum)	BA	3	1-1-Nil	6	2	Nil	78
Krico 600A (5.56mm)	BA	3	1-Nil	6	2	Nil	68
Krico 600A (.22-250)	BA	3	1-Nil	6	2	Nil	63
Krico 600A (.243)	BA	3	2-Nil	6	2	Nil	64
Krico 600A (5.6x50mm)	BA	3	1-1-Nil	6	2	Nil	73
Krico 600A (5.6mm RWS)	BA	3	1-2-Nil	6	2	Nil	65
Krico 600A (7.62mm)	BA	4	2-3-Nil	7	3	Nil	77
Krico 600B	BA	3	1-Nil	6	2	Nil	65
Krico 600E (.17)	SS	2	1-Nil	6	2	Nil	57
Krico 600E (.222 Rem)	SS	3	1-Nil	6	2	Nil	77
Krico 600E (.222 Magnum)	SS	3	1-1-Nil	6	2	Nil	88
Krico 600E (5.56mm)	SS	3	1-Nil	6	2	Nil	75
Krico 600E (.22-250)	SS	3	1-Nil	6	2	Nil	72
Krico 600E (.243)	SS	3	2-Nil	6	2	Nil	73
Krico 600E (5.6x50mm)	SS	3	1-1-Nil	6	2	Nil	83
Krico 600E (5.6mm RWS)	SS	3	1-2-Nil	6	2	Nil	74
Krico 600E (7.62mm)	SS	4	2-3-Nil	6	3	Nil	87
Krico 600J (.17)	BA	2	1-Nil	6	2	Nil	57
Krico 600J (.222 Rem)	BA	3	1-Nil	6	2	Nil	77
Krico 600J (.222 Magnum)	BA	3	1-1-Nil	6	2	Nil	88
Krico 600J (5.56mm)	BA	3	1-Nil	6	2	Nil	75
Krico 600J (.22-250)	BA	3	1-Nil	6	2	Nil	72

Krico 600J (.243)	BA	3	2-Nil	6	2	Nil	73
Krico 600J (5.6x50mm)	BA	3	1-1-Nil	6	2	Nil	83
Krico 600J (5.6mm RWS)	BA	3	1-2-Nil	6	2	Nil	74
Krico 600J (7.62mm)	BA	4	2-3-Nil	6	3	Nil	87
Krico 600 Match (.222 Rem)	BA	3	1-Nil	7	2	Nil	79
Krico 600 Match (5.56mm)	BA	3	1-Nil	7	2	Nil	77
Krico 600 Match (.22-250)	BA	3	1-Nil	7	2	Nil	74
Krico 600 Match (.243)	BA	3	2-Nil	7	2	Nil	75
Krico 600 Match (7.62mm)	BA	4	2-3-Nil	7	3	Nil	91
Krico 600 Sniper (5.56mm)	BA	3	1-Nil	7	2	Nil	79
Krico 600 Sniper (.22-250)	BA	3	2-Nil	7	2	Nil	76
Krico 600 Sniper (.243)	BA	3	2-Nil	7	2	Nil	78
Krico 600 Sniper (7.62mm)	BA	4	2-3-Nil	7	3	Nil	94
Krico 600 Varmint (.222 Rem)	BA	3	1-Nil	7	2	Nil	79
Krico 600 Varmint (.243)	BA	3	2-Nil	7	2	Nil	75
Krico 600 Varmint (7.62mm)	BA	4	2-3-Nil	7	3	Nil	91

**Krico 700**

This is basically a long-action version of the Krico 600. They are otherwise identical to the Krico 600 series. And variants are also similar. The Model 700A is the base version, a very plain weapon with a set trigger and virtually no other frills. The Model 700D adds several more calibers to the mix. The Model 700D Magnum, of course, chambers magnum cartridges and other very long rounds. Other variants simply have differences in the stock, sights, or fore-end, or are deluxe models, and are identical for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
Krico 700A/D	7mm Brenneke	3.38 kg	3	\$1510
Krico 700A/D	.30-06 Springfield	3.57 kg	3	\$1717
Krico 700D	6.5mm Swedish	3.11 kg	3	\$1191
Krico 700D	6.5x57mm Mauser	3.14 kg	3	\$1222
Krico 700D	.270 Winchester	3.15 kg	3	\$1233
Krico 700D	7mm Mauser	3.3 kg	3	\$1375
Krico 700D	9.3mm Mauser	4.33 kg	3	\$2731
Krico 700D Magnum	6.5x68mm RWS	3.55 kg	3	\$1434

Krico 700D Magnum	7mm Remington Magnum	3.64 kg	3	\$1525
Krico 700D Magnum	7.5mm Swiss	3.67 kg	3	\$1554
Krico 700D Magnum	.300 Winchester Magnum	4.12 kg	3	\$2335
Krico 700D Magnum	8x68mm RWS	4.27 kg	3	\$2507
Krico 700D Magnum	9.3mm Brenneke	4.58 kg	3	\$2874

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Krico 700A/D (7mm Brenneke)	BA	4	2-3-Nil	7	5	Nil	70
Krico 700A/D (.30-06)	BA	4	2-3-Nil	7	5	Nil	76
Krico 700D (6.5mm Swedish)	BA	4	2- Nil	7	4	Nil	75
Krico 700D (6.5mm Mauser)	BA	4	2-Nil	7	4	Nil	73
Krico 700D (.270)	BA	4	2-3-Nil	7	5	Nil	83
Krico 700D (7mm Mauser)	BA	4	2-3-Nil	7	5	Nil	78
Krico 700D (9.3mm Mauser)	BA	5	2-4-Nil	8	5	Nil	88
Krico 700D Magnum (6.5mm RWS)	BA	4	1-2-3	8	4	Nil	83
Krico 700D Magnum (7mm Magnum)	BA	4	1-2-3	8	4	Nil	94
Krico 700D Magnum (7.5mm Swiss)	BA	4	2-3-Nil	8	4	Nil	97
Krico 700D Magnum (.300)	BA	5	2-3-Nil	8	4	Nil	98
Krico 700D Magnum (8mm RWS)	BA	6	1-3-Nil	8	5	Nil	101
Krico 700D (9.3mm Brenneke)	BA	5	2-4-Nil	8	5	Nil	99

**Krico 902**

Notes: This is basically an evolved version of the of the Model 700 series, introduced in 2000. The calibers shown below are the standard calibers available for the Model 902, but Krico will make the Model 902 in other chamberings upon request. The Model 902 is a very safe weapon, owing to the multiple safeties built in and the method of operation. The Model 902 is also somewhat modular, in that the chambering of the rifle can be easily changed simply by changing the barrel. The barrels are cold forged for strength and joined to a strong steel receiver. The Model has dovetails for the attachment of a scope mount as well as an adjustable rear leaf sight and an adjustable front bead sight. The trigger has a preset actuated by pushing the trigger forward, after which it springs backward and is set. Magnum chamberings have longer barrels than non-magnum chamberings. The stock is made from walnut and is divided; the center portion containing the receiver and action may be decorated with engravings if desired. The butt has a thick rubber recoil pad. Various versions of the Model 902 exist: the Model 902 All-Weather has a stainless steel barrel; the Model 902 Deluxe is a luxury version of the All-Weather with engraved receiver plates but a blued barrel; The Model 902 Stutzen is a carbine with the fore-end extending to the muzzle; and the Model 902 Varmint has no fixed sights, being designed for use only with telescopic sights. All these versions are identical to the standard Model 902 except for the Stutzen, which is detailed in the tables below.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
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Krico 902	.243 Winchester	3.1 kg	3, 5	\$1071
Krico 902	6.5mm Swedish	3.31 kg	3, 5	\$1255
Krico 902	.270 Winchester	3.6 kg	3, 5	\$1529
Krico 902	7x64mm Brenneke	3.67 kg	3, 5	\$1593
Krico 902	7.62mm NATO	3.57 kg	3, 5	\$1501
Krico 902	.30-06 Springfield	3.85 kg	3, 5	\$1781
Krico 902	9.3x62mm Mauser	4.53 kg	3, 5	\$2773
Krico 902	.375 H&H Magnum	4.96 kg	3, 5	\$3317
Krico 902 Stutzen	.243 Winchester	3 kg	3, 5	\$1043
Krico 902 Stutzen	6.5mm Swedish	3.2 kg	3, 5	\$1227
Krico 902 Stutzen	.270 Winchester	3.48 kg	3, 5	\$1317
Krico 902 Stutzen	7x64mm Brenneke	3.73 kg	3, 5	\$1546
Krico 902 Stutzen	7.62mm NATO	3.45 kg	3, 5	\$1473
Krico 902 Stutzen	.30-06 Springfield	3.73 kg	3, 5	\$1753
Krico 902 Stutzen	9.3x62mm Mauser	4.38 kg	3, 5	\$2689

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Krico 902 (.243)	BA	3	2-Nil	6	3	Nil	68
Krico 902 (6.5mm)	BA	4	2-Nil	7	4	Nil	70
Krico 902 (.270)	BA	4	2-3-Nil	7	4	Nil	62
Krico 902 (7x64mm)	BA	4	1-2-3	7	4	Nil	88
Krico 902 (7.62mm)	BA	4	2-3-Nil	7	4	Nil	81
Krico 902 (.30-06)	BA	4	2-3-Nil	7	4	Nil	71
Krico 902 (9.3x62mm)	BA	5	2-4-Nil	7	5	Nil	82
Krico 902 (.375)	BA	7	1-3-5	8	4	Nil	102
Krico Stutzen 902 (.243)	BA	3	2-Nil	6	3	Nil	56
Krico 902 Stutzen (6.5mm)	BA	3	2-Nil	6	4	Nil	58
Krico 902 Stutzen (.270)	BA	4	2-Nil	6	4	Nil	61
Krico 902 Stutzen (7x64mm)	BA	4	1-2-3	6	4	Nil	64

Krico 902 Stutzen (7.62mm)	BA	4	2-3-Nil	6	4	Nil	67
Krico 902 Stutzen (.30-06)	BA	4	2-3-Nil	7	4	Nil	58
Krico 902 Stutzen (9.3x62mm)	BA	5	2-4-Nil	7	5	Nil	67



**Mauser Mk X/Mk X Carbine**

Notes: This is a German bolt-action hunting rifle with an excellent reputation. They have butterknife bolt handles, double set triggers, straight stocks, and European-style fore-end muzzle caps. Mk Xz are actually made by Zastava of Serbia. They are well-made mechanically and stockwise; however, the finish is not up to the rest of the rifle's standards and the bluing and stock lacquer tends to rub off rather quickly; most Mk Xs need refinishing. And despite the solidness of the action, the parts tend to show the signs of rough machining. Some typical calibers are noted below. Sites consist of a ladder-type rear and a front post protected by a tunnel. The Mk X has a 24-inch barrel; the Carbine has an 18-inch barrel.

The Alaskan was designed for heavy magnum rounds , but is a rather light weapon instead. It has a recoil pad on the butt and a butt adjustable for LOP by spacers.

There are several versions which differ from the Mk X only in style, grades of wood, or metalwork finish. Some however, have minor differences which add up to major ones. The Cavalier merely has a fancier stock wood and a Monte Carlo-type cheekpiece. The Viscount uses a special hammer-forged chrome-vanadium barrel. The LTW uses a synthetic Carbolite stock; this differs only in the weight and price. The Marquis fires only .243, .270, 7mm Mauser, 7.62mm, or .30-06. The Continental has a butterknife handle, a Monte Carlo cheekpiece, and a set trigger in addition to the main one. The Continental is a Marquis with a butterknife bolt handle and a set trigger. The Whitworth Express has an adjustable trigger, a 3-leaf express adjustable rear sight with a peep sight for use when the leaf is down, and a Monte Carlo stock. It is otherwise the same as the Alaskan for game purposes. The Mini Mark X is chambered for the two most popular assault rifle rounds,. and has a 20-inch blued barrel. The rear sight is adjustable, and the front is a hooded ramp. It has a Monte Carlo stock.

Just a note: The Mk X was not the original name of this rifle, as it is a copy and rebarrelling of the C/1898 German rifle. They were handed out to Germany's allies, and were captured en masse by the Russians during Barbarossa and the invasion of Germany. They marked an "X" on the receiver, then put them into use.

Weapon	Ammunition	Weight	Magazines	Price
Mauser Mk X	.22-250 Remington	2.56 kg	5 Internal	\$842
Mauser Mk X	.243 Winchester	2.72 kg	5 Internal	\$997
Mauser Mk X	.25-06 Remington	2.99 kg	5 Internal	\$1267
Mauser Mk X	6.5x57mm Mauser	3.05 kg	5 Internal	\$1212
Mauser Mk X	.270 Winchester	3.21 kg	5 Internal	\$1456
Mauser Mk X	7mm Mauser	3.15 kg	5 Internal	1365
Mauser Mk X	7mm Remington Magnum	3.24 kg	5 Internal	\$1495
Mauser Mk X	7.62mm NATO	3.37 kg	5 Internal	\$1429
Mauser Mk X	.30-06 Springfield	3.8 kg	5 Internal	\$1711
Mauser Mk X	.300 Winchester Magnum	3.68 kg	5 Internal	\$2232
Mauser Mk X	8mm Mauser	3.78 kg	5 Internal	\$1699
Mauser Mk X	9.3x62mm Mauser	4.89 kg	5 Internal	\$2697
Mauser Mk X Carbine	.22-250 Winchester	2.29 kg	5 Internal	\$957
Mauser Mk X Carbine	.243 Winchester	2.43 kg	5 Internal	\$989
Mauser Mk X Carbine	.25-06 Remington	2.67 kg	5 Internal	\$1226
Mauser Mk X Carbine	6.5x57mm Mauser	2.73 kg	5 Internal	\$1204
Mauser Mk X Carbine	.270 Winchester	2.87 kg	5 Internal	\$1415
Mauser Mk X Carbine	7mm Mauser	2.82 kg	5 Internal	\$1325
Mauser Mk X Carbine	7mm Remington Magnum	2.9 kg	5 Internal	\$1454
Mauser Mk X Carbine	7.62mm NATO	3.02 kg	5 Internal	\$1421
Mauser Mk X Carbine	.30-06 Springfield	3.4 kg	5 Internal	\$1703
Mauser Mk X Carbine	.300 Winchester Magnum	3.29 kg	5 Internal	\$1454
Mauser Mk X Carbine	8mm Mauser	3.38 kg	5 Internal	\$1691
Mauser Mk X Carbine	9.3x62mm Mauser	4.38 kg	5 Internal	\$2673
Mauser Mk X Alaskan	.375 H&H Magnum	2.72 kg	3 Internal	\$3288
Mauser Mk X Alaskan	,458 Winchester Magnum	3.03 kg	3 Internal	\$4042
Mauser Mk X Viscount	.22-250 Remington	2.56 kg	5 Internal	\$847
Mauser Mk X Viscount	.243 Winchester	2.72 kg	5 Internal	\$1003
Mauser Mk X Viscount	.25-06 Remington	2.99 kg	5 Internal	\$1272
Mauser Mk X Viscount	6.5x57mm Mauser	3.05 kg	5 Internal	\$1217
Mauser Mk X Viscount	.270 Winchester	3.21 kg	5 Internal	\$1461
Mauser Mk X Viscount	7mm Mauser	3.15 kg	5 Internal	\$1371
Mauser Mk X Viscount	7mm Remington Magnum	3.24 kg	5 Internal	\$1500
Mauser Mk X Viscount	7.62mm NATO	3.37 kg	5 Internal	\$1433
Mauser Mk X Viscount	.30-06 Springfield	3.8 kg	5 Internal	\$1713
Mauser Mk X Viscount	.300 Winchester Magnum	3.88 kg	5 Internal	\$2249
Mauser Mk X Viscount	8mm Mauser	3.78 kg	5 Internal	\$1701
Mauser Mk X Viscount	9.3x62mm Mauser	4.89 kg	5 Internal	\$2706

Mauser Mk X LTW	.22-250 Remington	2.05 kg	5 Internal	\$848
Mauser Mk X LTW	.243 Winchester	2.18 kg	5 Internal	\$1011
Mauser Mk X LTW	.25-06 Remington	2.39 kg	5 Internal	\$1281
Mauser Mk X LTW	6.5x57mm Mauser	2.44 kg	5 Internal	\$1226
Mauser Mk X LTW	.270 Winchester	2.57 kg	5 Internal	\$1472
Mauser Mk X LTW	7mm Mauser	2.52 kg	5 Internal	\$1381
Mauser Mk X LTW	7mm Remington Magnum	2.6 kg	5 Internal	\$1511
Mauser Mk X LTW	7.62mm NATO	2.7 kg	5 Internal	\$1444
Mauser Mk X LTW	.30-06 Springfield	3.04 kg	5 Internal	\$1725
Mauser Mk X LTW	.300 Winchester Magnum	3.11 kg	5 Internal	\$2265
Mauser Mk X LTW	8mm Mauser	3.03 kg	5 Internal	\$1713
Mauser Mk X LTW	9.3x62mm Mauser	3.92 kg	5 Internal	\$2725
Mauser Mini X	5.56mm NATO	2.84 kg	5 Internal	\$770
Mauser Mini X	7.62mm Kalashnikov	3.33 kg	5 Internal	\$1134

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mauser Mk X (.22-250)	BA	3	1-Nil	7	3	Nil	65
Mauser Mk X (.243)	BA	3	2-Nil	7	4	Nil	66
Mauser Mk X (.25-06)	BA	4	1-2-Nil	7	5	Nil	68
Mauser Mk X (6.5x57mm)	BA	4	2-Nil	7	5	Nil	66
Mauser Mk X (.270)	BA	4	2-3-Nil	7	5	Nil	60
Mauser Mk X (7mm Mauser)	BA	4	2-3-Nil	7	5	Nil	70
Mauser Mk X (7mm Mag)	BA	4	1-2-3	7	5	Nil	75
Mauser Mk X (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
Mauser Mk X (.30-06)	BA	4	2-3-Nil	7	4	Nil	69
Mauser Mk X (.300 Magnum)	BA	5	1-2-3	8	5	Nil	89
Mauser Mk X (8mm)	BA	4	2-3-Nil	7	5	Nil	79
Mauser Mk X (9.3x62mm)	BA	5	2-4-Nil	7	5	Nil	80
Mauser Mk X Carbine (.22-250)	BA	3	1-Nil	6	4	Nil	48
Mk X Carbine (.243 Win)	BA	3	2-Nil	6	4	Nil	49
Mk X Carbine (.25-06)	BA	3	1-2-Nil	6	5	Nil	50
Mk X Carbine (6.5x57mm)	BA	4	2-Nil	7	5	Nil	62
Mk X Carbine (.270)	BA	4	2-3-Nil	7	5	Nil	44
Mk X Carbine (7mm Mauser)	BA	4	2-3-Nil	6	5	Nil	52
Mk X Carbine (7mm Magnum)	BA	4	1-2-3	7	5	Nil	55
Mk X Carbine (7.62mm)	BA	4	2-3-Nil	7	5	Nil	75
Mk X Carbine (.30-06)	BA	4	2-3-Nil	7	5	Nil	65
Mk X Carbine (.300 Magnum)	BA	5	1-2-3	7	5	Nil	55
Mk X Carbine (8mm)	BA	4	2-3-Nil	7	5	Nil	75
Mk X Carbine (9.3x62mm)	BA	5	2-4-Nil	7	5	Nil	75
Mk X Alaskan (.375 Mag)	BA	7	1-3-5	9	7	Nil	109
Mk X Alaskan (.458 Mag)	BA	7	1-3-5	8	7	Nil	108
Mauser Mk X Viscount (.22-250)	BA	3	1-Nil	7	4	Nil	67
Mauser Mk X Viscount (.243)	BA	3	2-Nil	7	4	Nil	69
Mauser Mk X Viscount (.25-06)	BA	4	1-2-Nil	7	5	Nil	71
Mauser Mk X Viscount (6.5x57mm)	BA	4	2-Nil	7	5	Nil	68
Mauser Mk X Viscount (.270)	BA	4	2-3-Nil	7	4	Nil	63
Mauser Mk X Viscount (7mm Mauser)	BA	4	2-3-Nil	7	5	Nil	73
Mauser Mk X Viscount (7mm Mag)	BA	4	1-2-3	7	5	Nil	78
Mauser Mk X Viscount (7.62mm)	BA	4	2-3-Nil	7	5	Nil	82
Mauser Mk X Viscount (.30-06)	BA	4	2-3-Nil	7	4	Nil	71
Mauser Mk X Viscount (.300 Magnum)	BA	5	1-2-3	8	5	Nil	81
Mauser Mk X Viscount (8mm)	BA	4	2-3-Nil	7	5	Nil	82
Mauser Mk X Viscount (9.3x62mm)	BA	5	2-4-Nil	7	5	Nil	82
Mauser Mini X (5.56mm)	BA	3	1-Nil	6	3	Nil	61
Mauser Mini X (7.62mm)	BA	4	2-3-Nil	6	4	Nil	66

**Mauser Model 66**

Notes: Introduced in 1965 (with production beginning in 1966), the Model 66 is a bolt-action sporting rifle which comes in four basic models (or groups) and several variants. It features a short-throw bolt action, even when chambering the long rounds the Model 66 normally uses; this is achieved by locating the magazine between the trigger and the bolt, and by telescoping the bolt and bolt carrier. The weapon has iron sights, which may be removed and replaced by others if desired. It is also drilled and tapped for a scope mount. The stock is of walnut, with a half-length fore-end and a rubber recoil pad on the butt. It has a number of nice touches, such as an ebony or rosewood pistol grip wrist cap, a rounded rosewood fore-end cap, a checkered pistol grip wrist and fore-end, and a set trigger as standard (with a conventional trigger available upon request). Variants include the Model 66ST Stutzen (known as the Model 660 Ultra in the US), with a shorter 20.85-inch barrel (as opposed to the standard 23.6-inch barrel); the Model 66SM, with a Monte Carlo-type stock, deeper pistol grip wrist, and a Schnabel fore-end tip; it is identical to the standard Model 66 for game purposes. The Model 66S and Model 66SM Magnum are virtually identical to the Group IV standard Model 66s, but use 25.6-inch barrels, heavier bolts, and deeper magazines. The Models 66D and 66SD are deluxe versions of the standard rifle, identical for game purposes to the standard M-66.

The Mauser SP-66 Sniper Rifle (see German Sniper Rifles) is a heavily-modified version of the Model 66.

Weapon	Ammunition	Weight	Magazines	Price
Model 66 Group I	.243 Winchester	3.14 kg	3	\$1083
Model 66 Group I	6.5x57mm Mauser	3.38 kg	3	\$1297
Model 66 Group I	.270 Winchester	3.64 kg	3	\$1541
Model 66 Group I	7x64mm Brenneke	3.68 kg	3	\$1585
Model 66 Group I	7.62mm NATO	3.61 kg	3	\$1512
Model 66 Group I	.30-06 Springfield	3.89 kg	3	\$1792
Model 66 Group II	9.3x64mm Brenneke	4.63 kg	3	\$2839
Model 66 Group III	6.5x68mm RWS	3.75 kg	3	\$1473
Model 66 Group III	7mm Vom Hofe	3.65 kg	3	\$1620
Model 66 Group III	8x68mm RWS	4.52 kg	3	\$2472
Model 66 Group IV	7mm Remington Magnum	3.95 kg	3	\$1563
Model 66 Group IV	.300 Winchester Magnum	4.44 kg	3	\$2300
Model 66 Group IV	.375 H&H Magnum	5.35 kg	3	\$3245
Model 66 Group IV	.458 Winchester Magnum	5.97 kg	3	\$4004
Model 66ST Stutzen Group I	.243 Winchester	3.1 kg	3	\$1055
Model 66ST Stutzen Group I	6.5x57mm Mauser	3.34 kg	3	\$1269
Model 66ST Stutzen Group I	.270 Winchester	3.59 kg	3	\$1513
Model 66ST Stutzen Group I	7x64mm Brenneke	3.63 kg	3	\$1557
Model 66ST Stutzen Group I	7.62mm NATO	3.56 kg	3	\$1484
Model 66ST Stutzen Group I	.30-06 Springfield	3.84 kg	3	\$1764
Model 66ST Stutzen Group II	9.3x64mm Brenneke	4.57 kg	3	\$2804
Model 66ST Stutzen Group III	6.5x68mm RWS	3.7 kg	3	\$1461
Model 66ST Stutzen Group III	7mm Vom Hofe	3.6 kg	3	\$1592
Model 66ST Stutzen Group III	8x68mm RWS	4.46 kg	3	\$2437
Model 66ST Stutzen Group III	7mm Remington Magnum	3.9 kg	3	\$1552
Model 66ST Stutzen Group III	.300 Winchester Magnum	4.38 kg	3	\$2265
Model 66ST Stutzen Group III	.375 H&H Magnum	5.28 kg	3	\$3210
Model 66ST Stutzen Group III	.458 Winchester Magnum	5.89 kg	3	\$3969
Model 66S/SM Magnum	7mm Remington Magnum	3.98 kg	3	\$1600
Model 66S/SM Magnum	.300 Winchester Magnum	4.47 kg	3	\$2410
Model 66S/SM Magnum	.375 H&H Magnum	5.39 kg	3	\$3354
Model 66S/SM Magnum	.458 Winchester Magnum	6.01 kg	3	\$4114

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 66 Group I (.243)	BA	3	2-Nil	7	3	Nil	73
Model 66 Group I (6.5mm Mauser)	BA	4	2-Nil	7	4	Nil	73
Model 66 Group I (.270)	BA	4	2-3-Nil	7	4	Nil	67
Model 66 Group I (7mm Brenneke)	BA	4	1-2-3	7	4	Nil	83
Model 66 Group I (7.62mm)	BA	4	2-3-Nil	7	4	Nil	87
Model 66 Group I (.30-06)	BA	4	2-3-Nil	7	4	Nil	76
Model 66 Group II (9.3mm)	BA	6	1-3-Nil	7	5	Nil	95
Model 66 Group III (6.5mm RWS)	BA	4	1-2-3	7	4	Nil	66
Model 66 Group III (7mm Vom Hofe)	BA	4	1-2-3	7	4	Nil	81
Model 66 Group III (8mm RWS)	BA	6	1-2-3	7	4	Nil	81

Model 66 Group IV (7mm Magnum)	BA	4	1-2-3	7	4	Nil	75
Model 66 Group IV (.300)	BA	5	2-3-Nil	7	3	Nil	78
Model 66 Group IV (.375)	BA	6	1-3-Nil	8	4	Nil	87
Model 66 Group IV (.458)	BA	7	1-3-5	8	4	Nil	95
Model 66 Stutzen Group I (.243)	BA	3	2-Nil	6	3	Nil	61
Model 66 Stutzen Group I (6.5mm Mauser)	BA	4	2-Nil	7	4	Nil	60
Model 66 Stutzen Group I (.270)	BA	4	2-3-Nil	7	4	Nil	56
Model 66 Stutzen Group I (7mm Brenneke)	BA	4	1-2-3	7	4	Nil	69
Model 66 Stutzen Group I (7.62mm)	BA	4	2-3-Nil	7	4	Nil	73
Model 66 Stutzen Group I (.30-06)	BA	4	2-3-Nil	7	4	Nil	63
Model 66 Stutzen Group II (9.3mm)	BA	6	1-3-Nil	7	5	Nil	87
Model 66 Stutzen Group III (6.5mm RWS)	BA	4	1-2-3	7	4	Nil	61
Model 66 Stutzen Group III (7mm Vom Hofe)	BA	4	1-2-3	7	4	Nil	67
Model 66 Stutzen Group III (8mm RWS)	BA	6	1-2-3	7	4	Nil	74
Model 66 Stutzen Group IV (7mm Magnum)	BA	4	1-2-3	7	4	Nil	69
Model 66 Stutzen Group IV (.300)	BA	5	2-3-Nil	7	4	Nil	72
Model 66 Stutzen Group IV (.375)	BA	6	1-3-Nil	8	5	Nil	80
Model 66 Stutzen Group IV (.458)	BA	7	1-3-5	8	5	Nil	87
Model 66S/SM Magnum (7mm Magnum)	BA	4	1-2-3	8	4	Nil	94
Model 66S/SM Magnum (.300)	BA	5	2-3-Nil	8	4	Nil	98
Model 66S/SM Magnum (.375)	BA	7	1-3-5	9	5	Nil	110
Model 66S/SM Magnum (.458)	BA	8	1-3-5	9	5	Nil	119

Merkel KR-1

Notes: Most people say the Merkel KR-1 looks a bit strange, even fragile; it is, however quite the accurate and well-built short hunting rifle.

The fragile look of the rifle comes primarily from the stock, which includes a narrow and medium-deep pistol grip wrist, a stock which is basically only as wide as it has to be, and a fore-end which is built in the same manner. In addition, a good portion of the barrel is exposed, and it looks quite spindly. This should not fool the shooter, however; the stock is made of exceptionally-strong premium European walnut root, and the metalwork is of high-grade, high-strength steel. The bolt carrier looks like a sort of hood at the top of the receiver, and the bolt handle projects from the very top of the receiver instead of the middle or bottom of the receiver like most bolt-action rifles. Then the bolt is cycled, the entire rear portion of the top of the receiver/bolt hood moves to the rear. The action is a short-throw action. The barrel has a front ramp-type sight at nearly the muzzle; the “rear” sight is a simple aperture sight adjustable for windage and elevation, and is actually located a good 7 inches down the barrel in the “stalking” position. The KR-1 is primarily designed for use with a scope however, and it includes QD scope mounts set in standard drilling and tapping. The safety is a three-position type, and the bolt can be cycled while the rifle is set on safe. The trigger is also unusual; it functions as a standard trigger when pulled (though with a light 2-pound pull weight), but when pushed forward first, it acts as a set trigger, dropping the pull weight down to 8 ounces. Though small, the magazine is a detachable box which can also be loaded from the top through the action.

The standard KR-1 uses a 20.25-inch, 22.25-inch, or 24.25-inch barrel; the stock is a bit more substantial, but still looks (and only looks) rather fragile and the barrel sticks out quite a bit. The standard version can change calibers by simply changing (if necessary), the barrel, magazine, and bolt face. The KR-1 Stutzen uses only the 20.25-inch barrel, and has a full-length (Mannlicher) fore-end, as well as having a reduced number of chamberings available.

Weapon	Ammunition	Weight	Magazines	Price
KR-1 (20.25" Barrel)	.222 Remington	2.9 kg	3	\$758
KR-1 (22.25" Barrel)	.222 Remington	2.94 kg	3	\$779
KR-1 (24.25" Barrel)	.222 Remington	2.98 kg	3	\$800
KR-1 (20.25" Barrel)	5.56mm NATO	2.93 kg	3	\$777
KR-1 (22.25" Barrel)	5.56mm NATO	2.97 kg	3	\$798
KR-1 (24.25" Barrel)	5.56mm NATO	3.01 kg	3	\$819
KR-1 (20.25" Barrel)	.243 Winchester	3.21 kg	3	\$979
KR-1 (22.25" Barrel)	.243 Winchester	3.25 kg	3	\$1000
KR-1 (24.25" Barrel)	.243 Winchester	3.29 kg	3	\$1020
KR-1 (20.25" Barrel)	6.5mm Swedish	3.44 kg	3	\$1161
KR-1 (22.25" Barrel)	6.5mm Swedish	3.48 kg	3	\$1183
KR-1 (24.25" Barrel)	6.5mm Swedish	3.52 kg	3	\$1204
KR-1 (20.25" Barrel)	.270 Winchester	3.76 kg	3	\$1437
KR-1 (22.25" Barrel)	.270 Winchester	3.8 kg	3	\$1458
KR-1 (24.25" Barrel)	.270 Winchester	3.84 kg	3	\$1478
KR-1 (20.25" Barrel)	.270 Winchester Short Magnum	3.53 kg	2	\$1228



KR-1 (22.25" Barrel)	.270 Winchester Short Magnum	3.57 kg	2	\$1249
KR-1 (24.25" Barrel)	.270 Winchester Short Magnum	3.61 kg	2	\$1270
KR-1 (20.25" Barrel)	7mm-08 Remington	3.57 kg	3	\$1247
KR-1 (22.25" Barrel)	7mm-08 Remington	3.61 kg	3	\$1268
KR-1 (24.25" Barrel)	7mm-08 Remington	3.66 kg	3	\$1289
KR-1 (20.25" Barrel)	7mm Mauser	3.69 kg	3	\$1346
KR-1 (22.25" Barrel)	7mm Mauser	3.73 kg	3	\$1367
KR-1 (24.25" Barrel)	7mm Mauser	3.77 kg	3	\$1388
KR-1 (20.25" Barrel)	7mm Remington Magnum	3.84 kg	2	\$1476
KR-1 (22.25" Barrel)	7mm Remington Magnum	3.88 kg	2	\$1497
KR-1 (24.25" Barrel)	7mm Remington Magnum	3.92 kg	2	\$1517
KR-1 (20.25" Barrel)	7x64mm Brenneke	3.85 kg	3	\$1479
KR-1 (22.25" Barrel)	7x64mm Brenneke	3.89 kg	3	\$1502
KR-1 (24.25" Barrel)	7x64mm Brenneke	3.94 kg	3	\$1523
KR-1 (20.25" Barrel)	7.62mm NATO	3.77 kg	3	\$1406
KR-1 (22.25" Barrel)	7.62mm NATO	3.81 kg	3	\$1429
KR-1 (24.25" Barrel)	7.62mm NATO	3.86 kg	3	\$1450
KR-1 (20.25" Barrel)	.300 Winchester Short Magnum	3.83 kg	2	\$1461
KR-1 (22.25" Barrel)	.300 Winchester Short Magnum	3.88 kg	2	\$1482
KR-1 (24.25" Barrel)	.300 Winchester Short Magnum	3.93 kg	2	\$1503
KR-1 (20.25" Barrel)	.30-06 Springfield	4.08 kg	3	\$1688
KR-1 (22.25" Barrel)	.30-06 Springfield	4.12 kg	3	\$1709
KR-1 (24.25" Barrel)	.30-06 Springfield	4.17 kg	3	\$1730
KR-1 (20.25" Barrel)	.300 Winchester Magnum	4.32 kg	2	\$2187
KR-1 (22.25" Barrel)	.300 Winchester Magnum	4.37 kg	2	\$2250
KR-1 (24.25" Barrel)	.300 Winchester Magnum	4.42 kg	2	\$2312
KR-1 (20.25" Barrel)	8mm Mauser	4.08 kg	3	\$1674
KR-1 (22.25" Barrel)	8mm Mauser	4.12 kg	3	\$1695
KR-1 (24.25" Barrel)	8mm Mauser	4.17 kg	3	\$1715
KR-1 (20.25" Barrel)	8mm Brenneke	4.46 kg	3	\$2301
KR-1 (22.25" Barrel)	8mm Brenneke	4.51 kg	3	\$2364
KR-1 (24.25" Barrel)	8mm Brenneke	4.56 kg	3	\$2426
KR-1 (20.25" Barrel)	9.3x62mm Mauser	4.79 kg	3	\$2645
KR-1 (22.25" Barrel)	9.3x62mm Mauser	4.84 kg	3	\$2707
KR-1 (24.25" Barrel)	9.3x62mm Mauser	4.9 kg	3	\$2770
KR-1 (20.25" Barrel)	.338 Winchester Magnum	4.58 kg	2	\$2408
KR-1 (22.25" Barrel)	.338 Winchester Magnum	4.63 kg	2	\$2471
KR-1 (24.25" Barrel)	.338 Winchester Magnum	4.68 kg	2	\$2533
KR-1 Stutzen	.243 Winchester	2.9 kg	3	\$983
KR-1 Stutzen	6.5mm Swedish	3.11 kg	3	\$1168
KR-1 Stutzen	.270 Winchester	3.4 kg	3	\$1444
KR-1 Stutzen	7mm-08 Remington	3.23 kg	3	\$1253
KR-1 Stutzen	7mm Mauser	3.34 kg	3	\$1353
KR-1 Stutzen	7x64mm Brenneke	3.48 kg	3	\$1488
KR-1 Stutzen	7.62mm NATO	3.41 kg	3	\$1415
KR-1 Stutzen	.30-06 Springfield	3.69 kg	3	\$1697
KR-1 Stutzen	8mm Mauser	3.69 kg	3	\$1682
KR-1 Stutzen	8mm Brenneke	4.03 kg	3	\$2313
KR-1 Stutzen	9.3x62mm Mauser	4.33 kg	3	\$2658

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
KR-1 (20.25", .222)	BA	3	1-Nil	6	3	Nil	66
KR-1 (22.25", .222)	BA	3	1-Nil	6	3	Nil	74
KR-1 (24.25", .222)	BA	3	1-Nil	7	3	Nil	81
KR-1 (20.25", 5.56mm)	BA	3	1-Nil	6	3	Nil	64
KR-1 (22.25", 5.56mm)	BA	3	1-Nil	6	3	Nil	73
KR-1 (24.25", 5.56mm)	BA	3	1-Nil	7	3	Nil	79
KR-1 (20.25", .243)	BA	3	2-Nil	6	3	Nil	60
KR-1 (22.25", .243)	BA	3	2-Nil	7	3	Nil	69
KR-1 (24.25", .243)	BA	3	2-Nil	7	3	Nil	78

KR-1 (20.25", 6.5mm)	BA	3	2-Nil	6	4	Nil	61
KR-1 (22.25", 6.5mm)	BA	4	2-Nil	7	4	Nil	71
KR-1 (24.25", 6.5mm)	BA	4	2-Nil	7	4	Nil	81
KR-1 (20.25", .270)	BA	4	2-3-Nil	7	4	Nil	55
KR-1 (22.25", .270)	BA	4	2-3-Nil	7	4	Nil	64
KR-1 (24.25", .270)	BA	4	2-3-Nil	7	4	Nil	72
KR-1 (20.25", .270 Magnum)	BA	4	1-2-Nil	6	4	Nil	80
KR-1 (22.25", .270 Magnum)	BA	4	1-2-3	7	4	Nil	92
KR-1 (24.25", .270 Magnum)	BA	4	1-2-3	7	4	Nil	105
KR-1 (20.25", 7mm-08)	BA	4	2-3-Nil	6	4	Nil	71
KR-1 (22.25", 7mm-08)	BA	4	2-3-Nil	7	4	Nil	81
KR-1 (24.25", 7mm-08)	BA	4	2-3-Nil	7	4	Nil	92
KR-1 (20.25", 7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	64
KR-1 (22.25", 7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	74
KR-1 (24.25", 7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	84
KR-1 (20.25", 7mm Magnum)	BA	4	1-2-3	7	4	Nil	69
KR-1 (22.25", 7mm Magnum)	BA	4	1-2-3	7	4	Nil	80
KR-1 (24.25", 7mm Magnum)	BA	4	1-2-3	7	4	Nil	91
KR-1 (20.25", 7mm Brenneke)	BA	4	1-2-3	7	4	Nil	68
KR-1 (22.25", 7mm Brenneke)	BA	4	1-2-3	7	4	Nil	79
KR-1 (24.25", 7mm Brenneke)	BA	4	1-2-3	7	4	Nil	90
KR-1 (20.25", 7.62mm)	BA	4	2-3-Nil	7	4	Nil	71
KR-1 (22.25", 7.62mm)	BA	4	2-3-Nil	7	4	Nil	83
KR-1 (24.25", 7.62mm)	BA	4	2-3-Nil	7	4	Nil	94
KR-1 (20.25", .300 Short Magnum)	BA	5	1-2-3	7	4	Nil	87
KR-1 (22.25", .300 Short Magnum)	BA	5	1-2-3	7	4	Nil	100
KR-1 (24.25", .300 Short Magnum)	BA	5	1-2-3	7	4	Nil	113
KR-1 (20.25", .30-06)	BA	4	2-3-Nil	7	4	Nil	63
KR-1 (22.25", .30-06)	BA	4	2-3-Nil	7	4	Nil	72
KR-1 (24.25", .30-06)	BA	4	2-3-Nil	7	4	Nil	82
KR-1 (20.25", .300 Win Magnum)	BA	5	2-3-Nil	7	4	Nil	71
KR-1 (22.25", .300 Win Magnum)	BA	5	2-3-Nil	7	4	Nil	82
KR-1 (24.25", .300 Win Magnum)	BA	5	2-3-Nil	8	4	Nil	94
KR-1 (20.25", 8mm Mauser)	BA	4	2-3-Nil	7	4	Nil	72
KR-1 (22.25", 8mm Mauser)	BA	4	2-3-Nil	7	4	Nil	83
KR-1 (24.25", 8mm Mauser)	BA	4	2-3-Nil	7	4	Nil	95
KR-1 (20.25", 8mm Brenneke)	BA	5	1-2-3	7	4	Nil	76
KR-1 (22.25", 8mm Brenneke)	BA	6	1-2-3	7	4	Nil	88
KR-1 (24.25", 8mm Brenneke)	BA	6	1-2-3	8	4	Nil	100
KR-1 (20.25", 9.3mm)	BA	5	2-4-Nil	7	5	Nil	72
KR-1 (22.25", 9.3mm)	BA	5	2-4-Nil	7	5	Nil	83
KR-1 (24.25", 9.3mm)	BA	5	2-4-Nil	8	5	Nil	95
KR-1 (20.25", .338)	BA	6	1-2-3	7	4	Nil	82
KR-1 (22.25", .338)	BA	6	1-3-Nil	7	5	Nil	95
KR-1 (24.25", .338)	BA	6	1-3-Nil	8	5	Nil	108
KR-1 Stutzen (.243)	BA	3	2-Nil	6	3	Nil	60
KR-1 Stutzen (6.5mm)	BA	3	2-Nil	6	4	Nil	62
KR-1 Stutzen (.270)	BA	4	2-3-Nil	7	4	Nil	55
KR-1 Stutzen (7mm-08)	BA	4	2-3-Nil	6	4	Nil	71
KR-1 Stutzen (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	64
KR-1 Stutzen (7mm Brenneke)	BA	4	1-2-3	7	4	Nil	69
KR-1 Stutzen (7.62mm)	BA	4	2-3-Nil	7	5	Nil	72
KR-1 Stutzen (.30-06)	BA	4	2-3-Nil	7	4	Nil	63
KR-1 Stutzen (8mm Mauser)	BA	4	2-3-Nil	7	4	Nil	72
KR-1 Stutzen (7mm Brenneke)	BA	5	1-2-3	7	4	Nil	76
KR-1 Stutzen (9.3mm Mauser)	BA	5	2-4-Nil	7	5	Nil	72



Sauer 101

The S-101 uses a Dura Safe firing pin safety, the most reliable in existence (so far). The safety is actuated by an ergonomic switch built into the bolt shroud. In attention, there is a detent safety, which blocks the firing pin manual safety itself; effectively, two safeties must be removed in a specific order to render it able to fire. The detent safety also has a visual chamber loaded indicator. And even after all this, the manual firing pin safety cannot be actuated until the bolt is locked back. This also allows the bolt to be cycled while the detent safety is on. The bolt has three massive lugs that engage directly the barrel. Parts, though machine-made, possess an almost hand-fitted smoothness and tolerances. The barrel and receiver ring are joined together in a heat process that makes the barrel a floating barrel, in addition, the barrel has a heavy profile and is match quality. Magazines are of tough, weatherproof, temperature-resistant polymer. The trigger guard is extra-wide, and the trigger has a mere 2-pound weight. The fore-end has an ambidextrous palm swell and the stock's cast is neutral. The butt has a recoil pad. Standard calibers have a 22-inch barrel, and magnum calibers have a 24-inch barrel.

On the Classic, the stock is usually of normal profile, with a schnabel tip, and made of Grade 1 oil-finished walnut, with a recoil pad. A palm swell is more common. Parts are actually hand-fitted and the metalwork finish is gloss black, with the exception of the bolt, which is natural metal and made from machined steel. The Classic XY is the same rifle, but with polymer furniture and checkering formed into the fore-end and pistol grip wrist, in a pattern and slightly different grip texture called by Sauer Soft Touch. It is otherwise the same for game purposes as the Classic. The Forest is built heavier, of denser and better-quality Walnut and a bedding called by Sauer Action Rest. The stock is made is a design called by Sauer Ergo Max; this has a symmetrical palm swell and a cheek swell. It has a 20-inch heavy barrel with a target crown, and comes in limited chamberings. The Forest XT has the same relationship to the Forest that the Classic XT does to the Classic, and for game purposes is identical to the Forest.

Weapon	Ammunition	Weight	Magazines	Price
Sauer 101 Classic	.22-250 Remington	3.04 kg	5	\$925
Sauer 101 Classic	.243 Winchester	3.04 kg	5	\$1080
Sauer 101 Classic	.270 Winchester	3.04 kg	5	\$1538
Sauer 101 Classic	7.62mm NATO	3.04 kg	5	\$1509
Sauer 101 Classic	.30-06 Springfield	3.04 kg	5	\$1790
Sauer 101 Classic	6.5mm Swedish Mauser	3.04 kg	5	\$1264
Sauer 101 Classic	8mm Mauser	3.04 kg	5	\$1777
Sauer 101 Classic	9.3x62mm Mauser	3.04 kg	5	\$2798
Sauer 101 Classic	7mm Remington Magnum	3.13 kg	4	\$1598
Sauer 101 Classic	.300 Winchester Magnum	3.13 kg	4	\$2405
Sauer 101 Classic	.338 Winchester Magnum	3.13 kg	4	\$2626
Sauer 101 Forest	7.62mm NATO	3.25 kg	5	\$1429
Sauer 101 Forest	.30-06 Springfield	3.25 kg	5	\$1695
Sauer 101 Forest	8mm Mauser	3.25 kg	5	\$1757
Sauer 101 Forest	9.3x62mm Mauser	3.25 kg	5	\$2736

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sauer 101 Classic (.22-250)	BA	3	1-Nil	6	3	Nil	70
Sauer 101 Classic (.243)	BA	3	2-Nil	7	3	Nil	71
Sauer 101 Classic (.270)	BA	4	2-3-Nil	7	4	Nil	66
Sauer 101 Classic (7.62mm)	BA	4	2-3-Nil	7	4	Nil	86
Sauer 101 Classic (.30-06)	BA	4	2-3-Nil	7	4	Nil	75
Sauer 101 Classic (6.5mm)	BA	4	2-Nil	7	4	Nil	74
Sauer 101 Classic (8mm)	BA	4	2-3-Nil	7	4	Nil	86
Sauer 101 Classic (9.3mm)	BA	5	2-4-Nil	8	5	Nil	86
Sauer 101 Classic (7mm Magnum)	BA	4	1-2-3	7	4	Nil	94
Sauer 101 Classic (.300 Magnum)	BA	5	1-2-3	8	4	Nil	97
Sauer 101 Classic (.338 Magnum)	BA	6	1-3-Nil	8	5	Nil	112
Sauer 101 Forest (7.62mm)	BA	4	2-3-Nil	7	4	Nil	75
Sauer 101 Forest (.30-06)	BA	4	2-3-Nil	7	4	Nil	64
Sauer 101 Forest (8mm)	BA	4	2-3-Nil	7	4	Nil	75
Sauer 101 Classic (9.3mm)	BA	5	2-4-Nil	7	5	Nil	75

Sauer 202

This is a “switch-barrel” rifle; it is capable of changing calibers just by switching the barrel and the magazine. The Sauer 202 can do this, switching easily within standard and magnum calibers. (Standard ammunition Sauer 202s cannot be switched to fire Magnum ammunition or vice versa.) It is otherwise a medium magazine-fed rifle with a synthetic or walnut stock.

Weapon	Ammunition	Weight	Magazines	Price
Sauer 202	.22-250 Remington	3.49 kg	4	\$869

Sauer 202	.243 Winchester	3.49 kg	4	\$1024
Sauer 202	.25-06 Remington	3.49 kg	4	\$1295
Sauer 202	.270 Winchester	3.49 kg	4	\$1484
Sauer 202	7.62mm NATO	3.49 kg	4	\$1455
Sauer 202	.30-06 Springfield	3.49 kg	4	\$1737
Sauer 202	6.5mm Swedish Mauser	3.49 kg	4	\$1209
Sauer 202	7x64mm Brenneke	3.49 kg	4	\$1528
Sauer 202	7mm Remington Magnum	3.49 kg	3	\$1543
Sauer 202	.300 Winchester Magnum	3.49 kg	3	\$2363
Sauer 202	.300 Weatherby Magnum	3.49 kg	3	\$2483
Sauer 202	.300 Remington UltraMag	3.49 kg	3	\$2495
Sauer 202	.375 H&H Magnum	3.49 kg	3	\$3249

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sauer 202 (.22-250)	BA	3	1-Nil	7	3	Nil	73
Sauer 202 (.243)	BA	3	2-Nil	7	3	Nil	74
Sauer 202 (.25-06)	BA	4	2-Nil	7	4	Nil	65
Sauer 202 (.243)	BA	4	2-3-Nil	7	4	Nil	69
Sauer 202 (7.62mm)	BA	4	2-3-Nil	7	5	Nil	89
Sauer 202 (.30-06)	BA	4	2-3-Nil	7	5	Nil	78
Sauer 202 (6.5mm)	BA	4	2-Nil	7	4	Nil	77
Sauer 202 (7x64mm)	BA	4	2-3-Nil	7	4	Nil	71
Sauer 202 (7mm Magnum)	BA	4	1-2-3	8	5	Nil	97
Sauer 202 (.300 Winchester)	BA	5	1-2-3	8	5	Nil	100
Sauer 202 (.300 Weatherby)	BA	5	1-2-3	8	5	Nil	93
Sauer 202 (.300 Remington)	BA	6	1-2-3	8	5	Nil	92
Sauer 202 (.375)	BA	7	2-3-5	8	6	Nil	99

Sommer Ockenfus Shorty

Notes: The Shorty is a rare type of civilian rifle with a number of unusual features. Generally sold only through a number of resellers (primarily in the United States and Canada) and not by Sommer Ockenfus itself, the Shorty has never really sold well, though it is apparently an accurate, reliable and easy-to-use rifle. This is probably due to a great extent because the Shorty simply looks strange (and maybe American hunters are too conservative) and operates much differently than the typical rifle.

The Shorty is a bullpup-layout hunting rifle. The construction of most of the rifle is of aircraft-quality aluminum and steel, though most of this aluminum and steel is surrounded by a polymer or wooden shell (depending upon the model chosen). The entire rifle has a straight-line, ergonomic layout and a rather space-age appearance.

Operation is very unusual; though I am placing it in the “bolt-action” section, I really don’t know how to really characterize it in game terms. (As a GM, I would treat it as “Bolt-Action”, but perhaps give it a fire rate of 2 instead of 1.)The action of the Shorty is operated by simply pulling the pistol grip back and forward into operating position again. Though this makes the innards of the operating system a bit complicated, the Shorty is also quite reliable and can be cycled quickly. Another unusual feature is the Shorty’s grip safety, similar to that of the M-1911 pistol; the Shorty also has a manual safety which locks the pistol grip/bolt. Barrels are of high-quality steel and are of heavy profile; the Shorty uses a 25-inch barrel for all models except the Marksman’s Rifle, which has a 26.5-inch barrel. There are many possible chamberings, but the Shorty uses a quick-switch barrel system allowing one rifle to fire all possible chamberings within its type. Feed is from a box magazine which inserts completely into the stock (larger-capacity magazines are also available, but they will protrude from the magazine well); the action can be easily switched to allow for right or left-handed shooters.

Though most of the versions of the Shorty are basically similar for game purposes, the “base” Shorty appears to be the Hunter; it features a stock and receiver covered with select-quality walnut or polymer (usually black or gray, and called the Hunter Synthetic), and a stainless steel or high-grade steel alloy barrel. The stock has engraved steel plates on the left and right side under the sight base, with the right side plate having a red deer and scrollwork, and the left side plate having a wild boar and scrollwork. On the fore-end and on the rear near the buttplate are sling swivels (which are reversible). The scope mount is a Weaver-type rail, able to use virtually all civilian and most military telescopic sights; this mount may be permanently attached to the rifle, or be on a quick-release mount which allows for the replacement of the standard mount with other types of mounts. The Hunter has no iron sights. The trigger mechanism may be an adjustable match trigger group or a “hair trigger” which has a very light pull weight. The Hunting Match is basically a variant of the Hunter which is designed for both basic hunting as well as competition; its barrel is of match-quality, and tipped with a short muzzle brake. The Wilderness Rifle is also quite similar to the Hunter, but is usually covered in fiber-reinforced polymer. (A select walnut covering which is sealed with a polyurethane-type weather-resistant covering is also available upon request. All metalwork is either stainless steel or finished in weatherproof blueing. The Wilderness Rifle does not have the engraved inset side plates of the Hunter, Hunter Synthetic, or Hunter Match. (For game purposes, the Wilderness Rifle is identical to the Hunter

Synthetic or the Hunter, depending upon the cladding.) A Limited Edition version also exists, essentially a version of the Hunter with very high-quality weatherproofed walnut (synthetic-clad versions of the Limited Edition do not exist), gold-plated decorative side plates, and a black weatherproof finish to the metalwork. It is identical for game purposes to the Hunter.

The Marksman's Rifle has a number of differences from the standard Shorties; the barrel is 1.5 inches longer and tipped with a muzzle brake. It is not available with wood cladding, and has no decorative side plates. The fiber-reinforced synthetic cladding is matte gray, and the metalwork has a matte finish (blued for most of the metalwork, and matte stainless steel for the barrel and muzzle brake). The barrel is also a bit heavier than the standard Shorty, and may be fluted or smooth. The Marksman's Rifle comes with a bipod and a retracting monopod for the butt.

In real life, Shorties are VERY expensive, far more so than the game prices listed below.

Twilight 2000 Notes: The Shorty is a very rare rifle in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Hunter	.22-250 Remington	3.3 kg	5, 10	\$866
Hunter	.243 Winchester	3.48 kg	5, 10	\$1022
Hunter	.270 Winchester	3.8 kg	5, 10	\$1482
Hunter	7mm Remington Magnum	3.82 kg	5, 10	\$1522
Hunter	7.62mm NATO	3.78 kg	5, 10	\$1454
Hunter	.30-06 Springfield	3.94 kg	5, 10	\$1735
Hunter	.300 Winchester Magnum	4.09 kg	5, 10	\$2334
Hunter	.338 Winchester Magnum	4.19 kg	5, 10	\$2556
Hunter	.338 Lapua Magnum	4.27 kg	5, 10	\$2736
Hunter	.375 H&H Magnum	4.49 kg	5, 10	\$3283
Hunter	.416 Remington Magnum	4.69 kg	5, 10	\$3856
Hunter Synthetic	.22-250 Remington	3.07 kg	5, 10	\$865
Hunter Synthetic	.243 Winchester	3.24 kg	5, 10	\$1021
Hunter Synthetic	.270 Winchester	3.54 kg	5, 10	\$1481
Hunter Synthetic	7mm Remington Magnum	3.56 kg	5, 10	\$1520
Hunter Synthetic	7.62mm NATO	3.52 kg	5, 10	\$1452
Hunter Synthetic	.30-06 Springfield	3.67 kg	5, 10	\$1733
Hunter Synthetic	.300 Winchester Magnum	3.81 kg	5, 10	\$2331
Hunter Synthetic	.338 Winchester Magnum	3.9 kg	5, 10	\$2553
Hunter Synthetic	.338 Lapua Magnum	3.97 kg	5, 10	\$2733
Hunter Synthetic	.375 H&H Magnum	4.17 kg	5, 10	\$3279
Hunter Synthetic	.416 Remington Magnum	4.46 kg	5, 10	\$3851
Hunting Match	.22-250 Remington	3.37 kg	5, 10	\$917
Hunting Match	.243 Winchester	3.55 kg	5, 10	\$1073
Hunting Match	.270 Winchester	3.88 kg	5, 10	\$1533
Hunting Match	7mm Remington Magnum	3.9 kg	5, 10	\$1573
Hunting Match	7.62mm NATO	3.86 kg	5, 10	\$1505
Hunting Match	.30-06 Springfield	4.02 kg	5, 10	\$1786
Hunting Match	.300 Winchester Magnum	4.17 kg	5, 10	\$2385
Hunting Match	.338 Winchester Magnum	4.27 kg	5, 10	\$2607
Hunting Match	.338 Lapua Magnum	4.36 kg	5, 10	\$2786
Hunting Match	.375 H&H Magnum	4.58 kg	5, 10	\$3334
Hunting Match	.416 Remington Magnum	4.78 kg	5, 10	\$3907
Hunting Match Synthetic	.22-250 Remington	3.13 kg	5, 10	\$916
Hunting Match Synthetic	.243 Winchester	3.3 kg	5, 10	\$1072
Hunting Match Synthetic	.270 Winchester	3.61 kg	5, 10	\$1532
Hunting Match Synthetic	7mm Remington Magnum	3.63 kg	5, 10	\$1572
Hunting Match Synthetic	7.62mm NATO	3.59 kg	5, 10	\$1503
Hunting Match Synthetic	.30-06 Springfield	3.74 kg	5, 10	\$1784
Hunting Match Synthetic	.300 Winchester Magnum	3.88 kg	5, 10	\$2383
Hunting Match Synthetic	.338 Winchester Magnum	3.97 kg	5, 10	\$2604
Hunting Match Synthetic	.338 Lapua Magnum	4.05 kg	5, 10	\$2783
Hunting Match Synthetic	.375 H&H Magnum	4.26 kg	5, 10	\$3331
Hunting Match Synthetic	.416 Remington Magnum	4.45 kg	5, 10	\$3904
Marksman's Rifle	.22-250 Remington	4.3 kg	5, 10	\$1554
Marksman's Rifle	6mm Norma BR	4.31 kg	5, 10	\$1570
Marksman's Rifle	.243 Winchester	4.53 kg	5, 10	\$1712
Marksman's Rifle	.270 Winchester	4.95 kg	5, 10	\$2179
Marksman's Rifle	7mm Remington Magnum	4.97 kg	5, 10	\$2218

Marksman's Rifle	7.62mm NATO	4.92 kg	5, 10	\$2152
Marksman's Rifle	.30-06 Springfield	5.12 kg	5, 10	\$2436
Marksman's Rifle	.300 Winchester Magnum	5.32 kg	5, 10	\$2514
Marksman's Rifle	.338 Winchester Magnum	5.44 kg	5, 10	\$2740
Marksman's Rifle	.338 Lapua Magnum	5.55 kg	5, 10	\$2922
Marksman's Rifle	.375 H&H Magnum	5.84 kg	5, 10	\$3476
Marksman's Rifle	.416 Remington Magnum	6.1 kg	5, 10	\$4059

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Hunter (.22-250)	BA	3	2-Nil	5	3	Nil	70
Hunter (.243)	BA	3	2-Nil	5	3	Nil	74
Hunter (.270)	BA	4	2-3-Nil	5	4	Nil	68
Hunter (7mm)	BA	4	1-2-3	5	4	Nil	85
Hunter (7.62mm)	BA	4	2-3-Nil	5	4	Nil	88
Hunter (.30-06)	BA	4	2-3-Nil	5	4	Nil	77
Hunter (.300)	BA	5	2-3-Nil	5	4	Nil	88
Hunter (.338 Win)	BA	6	1-3-Nil	5	5	Nil	102
Hunter (.338 Lapua)	BA	6	1-3-Nil	6	5	Nil	93
Hunter (.375)	BA	7	1-3-5	6	5	Nil	99
Hunter (.416)	BA	7	1-3-5	6	5	Nil	107
Hunting Match (.22-250)	BA	3	2-Nil	5	2	Nil	70
Hunting Match (.243)	BA	3	2-Nil	5	2	Nil	74
Hunting Match (.270)	BA	4	2-3-Nil	5	3	Nil	68
Hunting Match (7mm)	BA	4	1-2-3	5	3	Nil	85
Hunting Match (7.62mm)	BA	4	2-3-Nil	5	3	Nil	88
Hunting Match (.30-06)	BA	4	2-3-Nil	5	3	Nil	77
Hunting Match (.300)	BA	5	2-3-Nil	5	3	Nil	88
Hunting Match (.338 Win)	BA	6	1-3-Nil	6	4	Nil	102
Hunting Match (.338 Lapua)	BA	6	1-3-Nil	6	4	Nil	93
Hunting Match (.375)	BA	7	1-3-5	6	4	Nil	99
Hunting Match (.416)	BA	7	1-3-5	6	4	Nil	107
Marksman's Rifle (.22-250)	BA	3	2-Nil	5	2	Nil	76
With Bipod	BA	3	2-Nil	5	1	Nil	98
Marksman's Rifle (6mm)	BA	3	1-2-Nil	5	2	Nil	101
With Bipod	BA	3	1-2-Nil	5	1	Nil	131
Marksman's Rifle (.243)	BA	3	2-Nil	5	3	Nil	79
With Bipod	BA	3	2-Nil	5	1	Nil	103
Marksman's Rifle (.270)	BA	4	2-3-Nil	6	3	Nil	75
With Bipod	BA	4	2-3-Nil	6	1	Nil	98
Marksman's Rifle (7mm)	BA	4	1-2-3	6	3	Nil	94
With Bipod	BA	4	1-2-3	6	1	Nil	122
Marksman's Rifle (7.62mm)	BA	4	2-3-Nil	6	3	Nil	94
With Bipod	BA	4	2-3-Nil	6	1	Nil	123
Marksman's Rifle (.30-06)	BA	5	2-3-Nil	6	3	Nil	86
With Bipod	BA	5	2-3-Nil	6	1	Nil	111
Marksman's Rifle (.300)	BA	5	1-2-3	6	3	Nil	98
With Bipod	BA	5	1-2-3	6	1	Nil	127
Marksman's Rifle (.338 Win)	BA	6	1-3-Nil	6	4	Nil	112
With Bipod	BA	6	1-3-Nil	6	2	Nil	146
Marksman's Rifle (.338 Lapua)	BA	6	1-3-Nil	6	4	Nil	103
With Bipod	BA	6	1-3-Nil	6	2	Nil	134
Marksman's Rifle (.375)	BA	7	1-3-5	6	4	Nil	109
With Bipod	BA	7	1-3-5	6	2	Nil	142
Marksman's Rifle (.416)	BA	7	1-3-5	7	4	Nil	119
With Bipod	BA	7	1-3-5	7	2	Nil	154

Weihrauch HW-60

Notes: Dating from early 1960s, the HW-60 Series is still in production, and is chambered for both rimfire and centerfire rounds. Rimfire versions are the most common types of these rifles, however. The base form of the HW-60, the HW-60J, was designed for sporting purposes, light competition, and varmint hunting. The European walnut stock is mated to an excellent-quality mechanism, and the stock has a type of stock known as a *Jagdbusche* stock – it had a hog's back comb and an oval cheekpiece. The pistol grip wrist and the fore-end are checkered, and the rifle has sling swivels and a rather-superfluous ventilated rubber recoil pad. The rifle has no iron sights, but is grooved for a scope mount. In 1982, changes were made to the magazine base (the detachable magazine could be difficult to remove quickly), and an option appeared for a set trigger instead of the normal adjustable trigger. The barrel is 22.85 inches long.

The HW-60 Match rifle fires only .22 Long Rifle, and is designed for the standard 25-meter UIT competition match. The barrel is heavy, match-quality, and 26-inches long. A competition aperture sight is standard. The fore-end is stippled instead of checkered, and is unusually deep. The pistol grip wrist is in a near-vertical position. The stock has a high slab-sided cheekpiece with an adjustable buttplate. The Underside of the fore-end has an accessory rail for palm rests, stops, and counterweights. The trigger is adjustable to an almost infinite degree. A variant of the HW-60 Match, the HW-660 Match, differs primarily in having an adjustable cheekpiece and slots in the fore-end for lightening the rifle and for barrel cooling. In 1995, these rifles were available with a stock finished in one of several colors. The HW-660 is lighter than the HW-60, but for game purposes shoots identically; no line is provided below for its firing characteristics and the HW-60 line should be used.

The HW-66, introduced in 1985, is a single-shot centerfire version of the HW-60 Match. The trigger may be conventional, double-stage, double set, or adjustable as desired by the buyer. The barrel is a 22.05-inch heavy-match-quality stainless steel barrel. The HW-66DJV variant of the HW-66 is designed for moving target competition; it has a shorter 20-inch barrel and a fixed instead of an adjustable buttplate.

Weapon	Ammunition	Weight	Magazines	Price
HW-60J	.22 Long Rifle	2.43 kg	5	\$348
HW-60J	.22 Winchester Magnum Rimfire	2.48 kg	4	\$379
HW-60J	.22 Hornet	2.95 kg	4	\$737
HW-60J	.222 Remington	3.08 kg	3	\$835
HW-60 Match	.22 Long Rifle	4.85 kg	5	\$498
HW-66	.22 Hornet	3.9 kg	1 Internal	\$621
HW-66	.222 Remington	4.02 kg	1 Internal	\$669
HW-66DJV	.22 Hornet	3.82 kg	1 Internal	\$599
HW-66DJV	.222 Remington	3.94 kg	1 Internal	\$647
HW-660	.22 Long Rifle	3.71 kg	5	\$621

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
HW-60J (.22 LR)	BA	1	Nil	5	1	Nil	51
HW-60J (.22 Magnum)	BA	1	Nil	6	1	Nil	66
HW-60J (.22 Hornet)	BA	3	1-Nil	6	3	Nil	74
HW-60J (.222)	BA	3	1-Nil	6	3	Nil	74
HW-60 Match	BA	1	Nil	6	1	Nil	60
HW-66 (.22 Hornet)	BA	3	1-Nil	6	3	Nil	75
HW-66 (.222)	BA	3	1-Nil	6	3	Nil	75
HW-66DJV (.22 Hornet)	BA	3	1-Nil	5	3	Nil	67
HW-66DJV (.222)	BA	3	1-Nil	5	3	Nil	67

FEG GV-2

Notes: The GV-2 is essentially an average sporting rifle, designed around a long action. However, it does have a few small tricks up its sleeve, including a cold-hammer forged barrel made of a proprietary mix of steels and other minerals. The 24.22-inch barrel is tipped by a target crown. The stock is largely from one complete piece of walnut; however, the wrist and fore-end are made as inlays to be inserted. The iron sights are open and nonadjustable, but the rifle is drilled and tapped for a scope mount. The GV-2 comes with a set trigger in addition to a standard trigger. The rounds in which the GV-2 is chambered provide a good, solid punch, but the rifle's light weight heightens felt recoil.

Weapon	Ammunition	Weight	Magazines	Price
GV-2	7x64mm Brenneke	3.5 kg	3	\$1519
GV-2	.30-06 Springfield	3.7 kg	3	\$1726

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
GV-2 (7mm)	BA	4	1-2-3	7	4	Nil	88
GV-2 (.30-06)	BA	4	2-3-Nil	7	5	Nil	80



**Colt-Sauer Sporting Rifle**

Notes: This was a collaborative venture between Colt Firearms of America and SiG-Sauer of Switzerland. The result is a smooth shooting bolt-action rifle of high quality. The weapon is tapped for sights. The weapon is rare, since it was not mass-produced.  
Twilight 2000 Notes: There were some instances of NATO, Australian, and, strangely enough, Saudi snipers using this weapon.

Weapon	Ammunition	Weight	Magazines	Price
Colt-Sauer Sporting Rifle	.25-06 Remington	3.65 kg	4	\$1281
Colt-Sauer Sporting Rifle	.270 Winchester	3.65 kg	4	\$1476
Colt-Sauer Sporting Rifle	7mm Remington Magnum	3.65 kg	4	\$1509
Colt-Sauer Sporting Rifle	.30-06 Springfield	3.65 kg	4	\$1721
Colt-Sauer Sporting Rifle	.300 Winchester Magnum	3.65 kg	4	\$2294
Colt-Sauer Sporting Rifle	.300 Weatherby Magnum	3.65 kg	4	\$2407

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Colt-Sauer Sporting Rifle (.25-06)	BA	4	2-Nil	7	4	Nil	65
Colt-Sauer Sporting Rifle (.270)	BA	4	2-3-Nil	7	4	Nil	69
Colt-Sauer Sporting Rifle (7mm)	BA	4	1-2-3	7	4	Nil	86
Colt-Sauer Sporting Rifle (.30-06)	BA	4	2-3-Nil	7	5	Nil	78
Colt-Sauer Sporting Rifle (.300 Winchester)	BA	5	2-3-Nil	7	5	Nil	89
Colt-Sauer Sporting Rifle (.300 Weatherby)	BA	5	1-2-3	7	5	Nil	82

**Colt-Sauer Grand Alaskan/African**

Notes: These two weapons are variants of the Colt-Sauer Sporting Rifle designed to fire heavy, powerful hunting cartridges. They are often found in Alaska and the Western US and Canada. Both are capable of penetrating some light armored vehicles.

Weapon	Ammunition	Weight	Magazines	Price
Grand Alaskan	.300 Weatherby Magnum	3.97 kg	5-Internal	\$2478
Grand Alaskan	.375 H&H Magnum	3.97 kg	5-Internal	\$3314
Grand African	.458 Lott	5.43 kg	5-Internal	\$4463
Grand African	.458 Winchester Magnum	5.43 kg	5-Internal	\$4072

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Grand Alaskan (.300 Weatherby)	BA	5	1-2-3	8	5	Nil	93
Grand Alaskan (.375 Magnum)	BA	6	1-3-5	8	6	Nil	112
Grand African (.458 Lott)	BA	7	2-3-4	9	7	Nil	101
Grand African (.458 Magnum)	BA	7	1-2-3	9	6	Nil	122

**Howa/Axiom Varminter**

Notes: Howa has long manufactured their Model 1500 Varminter rifle, usually selling it through a variety of other companies in the US and elsewhere. One of those import sellers is Legacy Sports; they also sell a version of the Howa 1500 featuring a Knox Industries Axiom stock and a Nikko-Stirling 4-16x44mm Nighteater telescopic sight (included in the price below). This version of the Howa 1500 also features a bull-profile barrel that is free-floating; barrel lengths may be 20 or 24 inches.  
The Knox Axiom stock features a double recoil-reducing design; not only does the pistol grip slide back and forth slightly in relation to the receiver, but the stock itself has a heavy-duty recoil buffer. The stock is polymer and may be had in black or a Mossy Oak Brush camouflage pattern. In 2007, a Montana Camo Prairie Ghost pattern could also be had, but this pattern was discontinued in 2008. The stock has a removable cheekpiece and a thick rubber recoil pad, and is adjustable for length of pull. The stock comes with two sling swivels and several attachment points for the swivels.

Twilight 2000 Notes: This rifle is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Varminter (20" Barrel)	.204 Ruger	4.3 kg	4	\$1068
Varminter (24" Barrel)	.204 Ruger	4.43 kg	4	\$1111
Varminter (20" Barrel)	5.56mm NATO	4.38 kg	4	\$1141
Varminter (24" Barrel)	5.56mm NATO	4.51 kg	4	\$1184
Varminter (20" Barrel)	.22-250 Remington	4.44 kg	4	\$1188
Varminter (24" Barrel)	.22-250 Remington	4.57 kg	4	\$1231
Varminter (20" Barrel)	.243 Winchester	4.6 kg	4	\$1344
Varminter (24" Barrel)	.243 Winchester	4.74 kg	4	\$1386
Varminter (20" Barrel)	7.62mm NATO	5.04 kg	4	\$1775
Varminter (24" Barrel)	7.62mm NATO	5.19 kg	4	\$1818

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Varminter (20", .204)	BA	3	1-Nil	6	2	Nil	57
Varminter (24", .204)	BA	3	1-Nil	7	2	Nil	72
Varminter (20", 5.56mm)	BA	3	1-Nil	6	2	Nil	65
Varminter (24", 5.56mm)	BA	3	1-Nil	7	2	Nil	80
Varminter (20", .22-250)	BA	3	1-Nil	6	2	Nil	60
Varminter (24", .22-250)	BA	3	2-Nil	7	2	Nil	77
Varminter (20", .243)	BA	3	2-Nil	6	2	Nil	61
Varminter (24", .243)	BA	3	2-Nil	7	2	Nil	80
Varminter (20", 7.62mm)	BA	4	2-3-Nil	7	3	Nil	74
Varminter (24", 7.62mm)	BA	4	2-3-Nil	7	3	Nil	96

Beretta 500

Notes: This is basically a Mauser rifle under another name. The basic rifle is a short-action weapon chambered for either .222 Remington or 5.56mm NATO. The Model 501 is chambered for either .243 Winchester or 7.62mm NATO; it has no iron sights, but is drilled and tapped for a telescopic sight. (Further development of this rifle led to the M-501 sniper rifle; see Italian Sniper Rifles.) The Model 502 is chambered for even heavier cartridges. Other rifles in this series are merely variations on these rifles, with differences in the stock or sights. The standard stock for the Model 500 is of the Monte Carlo-style, with a half-length fore-end, and a North American-style cheekpiece. The Model 500DL Deluxe (also known as Custom Grade) is the same, except that the stock is of high-quality walnut with a low hog's back comb, a ventilated rubber recoil pad, checkering on the pistol grip wrist, and a Schnabel tip on the fore-end. (There are also DL versions of the Model 501 and 502.) The Model 500S, 501S, and 502S are simply versions of the standard weapons which have Williams-type adjustable rear iron sights and ramp front sights in addition to the drilling and tapping.

Weapon	Ammunition	Weight	Magazines	Price
Beretta 500	.222 Remington	3.21 kg	5 Internal	\$791
Beretta 500	5.56mm NATO	3.24 kg	5 Internal	\$809
Beretta 501	.243 Winchester	3.52 kg	5 Internal	\$1012
Beretta 501	7.62mm NATO	4.07 kg	5 Internal	\$1445
Beretta 502	.270 Winchester	4.12 kg	5 Internal	\$1482
Beretta 502	7mm Remington Magnum	4.16 kg	5 Internal	\$1521
Beretta 502	.30-06 Springfield	4.4 kg	5 Internal	\$1735
Beretta 502	.375 H&H Magnum	5.69 kg	5 Internal	\$3259
Beretta 500DL	.222 Remington	3.41 kg	5 Internal	\$866
Beretta 500DL	5.56mm NATO	3.44 kg	5 Internal	\$884
Beretta 501DL	.243 Winchester	3.72 kg	5 Internal	\$1087
Beretta 501DL	7.62mm NATO	4.27 kg	5 Internal	\$1520
Beretta 502DL	.270 Winchester	4.32 kg	5 Internal	\$1557
Beretta 502DL	7mm Remington Magnum	4.36 kg	5 Internal	\$1596
Beretta 502DL	.30-06 Springfield	4.6 kg	5 Internal	\$1810
Beretta 502DL	.375 H&H Magnum	5.89 kg	5 Internal	\$3334

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Beretta 500 (.222)	BA	3	1-Nil	6	3	Nil	77
Beretta 500 (5.56mm)	BA	3	1-Nil	6	3	Nil	75
Beretta 501 (.243)	BA	3	2-Nil	7	3	Nil	73
Beretta 501 (7.62mm)	BA	4	2-3-Nil	7	4	Nil	87
Beretta 502 (.270)	BA	4	2-3-Nil	7	4	Nil	70
Beretta 502 (7mm Magnum)	BA	4	1-2-3	7	4	Nil	88
Beretta 502 (.30-06)	BA	4	2-3-Nil	7	4	Nil	80
Beretta 502 (.375)	BA	7	1-3-5	8	5	Nil	102
Beretta 500DL (.222)	BA	3	1-Nil	6	3	Nil	77
Beretta 500DL (5.56mm)	BA	3	1-Nil	6	3	Nil	75
Beretta 501DL (.243)	BA	3	2-Nil	7	3	Nil	73
Beretta 501DL (7.62mm)	BA	4	2-3-Nil	7	4	Nil	87
Beretta 502DL (.270)	BA	4	2-3-Nil	7	4	Nil	70
Beretta 502DL (7mm Magnum)	BA	4	1-2-3	7	4	Nil	88
Beretta 502DL (.30-06)	BA	4	2-3-Nil	7	4	Nil	80
Beretta 502DL (.375)	BA	7	1-3-5	8	5	Nil	102

Beretta Mato

Notes: This bolt-action rifle was introduced in 1998. It is based on the Mauser mechanism, has a walnut stock, with a synthetic stock as an option, and is a descendant of the Model 500 above. The Mato is named after the Dakota word for "bear," and is known for the quality of its construction. The receiver is machined from a single block of high-quality steel, and the extractor has a large claw to ensure trouble-free extraction of spent rounds. This extractor also acts to guide the next round properly into the chamber. The magazine is a removable box, but may also be loaded from the top through the chamber. The barrel is cold-forged for extra strength and durability. The standard trigger is adjustable, but a preset trigger is an option. Variants (identical to the standard version for game purposes) include the Mato Deluxe X-Tra Wood with a select walnut stock chosen for the beauty of its grain, the Mato Extra Deluxe, with a stock made from particularly fine wood and engraving on the receiver and the bottom of the magazine. The Mato is drilled and tapped for a telescopic sight. The Mato may be fitted with a flash suppressor or a muzzle brake, but this will not be covered here.

Twilight 2000 Notes: This rifle does not exist.

Weapon	Ammunition	Weight	Magazines	Price
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<b>Mato</b>	.270 Winchester	3.6 kg	4	\$1466
<b>Mato</b>	.280 Remington	3.66 kg	4	\$1525
<b>Mato</b>	.30-06 Springfield	3.85 kg	4	\$1718
<b>Mato</b>	7mm Remington Magnum	3.65 kg	3	\$1505
<b>Mato</b>	.300 Winchester Magnum	4.12 kg	3	\$2275
<b>Mato</b>	.338 Winchester Magnum	4.32 kg	3	\$2496
<b>Mato</b>	.375 H&H Magnum	4.94 kg	3	\$3219

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Mato (.270)</b>	BA	4	2-3-Nil	7	4	Nil	67
<b>Mato (.280)</b>	BA	4	2-3-Nil	7	4	Nil	69
<b>Mato (.30-06)</b>	BA	4	2-3-Nil	7	4	Nil	76
<b>Mato (7mm)</b>	BA	4	1-2-3	7	4	Nil	84
<b>Mato (.300)</b>	BA	5	2-3-Nil	7	4	Nil	87
<b>Mato (.338)</b>	BA	6	1-3-Nil	7	5	Nil	100
<b>Mato (.375)</b>	BA	7	1-3-5	8	5	Nil	97

### **SAB RGZ-1000**

Notes: This is a simple Mauser-pattern bolt-action hunting rifle. It uses a Monte Carlo stock and is equipped with a set trigger. The stock has contrasting rosewood artwork and is quite finely-made.

Weapon	Ammunition	Weight	Magazines	Price
<b>RGZ-1000</b>	.270 Winchester	3.4 kg	5 Internal	\$1422
<b>RGZ-1000</b>	7mm Brenneke	3.49 kg	5 Internal	\$1511
<b>RGZ-1000</b>	7mm Remington Magnum	3.48 kg	5 Internal	\$1506
<b>RGZ-1000</b>	.300 Winchester Magnum	3.93 kg	5 Internal	\$2276

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>RGZ-1000 (.270)</b>	BA	4	2-3-Nil	7	4	Nil	70
<b>RGZ-1000 (7mm Brenneke)</b>	BA	4	2-3-Nil	7	5	Nil	70
<b>RGZ-1000 (7mm Magnum)</b>	BA	4	1-2-3	7	5	Nil	84
<b>RGZ-1000 (.300 Magnum)</b>	BA	5	2-3-Nil	8	4	Nil	87

### **Sabatti Rover 600**

Notes: This bolt-action rifle is a short-action weapon, designed for relatively small calibers that have short cases. The Rover 600 has a 22-inch barrel and in its standard version has a Williams-type rear leaf sight adjustable for height, and is also drilled and tapped for a telescopic sight mount. The Rover 600 DL is a more deluxe version which comes from the factory with a telescopic sight (the price includes this scope) on a special Sabatti swing mount. The Rover 600 EDL is an even more deluxe version of the DL. (The two are identical for game purposes, the all three shoot the same.) The Rover 600 has a safety catch on the right side which locks both the trigger and bolt. The stock may be walnut or laminated walnut, and may be of standard pistol grip wrist style or with a Monte Carlo, Bavarian, or straight back stock (with or without a cheek plate). There is also a Custom version based on the North American Varmint, which has no iron sights (but is drilled and tapped) and comes in an extended range of chamberings.

Twilight 2000 Notes: This rifle is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
<b>Rover 600</b>	.222 Remington	3.2 kg	5 Internal	\$772
<b>Rover 600</b>	.222 Remington Magnum	3.27 kg	5 Internal	\$818
<b>Rover 600</b>	5.56mm NATO	3.23 kg	5 Internal	\$790
<b>Rover 600</b>	6mm PPC	3.23 kg	5 Internal	\$792
<b>Rover 600</b>	7mm-08 Remington	3.93 kg	5 Internal	\$1261
<b>Rover 600</b>	7.62mm Kalashnikov	3.79 kg	5 Internal	\$1154
<b>Rover 600 DL/EDL</b>	.222 Remington	3.3 kg	5 Internal	\$972
<b>Rover 600 DL/EDL</b>	.222 Remington Magnum	3.37 kg	5 Internal	\$1018
<b>Rover 600 DL/EDL</b>	5.56mm NATO	3.33 kg	5 Internal	\$990
<b>Rover 600 DL/EDL</b>	6mm PPC	3.33 kg	5 Internal	\$992
<b>Rover 600 DL/EDL</b>	7mm-08 Remington	4.03 kg	5 Internal	\$1461
<b>Rover 600 DL/EDL</b>	7.62mm Kalashnikov	3.89 kg	5 Internal	\$1324
<b>Rover 600 Custom</b>	.222 Remington	3.2 kg	5 Internal	\$772
<b>Rover 600 Custom</b>	.222 Remington Magnum	3.27 kg	5 Internal	\$818
<b>Rover 600 Custom</b>	5.56mm NATO	3.23 kg	5 Internal	\$790
<b>Rover 600 Custom</b>	6mm PPC	3.23 kg	5 Internal	\$792

Rover 600 Custom	.243 Winchester	3.53 kg	5 Internal	\$992
Rover 600 Custom	.25-06 Remington	3.9 kg	5 Internal	\$1262
Rover 600 Custom	6.5mm Swedish	3.79 kg	5 Internal	\$1176
Rover 600 Custom	7mm-08 Remington	3.93 kg	5 Internal	\$1261
Rover 600 Custom	7.62mm Kalashnikov	3.79 kg	5 Internal	\$1154
Rover 600 Custom	7.62mm NATO	4.11 kg	5 Internal	\$1422

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Rover 600 (.222 Rem)	BA	3	1-Nil	6	3	Nil	71
Rover 600 (.222 Rem Magnum)	BA	3	1-1-Nil	6	3	Nil	80
Rover 600 (5.56mm)	BA	3	1-Nil	6	3	Nil	70
Rover 600 (6mm)	BA	3	1-1-Nil	6	3	Nil	87
Rover 600 (7mm-08)	BA	4	2-3-Nil	7	4	Nil	77
Rover 600 (7.62mm Kalashnikov)	BA	4	2-3-Nil	7	4	Nil	73
Rover 600 Custom (.222 Rem)	BA	3	1-Nil	6	3	Nil	71
Rover 600 Custom (.222 Rem Magnum)	BA	3	1-1-Nil	6	3	Nil	80
Rover 600 Custom (5.56mm)	BA	3	1-Nil	6	3	Nil	70
Rover 600 Custom (6mm)	BA	3	1-1-Nil	6	3	Nil	87
Rover 600 Custom (.243)	BA	3	2-Nil	6	3	Nil	65
Rover 600 Custom (.25-06)	BA	4	2-Nil	7	4	Nil	57
Rover 600 Custom (6.5mm)	BA	4	2-Nil	7	4	Nil	68
Rover 600 Custom (7mm-08)	BA	4	2-3-Nil	7	4	Nil	77
Rover 600 Custom (7.62mm Kalashnikov)	BA	4	2-3-Nil	7	4	Nil	73
Rover 600 Custom (7.62mm NATO)	BA	4	2-3-Nil	7	4	Nil	79

Sabatti Rover 870

Notes: Parent rifle of the Rover 600, the Rover 870 is designed for longer and large cartridges. Like the Rover 600, it uses a modified Mauser 98 action, and is made with a receiver and bolt of chrome-nickel steel and a barrel of chrome-molybdenum steel. The rifling is cold forged into the barrel. The barrel is very dense and resistant to wear and tear. Unlike the Rover 600, the safety does not lock the bolt; it locks the trigger and firing pin. The Rover 870 is designed for a plethora of cartridges; the barrel length depends upon the caliber, with most calibers using a 22-inch barrel, while magnum chamberings and the .25-06 Remington use a 24-inch barrel. A left-handed version, the Rover 870 Mancini, is also made for all calibers. Other versions include the Rover 870 Battue, which has special sights designed stalking game; the deluxe Rover 870 EDL, with a polished finish and a stock of select walnut root; and the Rover 870 Camo, which has both metal and wood finished in a variety of camouflage patterns depending upon the wished of the customer. All of these are identical to the standard Rover 870 for game purposes.

Twilight 2000 Notes: The Rover 870 Camo is not available in the Twilight 2000 timeline. In addition, the Italian government prohibited the export of these weapons after the start of Italy's involvement in the hostilities.

Weapon	Ammunition	Weight	Magazines	Price
Rover 870	5.6mm RWS	3.46 kg	5 Internal	\$939
Rover 870	6mm Freres	3.73 kg	5 Internal	\$1127
Rover 870	.243 Winchester	3.53 kg	5 Internal	\$992
Rover 870	.25-06 Remington	3.94 kg	5 Internal	\$1282
Rover 870	6.5mm Swedish	3.79 kg	5 Internal	\$1176
Rover 870	6.5x57mm Mauser	3.83 kg	5 Internal	\$1207
Rover 870	6.5x65mm RWS	4.01 kg	5 Internal	\$1349
Rover 870	7mm Remington Magnum	4.23 kg	5 Internal	\$1510
Rover 870	7.62mm NATO	4.11 kg	5 Internal	\$1422
Rover 870	.30-06 Springfield	4.45 kg	5 Internal	\$1703
Rover 870	.300 Winchester Magnum	4.76 kg	5 Internal	\$2277
Rover 870	8mm Mauser	4.43 kg	5 Internal	\$1688
Rover 870	9.3x62mm Mauser	5.23 kg	5 Internal	\$2685
Rover 870	.338 Winchester Magnum	5.01 kg	5 Internal	\$2509

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Rover 870 (5.6mm)	BA	3	1-2-Nil	6	3	Nil	66
Rover 870 (6mm)	BA	3	1-2-Nil	7	4	Nil	67
Rover 870 (.243)	BA	3	2-Nil	6	3	Nil	65
Rover 870 (.25-06)	BA	4	2-Nil	7	4	Nil	65

Rover 870 (6.5mm Swedish)	BA	4	2-Nil	7	4	Nil	68
Rover 870 (6.5mm Mauser)	BA	4	2-Nil	7	4	Nil	66
Rover 870 (6.5mm RWS)	BA	4	1-2-3	7	4	Nil	68
Rover 870 (7mm Rem Magnum)	BA	4	1-2-3	7	4	Nil	86
Rover 870 (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
Rover 870 (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
Rover 870 (.300 Win Magnum)	BA	5	2-3-Nil	7	4	Nil	90
Rover 870 (8mm)	BA	4	2-3-Nil	7	4	Nil	79
Rover 870 (9.3x62mm)	BA	5	2-4-Nil	7	5	Nil	79
Rover 870 (.338 Win Magnum)	BA	5	1-3-Nil	8	5	Nil	103

Uberti Revolver Carbine

Notes: This is not actually a bolt-action rifle, though I have included it here for simple lack of some other place to put it. It is a reproduction of the Colt Revolver Carbine, and is as such a reproduction of a Colt Single-Action revolver with a shoulder stock added and a long 18-inch barrel. The barrel is therefore carbine length, only two inches shorter than a Winchester Carbine of the same period. When Colt first designed the Revolver Carbine, it was intended that it be a buntline with a 16-inch barrel and a skeletonized steel stock, but so many gunsmiths were modifying it with 18-inch barrels and permanently-attached wooden stocks that Colt began building them that way on a permanent basis, forming a sort of *ad hoc* carbine. The reproduction, therefore, will appeal to a limited crowd, those looking for historical accuracy in an unusual weapon. The stock is straight-wristed, with a blued barrel, cylinder, trigger, and trigger guard and color-case hardened frame and hammer. The Revolver Carbine is otherwise a Colt Single Action, and the Uberti version is a faithful reproduction of that weapon. There is no fore-end of any sort, so using it is a bit difficult especially with extended firing.

Weapon	Ammunition	Weight	Magazines	Price
Revolver Carbine	.45 Long Colt	2 kg	6 Cylinder	\$388

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Revolver Carbine	SAR	3	1-Nil	5	4	Nil	60



Howa 1500

Notes: This bolt-action hunting rifle was also sold in the US as the Weatherby Vanguard. It is a standard sort of sporting rifle, with a wooden half-stock and a cheek swell in the stock. Variations of note include the Model 1500 Extra Deluxe, with a heavy barrel; and the Model 1500 Synthetic, with a synthetic stock, as well as a shorter barrel.

Weapon	Ammunition	Weight	Magazines	Price
Howa 1500	.22-250 Remington	3.11 kg	5 Internal	\$860
Howa 1500	.243 Winchester	3.3 kg	5 Internal	\$1016
Howa 1500	.25-06 Remington	3.59 kg	5 Internal	\$1288
Howa 1500	.270 Winchester	3.54 kg	5 Internal	\$1243
Howa 1500	.30-06 Springfield	4.21 kg	5 Internal	\$1731
Howa 1500 Extra Deluxe	.22-250 Remington	3.12 kg	5 Internal	\$866
Howa 1500 Extra Deluxe	.243 Winchester	3.32 kg	5 Internal	\$1023
Howa 1500 Extra Deluxe	.300 Weatherby Magnum	4.65 kg	5 Internal	\$2435
Howa 1500 Extra Deluxe	.338 Winchester Magnum	4.74 kg	5 Internal	\$2537
Howa 1500 Synthetic	5.56mm NATO	3.08 kg	5 Internal	\$782
Howa 1500 Synthetic	.243 Winchester	3.28 kg	5 Internal	\$985
Howa 1500 Synthetic	.270 Winchester	3.5 kg	5 Internal	\$1211
Howa 1500 Synthetic	7mm Remington Magnum	3.74 kg	5 Internal	\$1484
Howa 1500 Synthetic	7.62mm NATO	3.68 kg	5 Internal	\$1416
Howa 1500 Synthetic	.30-06 Springfield	3.92 kg	5 Internal	\$1698

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Howa 1500 (.22-250)	BA	3	1-Nil	7	3	Nil	73
Howa 1500 (.243)	BA	3	2-Nil	7	3	Nil	74
Howa 1500 (.25-06)	BA	4	2-Nil	7	4	Nil	65
Howa 1500 (.270)	BA	4	2-3-Nil	7	4	Nil	85
Howa 1500 (.30-06)	BA	4	2-3-Nil	8	4	Nil	78
Howa 1500 Extra Deluxe (.22-250)	BA	3	1-Nil	7	3	Nil	75
Howa 1500 Extra Deluxe (.243)	BA	3	2-Nil	7	3	Nil	77
Howa 1500 Extra Deluxe (.300)	BA	5	1-2-3	8	4	Nil	85

Howa 1500 Extra Deluxe (.338)	BA	6	1-3-Nil	8	5	Nil	106
Howa 1500 Synthetic (5.56mm)	BA	3	1-Nil	6	3	Nil	61
Howa 1500 Synthetic (.243)	BA	3	2-Nil	6	3	Nil	57
Howa 1500 Synthetic (.270)	BA	4	2-Nil	6	4	Nil	65
Howa 1500 Synthetic (7mm Magnum)	BA	4	1-2-3	6	4	Nil	65
Howa 1500 Synthetic (7.62mm)	BA	4	2-3-Nil	6	4	Nil	68
Howa 1500 Synthetic (.30-06)	BA	4	2-3-Nil	7	4	Nil	59

Howa 1500 Thumbhole Varminter Supreme

Notes: As might be guessed by the name, this is a lightweight rifle designed for firing small-caliber rounds. The rifle is based on a modified Mauser action similar to that of the Remington 700. (It will even take Remington 700 scope rings.) It is simple and easy to maintain, and reasonably accurate. The trigger is adjustable (though it is difficult to do so). The barrel is heavy and target-crowned, but produces only average accuracy. The rifle is drilled and tapped for a scope mount, but has no iron sights. It is also considered excessively heavy by many hunters. It is not an exceptional weapon, but it performs well.

Weapon	Ammunition	Weight	Magazines	Price
Howa 1500	5.56mm NATO	5.22 kg	5	\$811
Howa 1500	.22-250 Remington	5.22 kg	5	\$857
Howa 1500	.243 Winchester	5.22 kg	5	\$1012
Howa 1500	7.62mm NATO	5.22 kg	5	\$1443

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Howa 1500 (5.56mm)	BA	3	1-Nil	7	2	Nil	76
Howa 1500 (.22-250)	BA	3	1-Nil	7	2	Nil	73
Howa 1500 (.243)	BA	3	2-Nil	7	2	Nil	74
Howa 1500 (7.62mm)	BA	4	2-3-Nil	7	3	Nil	89

Bars-1

Notes: This rifle was created to fire a then-experimental cartridge; this cartridge was simply a 7.62mm Kalashnikov case necked down to take a .22 Long Rifle bullet. The stock was of cheap birch, and the trigger guard was a simple stamped strip. The Bars-1 has a mount for a telescopic sight on the right side of the receiver.

Weapon	Ammunition	Weight	Magazines	Price
Bars-1	5.6mm Kalashnikov	2.7 kg	5 Internal	\$728

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Bars-1	BA	3	1-Nil	6	3	Nil	79

Bars-4/Bars-4-1

Notes: This is a Russian hunting rifle designed for hunting medium and large game birds. They are designed for a wide variety of climate extremes, resistant to dirt and moisture and able to operate in temperatures ranging from -60 to 120 degrees Fahrenheit. The trigger is adjustable, and they are drilled and tapped for a scope mount. This weapon is basically a smaller version of the LOS-7/LOS-7-1.

Twilight 2000 Notes: This weapon did not get out of the Eastern Bloc before the Twilight War, and the 5.56mm NATO versions do not exist.

Weapon	Ammunition	Weight	Magazines	Price
Bars-4	5.45mm Kalashnikov	3 kg	5-Internal	\$714
Bars-4	5.56mm NATO	3 kg	5-Internal	\$790
Bars-4	7.62mm Kalashnikov	3 kg	5-Internal	\$1155
Bars-4-1	5.45mm Kalashnikov	3.2 kg	5	\$713
Bars-4-1	5.56mm NATO	3.2 kg	5	\$789
Bars-4-1	7.62mm Kalashnikov	3.2 kg	5	\$1154

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Bars-4/Bars-4-1 (5.45mm)	BA	3	1-Nil	6	3	Nil	72
Bars-4/Bars-4-1 (5.56mm)	BA	3	1-Nil	6	3	Nil	68
Bars-4/Bars-4-1 (7.62mm)	BA	4	2-3-Nil	6	5	Nil	72

Izhevsk BI-7-2

Notes: This is a magazine-fed rimfire target rifle. The operation is similar to many Anschutz designs. The stock has a deepened fore-end to act as a palm rest, while four extra magazines may be carried on spring clips on the side of the butt. The trigger is adjustable, and the rifle is equipped with an optic sight.

Weapon	Ammunition	Weight	Magazines	Price
BI-7-2	.22 Long Rifle	4.49 kg	5	\$411

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
BI-7-2	BA	1	Nil	5	1	Nil	44

LOS-4

Notes: This rifle was introduced in 1963, and is unusually (for the time) chambered for a Western as well as a Russian cartridge. It is considered an ugly but well-performing rifle, with a rather lumpish stock, stamped trigger guard, and white spacers that tended to yellow quickly. The LOS-4 does have a chromed bore and a cleaning rod beneath the barrel.

Weapon	Ammunition	Weight	Magazines	Price
LOS-4	7.62mm NATO	3.3 kg	5 Internal	\$1443
LOS-4	9.3mm Russian	3.98 kg	5 Internal	\$2495

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
LOS-4 (7.62mm)	BA	4	2-3-Nil	7	5	Nil	87
LOS-4 (9.3mm)	BA	5	2-4-Nil	8	6	Nil	87

LOS-7/LOS-7-1

Notes: These are Russian hunting rifles designed for medium and large game. They were designed for climate extremes, and will operate properly in temperatures ranging from -60 to 120 degrees Fahrenheit. They are drilled and tapped for a scope, the trigger pull is adjustable. The LOS-7 is the standard rifle, while the LOS-7-1 is magazine fed.

Twilight 2000 Notes: These weapons were often brought along by Russian troops operating in Siberia, Scandinavia, and Alaska, due to good performance in cold weather. The version firing 7.62mm Nagant exists only in the Twilight 2000 World.

Weapon	Ammunition	Weight	Magazines	Price
LOS-7	7.62mm NATO	3.2 kg	5-Internal	\$1425
LOS-7	7.62mm Nagant	3.2 kg	5-Internal	\$1500
LOS-7-1	7.62mm NATO	3.5 kg	5	\$1423
LOS-7-1	7.62mm Nagant	3.5 kg	5	\$1498

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
LOS-7/LOS-7-1 (7.62mm NATO)	BA	4	2-3-Nil	7	5	Nil	77
LOS-7 (7.62mm Nagant)	BA	4	2-3-Nil	7	5	Nil	77
LOS-7-1 (7.62mm NATO)	BA	4	2-3-Nil	7	4	Nil	77
LOS-7-1 (7.62mm Nagant)	BA	4	2-3-Nil	7	4	Nil	77

Maral

Notes: This is a Russian sporting rifle intended for medium and large game. It features an adjustable trigger. The basic Maral is a standard layout rifle, and the Maral-1 has a thumbhole stock. Both are drilled and tapped for a scope mount.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Maral	7.62mm NATO	3.4 kg	5	\$1417

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Maral	BA	4	2-3-Nil	7	4	Nil	74

**Margolin MVO-1**

Notes: This is a Russian target rifle, designed in 1963, which may be regarded as a perfected version of the disastrous Canadian Ross rifle (see Canadian Battle Rifles). The weapon has a birch half-stock with a cheekpiece, and a fluted fore-end to help save weight and give the shooter something more to grip. The rear sight is micro-adjustable.

Weapon	Ammunition	Weight	Magazines	Price
MVO-1	5.6mm Kalashnikov	4.45 kg	3	\$779

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
MVO-1	BA	3	1-Nil	7	2	Nil	98

**Mosin-Nagant BI-7.62**

Notes: This is basically a Mosin-Nagant 1891/30 or 1917 turned into a biathlon rifle. The BI-7.62 had a pistol grip stock instead of a straight stock, checkering on the fore-end and pistol grip, and a revised bolt handle shape to make it easier to manipulate. A hollow in the butt allowed two stripper clips to be carried. An optic sight was mounted to the side of the receiver.

Weapon	Ammunition	Weight	Magazines	Price
BI-7.62	7.62mm Nagant	4.6 kg	5 Clip	\$1684

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
BI-7.62	BA	4	2-3-Nil	8	4	Nil	98

**Sobol**

Notes: This is a rifle often used for varmint shooting and by minors in Russia. It is basically a scaled down version of the Maral sporting rifle. It is well adjusted to the extremes of heat and cold in Russia, and has an adjustable trigger. The stock is partially hollow and can hold two magazines. It is drilled and tapped for a scope mount.

Weapon	Ammunition	Weight	Magazines	Price
Sobol	.22 Long Rifle	3 kg	5	\$261

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range

Sobol	BA	1	Nil	5	1	Nil	44
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TOZ-78

Notes: This rimfire carbine was introduced in 2000, and is a simple bolt-action weapon which is easy to use and maintain. The trigger mechanism, primary safety mechanism, and magazine well are made in one piece of light alloy. The TOZ-78 also has an indicator which tells the shooter whether his weapon’s firing pin is cocked. The rear sight is a simple fixed leaf, and the front sight is a protected bead; the TOZ-78 is also grooved with dovetails for a scope mount. The stock is of birch or beech, but a deluxe version exists with a stock of select walnut root and silver-inlaid engraving on the receiver.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
TOZ-78	.22 Long Rifle	2.7 kg	5, 10	\$275

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
TOZ-78	BA	1	Nil	5	1	Nil	47

TOZ-109

Notes: This is a simple, basic bolt-action hunting rifle designed to be easy to shoot and take care of. The TOZ-109 is magazine-fed. The folding rear leaf sight is not considered to be very good, but it is adequate for up to mid-range shots, and the TOZ-109 is really meant to be used at long range with telescopic sights. This means that the TOZ-109 is, of course, drilled and tapped for a telescopic sight mount. The standard version uses a beech or birch stock. A deluxe version exists; this version has a walnut stock which is carved with intricate artwork, and an engraved receiver. An interesting note is that the primary caliber is considered to be 7.62mm NATO; the TOZ-109 may have been built primarily for export.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
TOZ-109	7.62mm Kalashnikov	3.04 kg	7	\$1136
TOZ-109	7.62mm NATO	3.3 kg	7	\$1403
TOZ-109	7.62mm Nagant	3.4 kg	7	\$1478

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
TOZ-109 (7.62mm Kalashnikov)	BA	4	2-3-Nil	6	5	Nil	67
TOZ-109 (7.62mm NATO)	BA	4	2-3-Nil	6	4	Nil	70
TOZ-109 (7.62mm Nagant)	BA	4	2-3-Nil	7	4	Nil	70



**Zastava LK M-70**

Notes: Most Serbian bolt-action rifles are clones, near-clones, or based on the World War 2 German Kar-98 battle rifle; these rifles follow that rule for the most part. The base rifle of this series, the LK M-70 Standard, is for the most part a Kar-98 firing a wider selection of chamberings and having a deeper pistol grip wrist. The sights are in the scout position, and the bolt and bore are chromed; there are a total of three sling swivels on the Standard, one at the front of the fore-end, one at the mid-point of the bottom of the stock, and one on the base of the pistol grip wrist. The barrel is 23.6 inches and has a raised, pocketed front sight on it. It has an ebony tip to the fore-end.

The LK M-70 American is very similar, but has a heavy-profile stainless steel barrel one inch longer tipped with target crown, along with a butt that has a recoil pad. It has no iron sights. The LK M-70 Battue has a recoil pad on the butt (red instead of black, and ventilated), a ventilated sighting rib, and a greatly-raised front sight to clear the sighting rib. (The sighting rib doubles as the rear sight.) It has an ebony tip to the fore-end. The barrel is match-quality and the Battue has a target crown, but the barrel is 22.6 inches long. The LK M-70 Mannlicher has, as the name suggests, a full Mannlicher stock. It is shorter, with a 20.08-inch barrel with a blued finish and sights in the scout position. Unusually, the bolt handle is of stainless steel, and it has double set triggers.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Standard	.22-250 Remington	3.6 kg	5	\$854
M-70 Standard	6mm Remington	3.6 kg	5	\$1074
M-70 Standard	6.5x57mm Mauser	3.6 kg	5	\$1223
M-70 Standard	7mm Mauser	3.6 kg	5	\$1377
M-70 Standard	8mm Mauser	3.6 kg	5	\$1706
M-70 Standard	.270 Winchester	3.6 kg	5	\$1467
M-70 Standard	7x64mm Brenneke	3.6 kg	5	\$1511
M-70 Standard	.30-06 Springfield	3.6 kg	5	\$1719
M-70 Standard	.25-06 Remington	3.6 kg	5	\$1278
M-70 Standard	6.5mm Swedish	3.6 kg	5	\$1193
M-70 Standard	9.3x62mm Mauser	3.6 kg	5	\$2735
M-70 Standard	.243 Winchester	3.6 kg	4	\$985
M-70 Standard	7.62mm NATO	3.6 kg	4	\$1438
M-70 Standard	.264 Winchester Magnum	3.6 kg	3	\$1348
M-70 Standard	7mm Remington Magnum	3.6 kg	3	\$1506
M-70 Standard	.300 Winchester Magnum	3.6 kg	3	\$2278
M-70 Standard	.375 H&H Magnum	3.6 kg	3	\$3222
M-70 Standard	.458 Winchester Magnum	3.6 kg	3	\$3981
M-70 American	.22-250 Remington	3.63 kg	5	\$943
M-70 American	6mm Remington	3.63 kg	5	\$1167
M-70 American	6.5x57mm Mauser	3.63 kg	5	\$1318
M-70 American	7mm Mauser	3.63 kg	5	\$1475
M-70 American	8mm Mauser	3.63 kg	5	\$1809
M-70 American	.270 Winchester	3.63 kg	5	\$1566
M-70 American	7x64mm Brenneke	3.63 kg	5	\$1600
M-70 American	.30-06 Springfield	3.63 kg	5	\$1808
M-70 American	.25-06 Remington	3.63 kg	5	\$1367
M-70 American	6.5mm Swedish	3.63 kg	5	\$1282
M-70 American	9.3x62mm Mauser	3.63 kg	5	\$2851
M-70 American	.243 Winchester	3.63 kg	4	\$1098
M-70 American	7.62mm NATO	3.63 kg	4	\$1527
M-70 American	.264 Winchester Magnum	3.63 kg	3	\$1437
M-70 American	7mm Remington Magnum	3.63 kg	3	\$1537
M-70 American	.300 Winchester Magnum	3.63 kg	3	\$2394
M-70 American	.375 H&H Magnum	3.63 kg	3	\$3339
M-70 American	.458 Winchester Magnum	3.63 kg	3	\$4098
M-70 Battue	.22-250 Remington	3.58 kg	5	\$922
M-70 Battue	6mm Remington	3.58 kg	5	\$1143
M-70 Battue	6.5x57mm Mauser	3.58 kg	5	\$1291
M-70 Battue	7mm Mauser	3.58 kg	5	\$1445
M-70 Battue	8mm Mauser	3.58 kg	5	\$1775
M-70 Battue	.270 Winchester	3.58 kg	5	\$1535
M-70 Battue	7x64mm Brenneke	3.58 kg	5	\$1579
M-70 Battue	.30-06 Springfield	3.58 kg	5	\$1787
M-70 Battue	.25-06 Remington	3.58 kg	5	\$1737
M-70 Battue	6.5mm Swedish	3.58 kg	5	\$1261

M-70 Battue	9.3x62mm Mauser	3.58 kg	5	\$2790
M-70 Battue	.243 Winchester	3.58 kg	4	\$1077
M-70 Battue	7.62mm NATO	3.58 kg	4	\$1507
M-70 Battue	.264 Winchester Magnum	3.58 kg	3	\$1117
M-70 Battue	7mm Remington Magnum	3.58 kg	3	\$1574
M-70 Battue	.300 Winchester Magnum	3.58 kg	3	\$2332
M-70 Battue	.375 H&H Magnum	3.58 kg	3	\$3277
M-70 Battue	.458 Winchester Magnum	3.58 kg	3	\$4018
M-70 Mannlicher	.22-250 Remington	3.5 kg	5	\$896
M-70 Mannlicher	6mm Remington	3.5 kg	5	\$1117
M-70 Mannlicher	6.5x57mm Mauser	3.5 kg	5	\$1265
M-70 Mannlicher	7mm Mauser	3.5 kg	5	\$1419
M-70 Mannlicher	8mm Mauser	3.5 kg	5	\$1748
M-70 Mannlicher	.270 Winchester	3.5 kg	5	\$1792
M-70 Mannlicher	7x64mm Brenneke	3.5 kg	5	\$1553
M-70 Mannlicher	.30-06 Springfield	3.5 kg	5	\$1761
M-70 Mannlicher	.25-06 Remington	3.5 kg	5	\$1320
M-70 Mannlicher	6.5mm Swedish	3.5 kg	5	\$1235
M-70 Mannlicher	9.3x62mm Mauser	3.5 kg	5	\$2711
M-70 Mannlicher	.243 Winchester	3.5 kg	4	\$1051
M-70 Mannlicher	7.62mm NATO	3.5 kg	4	\$1480
M-70 Mannlicher	.264 Winchester Magnum	3.5 kg	3	\$1390
M-70 Mannlicher	7mm Remington Magnum	3.5 kg	3	\$1578
M-70 Mannlicher	.300 Winchester Magnum	3.5 kg	3	\$2254
M-70 Mannlicher	.375 H&H Magnum	3.5 kg	3	\$3198
M-70 Mannlicher	.458 Winchester Magnum	3.5 kg	3	\$3958

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Standard (.22-250)	BA	3	1-Nil	7	3	Nil	72
M-70 Standard (6mm)	BA	3	1-2-Nil	7	4	Nil	81
M-70 Standard (6.5x57mm)	BA	4	2-Nil	7	4	Nil	73
M-70 Standard (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	78
M-70 Standard (8mm Mauser)	BA	4	2-3-Nil	7	5	Nil	88
M-70 Standard (.270)	BA	4	2-3-Nil	7	4	Nil	68
M-70 Standard (7x64mm)	BA	4	1-2-3	7	4	Nil	70
M-70 Standard (.30-06)	BA	4	2-3-Nil	7	5	Nil	77
M-70 Standard (.25-06)	BA	4	1-2-Nil	7	4	Nil	77
M-70 Standard (6.5mm Swedish)	BA	4	2-Nil	7	4	Nil	76
M-70 Standard (9.3x62mm)	BA	5	2-4-Nil	8	6	Nil	89
M-70 Standard (.243)	BA	3	2-Nil	7	3	Nil	72
M-70 Standard (7.62mm)	BA	4	2-3-Nil	7	4	Nil	88
M-70 Standard (.264)	BA	4	1-2-3	7	4	Nil	78
M-70 Standard (7mm Mag)	BA	4	1-2-3	7	4	Nil	84
M-70 Standard	BA	5	1-2-3	7	5	Nil	87

(.300)							
M-70 Standard (.375)	BA	7	1-3-5	8	6	Nil	107
M-70 Standard (.458)	BA	7	1-3-5	8	7	Nil	106
M-70 American (.22-250)	BA	3	2-Nil	7	2	Nil	77
M-70 American (6mm)	BA	3	1-2-Nil	7	3	Nil	88
M-70 American (6.5x57mm)	BA	4	2-3-Nil	7	4	Nil	80
M-70 American (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	85
M-70 American (8mm Mauser)	BA	4	2-3-Nil	7	4	Nil	96
M-70 American (.270)	BA	4	2-3-Nil	7	4	Nil	73
M-70 American (7x64mm)	BA	4	1-2-3	7	4	Nil	91
M-70 American (.30-06)	BA	4	2-3-Nil	8	4	Nil	83
M-70 American (.25-06)	BA	4	1-2-3	7	4	Nil	83
M-70 American (6.5mm Swedish)	BA	4	2-Nil	7	4	Nil	82
M-70 American (9.3x62mm)	BA	5	2-4-Nil	8	5	Nil	96
M-70 American (.243)	BA	3	2-Nil	7	3	Nil	79
M-70 American (7.62mm)	BA	4	2-3-Nil	7	4	Nil	95
M-70 American (.264)	BA	4	1-2-3	7	4	Nil	85
M-70 American (7mm Mag)	BA	4	1-2-3	7	4	Nil	90
M-70 American (.300)	BA	5	1-2-3	8	5	Nil	95
M-70 American (.375)	BA	7	1-3-5	8	5	Nil	117
M-70 American (.458)	BA	8	1-3-5	9	6	Nil	115
M-70 Battue (.22-250)	BA	3	1-Nil	6	2	Nil	69
M-70 Battue (6mm)	BA	3	1-2-Nil	7	3	Nil	77
M-70 Battue (6.5x57mm)	BA	4	2-Nil	7	4	Nil	70
M-70 Battue (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	75
M-70 Battue (8mm Mauser)	BA	4	2-3-Nil	7	4	Nil	85
M-70 Battue (.270)	BA	4	2-3-Nil	7	4	Nil	65
M-70 Battue (7x64mm)	BA	4	1-2-3	7	4	Nil	81
M-70 Battue (.30-06)	BA	4	2-3-Nil	7	4	Nil	73
M-70 Battue (.25-06)	BA	4	1-2-3	7	4	Nil	73
M-70 Battue (6.5mm Swedish)	BA	4	2-Nil	7	4	Nil	73
M-70 Battue	BA	4	2-4-Nil	8	5	Nil	85.

(9.3x62mm)							
M-70 Battue (.243)	BA	3	2-Nil	7	3	Nil	70
M-70 Battue (7.62mm)	BA	4	2-Nil	7	4	Nil	84
M-70 Battue (.264)	BA	3	1-2-Nil	7	3	Nil	64
M-70 Battue (7mm Mag)	BA	4	1-2-3	7	4	Nil	81
M-70 Battue (.300)	BA	5	1-2-3	7	4	Nil	84
M-70 Battue (.375)	BA	6	1-3-Nil	8	5	Nil	103
M-70 Battue (.458)	BA	7	1-3-5	8	6	Nil	102
M-70 Mannlicher (.22-250)	BA	3	1-Nil	6	2	Nil	58
M-70 Mannlicher (6mm)	BA	3	1-2-Nil	6	3	Nil	65
M-70 Mannlicher (6.5x57mm)	BA	4	2-Nil	6	4	Nil	59
M-70 Mannlicher (7mm Mauser)	BA	4	2-3-Nil	6	4	Nil	63
M-70 Mannlicher (8mm Mauser)	BA	4	2-3-Nil	7	4	Nil	71
M-70 Mannlicher (.270)	BA	4	2-3-Nil	7	4	Nil	54
M-70 Mannlicher (7x64mm)	BA	4	1-2-3	7	4	Nil	67
M-70 Mannlicher (.30-06)	BA	4	2-3-Nil	7	4	Nil	61
M-70 Mannlicher (.25-06)	BA	4	1-2-Nil	6	4	Nil	61
M-70 Mannlicher (6.5mm Swedish)	BA	3	2-Nil	6	4	Nil	61
M-70 Mannlicher (9.3x62mm)	BA	5	2-4-Nil	7	5	Nil	71
M-70 Mannlicher (.243)	BA	3	2-Nil	6	3	Nil	59
M-70 Mannlicher (7.62mm)	BA	4	2-3-Nil	7	4	Nil	71
M-70 Mannlicher (.264)	BA	4	1-2-Nil	6	4	Nil	62
M-70 Mannlicher (7mm Mag)	BA	4	1-2-3	7	4	Nil	67
M-70 Mannlicher (.300)	BA	5	1-2-3	7	4	Nil	70
M-70 Mannlicher (.375)	BA	6	1-3-Nil	7	5	Nil	85
M-70 Mannlicher (.458)	BA	7	1-3-5	8	6	Nil	85

**Zastava LK M-85**

Notes: The LK M-85 Standard is derivative of the M-70, but if anything is lighter than the M-70, and it does use smaller calibers. The 20.08-inch barrel is essentially unremarkable, though it does have a target crown. The sights are in the scout position, though it is grooved and tapped for a scope mount. The Mannlicher is, as the name indicates, equipped with a Mannlicher stock; it has an 18.11-inch barrel. Both use select walnut for their stocks.

The CZ-99 essentially the same rifle as the Standard, but is designed as a varmint rifle, and available only in rimfire chamberings. It's barrel is heavy and match-quality, and the 22.05-inch barrel is specially-bedded and has a target crown. They also have select walnut stocks.

Weapon	Ammunition	Weight	Magazines	Price
M-85 Standard	.22 Hornet	2.8 kg	5	\$731
M-85 Standard	.222 Remington	2.8 kg	5	\$829
M-85 Standard	5.56mm NATO	2.8 kg	5	\$847

M-85 Standard	.222 Remington Magnum	2.8 kg	5	\$875
M-85 Standard	.22-250 Remington	2.8 kg	5	\$894
M-85 Standard	7.62mm Kalashnikov	2.8 kg	5	\$1211
M-85 Mannlicher	.22 Hornet	2.7 kg	5	\$709
M-85 Mannlicher	.222 Remington	2.7 kg	5	\$808
M-85 Mannlicher	5.56mm NATO	2.7 kg	5	\$827
M-85 Mannlicher	.222 Magnum	2.7 kg	5	\$855
M-85 Mannlicher	.22-250 Remington	2.7 kg	5	\$874
M-85 Mannlicher	7.62mm Kalashnikov	2.7 kg	5	\$1191
CZ-99	.22 Long Rifle	2.8 kg	5	\$373
CZ-99	.22 Winchester Magnum Rimfire	2.8 kg	5	\$405
CZ-99	.17 Hornady Magnum Rimfire	2.8 kg	5	\$522

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-85 Standard (.22)	BA	3	1-Nil	6	3	Nil	65
M-85 Standard (.222)	BA	3	1-Nil	6	3	Nil	64
M-85 Standard (5.56mm)	BA	3	1-Nil	6	3	Nil	62
M-85 Standard (.222 Mag)	BA	3	1-1-Nil	6	3	Nil	71
M-85 Standard (.22-250)	BA	3	1-Nil	6	3	Nil	57
M-85 Standard (7.62mm)	BA	3	2-3-Nil	6	4	Nil	67
M-85 Mannlicher (.22)	BA	3	1-Nil	5	3	Nil	58
M-85 Mannlicher (.222)	BA	3	1-Nil	6	3	Nil	55
M-85 Mannlicher (5.56mm)	BA	3	1-Nil	6	3	Nil	53
M-85 Mannlicher (.222 Mag)	BA	3	1-1-Nil	6	3	Nil	61
M-85 Mannlicher (.22-250)	BA	3	1-Nil	6	3	Nil	49
M-85 Mannlicher (7.62mm)	BA	4	2-Nil	6	4	Nil	60
CZ-99 (.22 LR)	BA	1	Nil	5	1	Nil	52
CZ-99 (.22 WMR)	BA	1	Nil	6	1	Nil	68
CZ-99 (.17 HMR)	BA	2	1-Nil	6	1	Nil	68

Musgrave Model 90

Notes: This is a rifle from a company established in the 1950s to produce hunting and target rifles for South Africans. They are based on the Mauser action, strengthened to take powerful calibers. There are four versions: the Standard , the Deluxe (the same as the standard except for the quality of the wood), the Light (the same, but with a shorter barrel), and the Magnum 92, built for Magnum calibers and fitted with a cheekpiece and recoil pad).

Weapon	Ammunition	Weight	Magazines	Price
Model 90 Standard	.243 Winchester	4.2 kg	4 Internal	\$1013
Model 90 Standard	.270 Winchester	4.2 kg	4 Internal	\$1471
Model 90 Standard	7.62mm NATO	4.2 kg	4 Internal	\$1443
Model 90 Standard	.30-06 Springfield	4.2 kg	4 Internal	\$1723
Model 90 Standard	7mm Mauser	4.2 kg	4 Internal	\$1381
Model 90 Standard	7x64mm Brenneke	4.2 kg	4 Internal	\$1515
Model 90 Light	.243 Winchester	3.2 kg	4 Internal	\$989
Model 90 Light	.270 Winchester	3.2 kg	4 Internal	\$1447
Model 90 Light	7.62mm NATO	3.2 kg	4 Internal	\$1419
Model 90 Light	.30-06 Springfield	3.2 kg	4 Internal	\$1699
Model 90 Light	7mm Mauser	3.2 kg	4 Internal	\$1357
Model 90 Light	7x64mm Brenneke	3.2 kg	4 Internal	\$1491
Model 92 Magnum	7mm Remington Magnum	3.66 kg	4 Internal	\$1510
Model 92 Magnum	.300 Winchester Magnum	3.66 kg	4 Internal	\$2268
Model 92 Magnum	.375 H&H Magnum	3.66 kg	4 Internal	

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 90 Standard (.243)	BA	3	2-Nil	7	3	Nil	74
Model 90 Standard (.270)	BA	4	2-3-Nil	7	4	Nil	69
Model 90 Standard (7.62mm)	BA	4	2-3-Nil	7	4	Nil	90
Model 90 Standard (.30-06)	BA	4	2-3-Nil	7	4	Nil	78
Model 90 Standard (7mm)	BA	4	2-3-Nil	7	4	Nil	80
Model 90 Standard (7x64mm)	BA	4	2-3-Nil	7	4	Nil	71
Model 90 Light (.243)	BA	3	2-Nil	6	3	Nil	64
Model 90 Light (.270)	BA	4	2-3-Nil	7	5	Nil	59



Model 90 Light (7.62mm)	BA	4	2-3-Nil	7	5	Nil	77
Model 90 Light (.30-06)	BA	4	2-3-Nil	7	5	Nil	67
Model 90 Light (7mm)	BA	4	2-3-Nil	7	5	Nil	68
Model 90 Light (7x64mm)	BA	4	2-3-Nil	7	5	Nil	61
Model 92 Magnum (7mm)	BA	4	1-2-3	7	4	Nil	86
Model 92 Magnum (.300)	BA	5	2-3-Nil	7	5	Nil	89
Model 92 Magnum (.375)	BA	7	1-3-5	8	6	Nil	99

FFV Model 2000

Notes: This is a short-throw bolt-action rifle introduced in 1991. The trigger is adjustable. It is otherwise very similar to the HVA Model 8000 below.

Weapon	Ammunition	Weight	Magazines	Price
Model 2000	.243 Winchester	2.93 kg	3 Internal	\$1016
Model 2000	6.5mm Swedish	3.11 kg	3 Internal	\$1201
Model 2000	.270 Winchester	3.36 kg	3 Internal	\$1477
Model 2000	7mm Remington Magnum	3.4 kg	3 Internal	\$1516
Model 2000	7mm Brenneke	3.4 kg	3 Internal	\$1521
Model 2000	.30-06 Springfield	3.68 kg	3 Internal	\$1730
Model 2000	7.62mm NATO	3.43 kg	3 Internal	\$1448

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 2000 (.243)	BA	3	2-Nil	7	3	Nil	74
Model 2000 (6.5mm)	BA	4	2-Nil	7	5	Nil	77
Model 2000 (.270)	BA	4	2-3-Nil	7	5	Nil	69
Model 2000 (7mm Magnum)	BA	4	1-2-3	7	5	Nil	86
Model 2000 (7mm Brenneke)	BA	4	2-3-Nil	7	5	Nil	71
Model 2000 (.30-06)	BA	4	2-3-Nil	7	5	Nil	78
Model 2000 (7.62mm)	BA	4	2-3-Nil	7	5	Nil	89

HVA Sporting Rifle

Notes: Also known as the Carl Gustav Sporting Rifle, the HVA is a highly-modified Mauser-pattern rifle known for its ultra-smooth action. These rifles were originally built by Husqvarna in 1969, but this later passed to FFV. The Sporter (also known as the Swede in the US) has a plain stock with either a straight comb or Monte Carlo comb. The Magnum is a version of the Sporter that, of course, fires magnum cartridges, and in addition has a recoil pad on the butt. The Model 8000 (the base model) fires a good selection of cartridges, and is drilled and tapped for a telescopic sight; it is also known as the Grade III pattern. The Model 9000 is identical for game purposes, but is a simpler form of the Model 8000, and is also known as the Grade II pattern. The Varmint-Target Model (also known as the V-T) fires smaller-caliber rounds, and a floating heavy barrel, as well as an adjustable trigger.

Weapon	Ammunition	Weight	Magazines	Price
HVA Model 8000	6.5mm Swedish	4.29 kg	5 Internal	\$1231
HVA Model 8000	.270 Winchester	4.65 kg	5 Internal	\$1507
HVA Model 8000	7mm Remington Magnum	4.7 kg	5 Internal	\$1547
HVA Model 8000	.300 Winchester Magnum	5.33 kg	5 Internal	\$2386

HVA Model 8000	.30-06 Springfield	5 kg	5 Internal	\$1761
HVA Model 8000	9.3mm Mauser	5.89 kg	5 Internal	\$2846
HVA Sporter	.22-250 Remington	3.76 kg	5 Internal	\$860
HVA Sporter	.243 Winchester	4 kg	5 Internal	\$1016
HVA Sporter	.25-06 Remington	4.39 kg	5 Internal	\$1288
HVA Sporter	6.5mm Swedish	4.22 kg	5 Internal	\$1201
HVA Sporter	.270 Winchester	4.57 kg	5 Internal	\$1477
HVA Sporter	7mm Brenneke	4.62 kg	5 Internal	\$1522
HVA Sporter	.30-06 Springfield	4.92 kg	5 Internal	\$1731
HVA Sporter	7.62mm NATO	4.59 kg	5 Internal	\$1449
HVA Sporter	9.3mm Mauser	5.79 kg	4 Internal	\$2756
HVA Magnum	7mm Remington Magnum	4.72 kg	4 Internal	\$1592
HVA Magnum	.300 Winchester Magnum	5.32 kg	3 Internal	\$2371
HVA Varmint-Target	.222 Remington	4 kg	6 Internal	\$834
HVA Varmint-Target	.22-250 Remington	4.11 kg	5 Internal	\$900
HVA Varmint Target	.243 Winchester	4.36 kg	5 Internal	\$1056
HVA Varmint-Target	6.5mm Swedish	4.64 kg	5 Internal	\$1241

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
HVA Model 8000 (6.5mm)	BA	4	2-3-Nil	8	4	Nil	91
HVA Model 8000 (.270)	BA	4	2-3-Nil	8	4	Nil	82
HVA Model 8000 (7mm Magnum)	BA	4	1-2-3	8	4	Nil	102
HVA Model 8000 (.300)	BA	5	1-2-3	8	4	Nil	106
HVA Model 8000 (.30-06)	BA	4	2-3-Nil	8	4	Nil	93
HVA Model 8000 (9.3mm)	BA	5	2-4-Nil	8	5	Nil	107
HVA Sporter (.22-250)	BA	3	1-Nil	7	3	Nil	73
HVA Sporter (.243)	BA	3	2-Nil	7	3	Nil	74
HVA Sporter (.25-06)	BA	4	2-Nil	7	4	Nil	65
HVA Sporter (6.5mm)	BA	4	2-Nil	7	4	Nil	77

HVA Sporter (.270)	BA	4	2-3-Nil	7	4	Nil	69
HVA Sporter (7mm Brenneke)	BA	4	2-3-Nil	7	4	Nil	71
HVA Sporter (.30-06)	BA	4	2-3-Nil	8	4	Nil	78
HVA Sporter (7.62mm)	BA	4	2-3-Nil	7	4	Nil	89
HVA Sporter (9.3mm)	BA	5	2-4-Nil	8	5	Nil	90
HVA Magnum (7mm Magnum)	BA	4	1-2-3	7	3	Nil	86
HVA Magnum (.300)	BA	5	2-3-Nil	8	3	Nil	90
HVA V-T (.222)	BA	3	2-Nil	7	3	Nil	91
HVA V-T (.22-250)	BA	3	2-Nil	7	3	Nil	85
HVA V-T (.243)	BA	3	2-Nil	8	4	Nil	89
HVA V-T (6.5mm)	BA	4	2-3-Nil	8	4	Nil	95

### Alpha Arms Model 1

Notes: This rifle was made by a Texas company in small numbers. The rifles were basically specifically built for the customer, and could be made in virtually any caliber imaginable, and with any barrel length from 20-24 inches. They could be in left or right-hand versions. The actions are made from Teflon-coated stainless steel. The Model 1 versions presented below are in the most common barrel-length (20 inches) and in the most common calibers.

The Model 1 Alaskan fires medium and large-caliber rounds. It has a stainless steel 24-inch barrel, a Nitex coating to the action instead of Teflon, and largely laminated-wood stocks (though some synthetic-stocked versions were built to customer request).

Weapon	Ammunition	Weight	Magazines	Price
Model 1	.17 Remington	2.15 kg	4 Internal	\$553
Model 1	.243 Winchester	2.62 kg	4 Internal	\$976
Model 1	7mm-08 Remington	2.86 kg	4 Internal	\$1246
Model 1	7.62mm NATO	3.17 kg	4 Internal	\$1408
Model 1	.458 Winchester Magnum	5.2 kg	4 Internal	\$3888
Model 1 Alaskan	7.62mm NATO	3.68 kg	4 Internal	\$1449
Model 1 Alaskan	.350 Remington Magnum	4.31 kg	4 Internal	\$2480
Model 1 Alaskan	.358 Winchester	4.2 kg	4 Internal	\$2352
Model 1 Alaskan	.458 Winchester Magnum	5.27 kg	4 Internal	\$4010

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 1 (.17)	BA	2	1-Nil	6	3	Nil	46
Model 1 (.243)	BA	3	2-Nil	6	4	Nil	57
Model 1 (7mm-08)	BA	4	2-3-Nil	6	5	Nil	67
Model 1 (7.62mm)	BA	4	2-3-Nil	6	5	Nil	68
Model 1 (.458)	BA	7	1-3-5	8	6	Nil	82
Model 1 Alaskan (7.62mm)	BA	4	2-3-Nil	7	4	Nil	89
Model 1 Alaskan (.350)	BA	6	1-3-Nil	7	5	Nil	108
Model 1 Alaskan (.358)	BA	5	2-4-Nil	7	5	Nil	89
Model 1 Alaskan (.458)	BA	8	1-3-5	8	6	Nil	108

### American Hunting Rifles Safari 550 Series

Notes: American Hunting Rifles Inc. was founded in 1998 by a Montana gunsmith named Ed Plummer. At the time, AHR was primarily engaged in the chambering of a series of powerful wildcat long-action cartridges based on commonly-available brass (primarily that of the .30-06 Springfield and .416 Rigby) designed by Ken Howell. AHR also had the services of other notable gunsmiths and wildcatters, and began to develop even more powerful proprietary cartridges – all of them huge. In addition, AHR began to modify the Czech CZ-550 rifle for use with these new rounds, instead of former offerings based on the Winchester Model 70. Some of those rounds are indeed monsters.

Most of the largest of these rounds are chambered in the Safari 550 DGR (Dangerous Game Rifles). Based upon the CZ-550 American Safari Magnum, AHR also adds dovetailed scope mounts, an improved controlled-feed claw-type extractor, a match-grade chrome-moly steel barrel (floated with glass bedding), and a stock of AA Fancy English Walnut. Tolerances are tightened, including a realigning of the barrel and receiver. The trigger mechanism is single stage, but adjustable. The bolt handle is straightened and moved forward slightly. The iron sights consist of fixed peep sight at the rear of the receiver, a folding leaf-type sight in the “scout” position, and a hooded bead sight with a fiberoptic inlay at the front (except when chambered for .585 AHR or .600 Overkill, which use a ramp front sight with a fiberoptic inlay). Metal surfaces are matte blued. The stock has a 1-inch Pachmayr Decelerator recoil pad on the butt, and the pistol grip wrist and fore-end have 22 lpi checkering. Several options are available, including alternate iron sights, alternate scope mounts, upgraded wood for the stock, upgraded checkering, alternate finishes, a detachable box magazine instead of an internal magazine, alternate barrel lengths (the standard is 25 inches, which is what I have used in the charts below), and a special muzzle brake called an “X-Brake.”

The Safari 550 PGR (Plains Game Rifle, also known as the American Plains Game Rifle or the African Plains Game Rifle) is a smaller brother to the DGR. It is for the most part identical to the DGR (especially in the mechanism, enhancements, and options), but is a smaller, lighter package, using a 23.625-inch barrel as standard. The mix of chamberings is also different, being more limited and for the most part smaller than that of the DGR.

Twilight 2000 Notes: These rifles do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Safari 550 DGR	.375 H&H Magnum	4.53 kg	5 Internal	\$3312
Safari 550 DGR w/Brake	.375 H&H Magnum	4.73 kg	5 Internal	\$3362
Safari 550 DGR	.380 Howell	4.33 kg	5 Internal	\$3074
Safari 550 DGR w/Brake	.380 Howell	4.53 kg	5 Internal	\$3124
Safari 550 DGR	.404 Jeffery	5.05 kg	3 Internal	\$4042
Safari 550 DGR w/Brake	.404 Jeffery	5.25 kg	3 Internal	\$4092

Safari 550 DGR	.416 Howell	4.74 kg	3 Internal	\$3557
Safari 550 DGR w/Brake	.416 Howell	4.94 kg	3 Internal	\$3607
Safari 550 DGR	.416 Remington Magnum	4.99 kg	3 Internal	\$3932
Safari 550 DGR w/Brake	.416 Remington Magnum	5.19 kg	3 Internal	\$3982
Safari 550 DGR	.416 Rigby	5.02 kg	3 Internal	\$3986
Safari 550 DGR w/Brake	.416 Rigby	5.22 kg	3 Internal	\$4036
Safari 550 DGR	.450 AHR	5.33 kg	3 Internal	\$4465
Safari 550 DGR w/Brake	.450 AHR	5.53 kg	3 Internal	\$4516
Safari 550 DGR	.450 Howell	5.12 kg	3 Internal	\$4121
Safari 550 DGR w/Brake	.450 Howell	5.32 kg	3 Internal	\$4171
Safari 550 DGR	.450 Rigby	5.45 kg	3 Internal	\$4640
Safari 550 DGR w/Brake	.450 Rigby	5.65 kg	3 Internal	\$4690
Safari 550 DGR	.458 Lott	5.37 kg	3 Internal	\$4510
Safari 550 DGR w/Brake	.458 Lott	5.57 kg	3 Internal	\$4560
Safari 550 DGR	.500 AHR	5.96 kg	3 Internal	\$5472
Safari 550 DGR w/Brake	.500 AHR	6.16 kg	3 Internal	\$5522
Safari 550 DGR	.505 Gibbs	6.17 kg	3 Internal	\$5850
Safari 550 DGR w/Brake	.505 Gibbs	6.37 kg	3 Internal	\$5900
Safari 550 DGR	.585 AHR	6.77 kg	2 Internal	\$6992
Safari 550 DGR w/Brake	.585 AHR	6.97 kg	2 Internal	\$7042
Safari 550 DGR	.600 Overkill	7.27 kg	2 Internal	\$8012
Safari 550 DGR w/Brake	.600 Overkill	7.47 kg	2 Internal	\$8062
Safari 550 PGR	.300 H&H Magnum	4.23 kg	5 Internal	\$2508
Safari 550 PGR w/Brake	.300 H&H Magnum	4.43 kg	5 Internal	\$2558
Safari 550 PGR	.300 Howell	4.1 kg	5 Internal	\$2361
Safari 550 PGR w/Brake	.300 Howell	4.3 kg	5 Internal	\$2411
Safari 550 PGR	.320 Howell	4.21 kg	5 Internal	\$2485
Safari 550 PGR w/Brake	.320 Howell	4.41 kg	5 Internal	\$2535
Safari 550 PGR	.340 Howell	4.37 kg	5 Internal	\$2665
Safari 550 PGR w/Brake	.340 Howell	4.57 kg	5 Internal	\$2715
Safari 550 PGR	.350 Howell	4.56 kg	5 Internal	\$2892
Safari 550 PGR w/Brake	.350 Howell	4.76 kg	5 Internal	\$2942
Safari 550 PGR	.375 H&H Magnum	4.9 kg	5 Internal	\$3319
Safari 550 PGR w/Brake	.375 H&H Magnum	5.1 kg	5 Internal	\$3369
Safari 550 PGR	.380 Howell	4.69 kg	5 Internal	\$3031
Safari 550 PGR w/Brake	.380 Howell	4.89 kg	5 Internal	\$3081
Safari 550 PGR	.404 Jeffrey	5.45 kg	3 Internal	\$3998
Safari 550 PGR w/Brake	.404 Jeffrey	5.65 kg	3 Internal	\$4048
Safari 550 PGR	.416 Howell	5.12 kg	3 Internal	\$3514
Safari 550 PGR w/Brake	.416 Howell	5.32 kg	3 Internal	\$3564
Safari 550 PGR	.416 Remington Magnum	5.4 kg	3 Internal	\$3889
Safari 550 PGR w/Brake	.416 Remington Magnum	5.6 kg	3 Internal	\$3949
Safari 550 PGR	.416 Rigby	5.44 kg	3 Internal	\$3943
Safari 550 PGR w/Brake	.416 Rigby	5.64 kg	3 Internal	\$3993
Safari 550 PGR	.450 AHR	5.77 kg	3 Internal	\$4422
Safari 550 PGR w/Brake	.450 AHR	5.97 kg	3 Internal	\$4472
Safari 550 PGR	.450 Howell	5.4 kg	3 Internal	\$4078
Safari 550 PGR w/Brake	.450 Howell	5.6 kg	3 Internal	\$4128
Safari 550 PGR	.450 Rigby	5.75 kg	3 Internal	\$4596
Safari 550 PGR w/Brake	.450 Rigby	5.95 kg	3 Internal	\$4646
Safari 550 PGR	.458 Lott	5.63 kg	3 Internal	\$4467
Safari 550 PGR w/Brake	.458 Lott	5.83 kg	3 Internal	\$4517

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Safari 550 DGR (.375)	BA	7	1-3-5	8	5	Nil	111
Safari 550 DGR (.375, w/Brake)	BA	7	1-3-5	9	3	Nil	111
Safari 550 DGR (.380)	BA	6	1-3-Nil	8	5	Nil	120
Safari 550 DGR (.380, w/Brake)	BA	6	1-3-Nil	8	3	Nil	120
Safari 550 DGR (.404)	BA	7	1-3-5	9	5	Nil	120
Safari 550 DGR (.404, w/Brake)	BA	7	1-3-5	9	3	Nil	120



Safari 550 DGR (.416 Howell)	BA	7	1-3-5	8	5	Nil	120
Safari 550 DGR (.416 Howell, w/Brake)	BA	7	1-3-5	9	3	Nil	120
Safari 550 DGR (.416 Rem Mag)	BA	7	1-3-5	9	5	Nil	120
Safari 550 DGR (.416 Rem Mag, w/Brake)	BA	7	1-3-5	9	3	Nil	120
Safari 550 DGR (.416 Rigby)	BA	7	1-3-5	9	5	Nil	122
Safari 550 DGR (.416 Rigby, w/Brake)	BA	7	1-3-5	9	3	Nil	122
Safari 550 DGR (.450 AHR)	BA	8	1-2-3	9	6	Nil	122
Safari 550 DGR (.450 AHR, w/Brake)	BA	8	1-2-3	9	4	Nil	122
Safari 550 DGR (.450 Howell)	BA	8	1-3-5	9	5	Nil	120
Safari 550 DGR (.450 Howell, w/Brake)	BA	8	1-3-5	9	3	Nil	120
Safari 550 DGR (.450 Rigby)	BA	8	1-2-3	9	6	Nil	124
Safari 550 DGR (.450 Rigby, w/Brake)	BA	8	1-2-3	9	4	Nil	124
Safari 550 DGR (.458)	BA	8	1-2-3	9	6	Nil	122
Safari 550 DGR (.458, w/Brake)	BA	8	1-2-3	9	4	Nil	122
Safari 550 DGR (.500)	BA	9	1-2-3	9	6	Nil	124
Safari 550 DGR (.500, w/Brake)	BA	9	1-2-3	10	4	Nil	124
Safari 550 DGR (.505)	BA	9	1-2-3	9	6	Nil	128
Safari 550 DGR (.505, w/Brake)	BA	9	1-2-3	10	4	Nil	128
Safari 550 DGR (.585)	BA	10	1-2-3	10	6	Nil	120
Safari 550 DGR (.585, w/Brake)	BA	10	1-2-3	10	4	Nil	120
Safari 550 DGR (.600)	BA	10	1-2-3	10	6	Nil	125
Safari 550 DGR (.600, w/Brake)	BA	10	1-2-3	10	4	Nil	125
Safari 550 PGR (.300 H&H)	BA	6	1-2-3	8	4	Nil	83
Safari 550 PGR (.300 H&H, w/Brake)	BA	6	1-2-3	8	3	Nil	83
Safari 550 PGR (.300 Howell)	BA	5	1-2-3	7	4	Nil	91
Safari 550 PGR (.300 Howell, w/Brake)	BA	5	1-2-3	8	3	Nil	91
Safari 550 PGR (.320)	BA	6	1-2-3	8	4	Nil	95
Safari 550 PGR (.320, w/Brake)	BA	6	1-2-3	8	3	Nil	95
Safari 550 PGR (.340)	BA	6	1-3-Nil	8	5	Nil	101
Safari 550 PGR (.340, w/Brake)	BA	6	1-3-Nil	8	3	Nil	101
Safari 550 PGR (.350)	BA	6	1-3-Nil	8	5	Nil	107
Safari 550 PGR (.350, w/Brake)	BA	6	1-3-Nil	8	3	Nil	107
Safari 550 PGR (.375 H&H)	BA	7	1-3-5	8	5	Nil	101
Safari 550 PGR (.375 H&H, w/Brake)	BA	7	1-3-5	8	3	Nil	101
Safari 550 PGR (.380)	BA	6	1-3-Nil	8	5	Nil	110
Safari 550 PGR (.380, w/Brake)	BA	6	1-3-Nil	8	3	Nil	110
Safari 550 PGR (.404)	BA	7	1-3-5	8	5	Nil	112
Safari 550 PGR (.404, w/Brake)	BA	7	1-3-5	9	3	Nil	112
Safari 550 PGR (.416 Howell)	BA	7	1-3-5	8	5	Nil	110
Safari 550 PGR (.416 Howell, w/Brake)	BA	7	1-3-5	8	3	Nil	110
Safari 550 PGR (.416 Rem Mag)	BA	7	1-3-5	8	5	Nil	110
Safari 550 PGR (.416 Rem Mag, w/Brake)	BA	7	1-3-5	9	3	Nil	110
Safari 550 PGR (.416 Rigby)	BA	7	1-3-5	8	5	Nil	113
Safari 550 PGR (.416 Rigby, w/Brake)	BA	7	1-3-5	9	3	Nil	113
Safari 550 PGR (.450 AHR)	BA	8	1-3-5	9	5	Nil	113
Safari 550 PGR (.450 AHR, w/Brake)	BA	8	1-3-5	9	3	Nil	113
Safari 550 PGR (.450 Howell)	BA	8	1-3-5	8	5	Nil	110
Safari 550 PGR (.450 Howell, w/Brake)	BA	8	1-3-5	9	4	Nil	110
Safari 550 PGR (.450 Rigby)	BA	8	1-2-3	9	6	Nil	113
Safari 550 PGR (.450 Rigby, w/Brake)	BA	8	1-2-3	9	4	Nil	113
Safari 550 PGR (.458)	BA	8	1-2-3	9	6	Nil	110
Safari 550 PGR (.458, w/Brake)	BA	8	1-2-3	9	4	Nil	110

AMT Sporting Rifle

Notes: This is a standard sort of hunting rifle built on a Mauser pattern and available in a plethora of chamberings. They can be gotten in left or right-handed versions and use composite stocks.

Weapon	Ammunition	Weight	Magazines	Price
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AMT Sporting Rifle	.22-250 Remington	3.8 kg	5 Internal	\$890
AMT Sporting Rifle	5.56mm NATO	3.75 kg	5 Internal	\$843
AMT Sporting Rifle	.243 Winchester	3.96 kg	5 Internal	\$1046
AMT Sporting Rifle	6mm PPC	3.74 kg	5 Internal	\$844
AMT Sporting Rifle	.25-06 Remington	4.26 kg	5 Internal	\$1316
AMT Sporting Rifle	6.5-08 A-Square	4.32 kg	5 Internal	\$1378
AMT Sporting Rifle	.270 Winchester	4.44 kg	5 Internal	\$1506
AMT Sporting Rifle	7mm Mauser	4.35 kg	5 Internal	\$1415
AMT Sporting Rifle	7mm-08 Remington	4.26 kg	5 Internal	\$1315
AMT Sporting Rifle	7mm Remington Magnum	4.48 kg	5 Internal	\$1545
AMT Sporting Rifle	.30-06 Springfield	4.67 kg	4 Internal	\$1759
AMT Sporting Rifle	.300 Winchester Magnum	5.12 kg	4 Internal	\$2364
AMT Sporting Rifle	7.62mm Kalashnikov	4.26 kg	4 Internal	\$1208
AMT Sporting Rifle	7.62mm NATO	4.53 kg	4 Internal	\$1477
AMT Sporting Rifle	.338 Winchester Magnum	5.5 kg	4 Internal	\$2587
AMT Sporting Rifle	.375 H&H Magnum	6.09 kg	4 Internal	\$3313
AMT Sporting Rifle	.416 Remington Magnum	6.5 kg	3 Internal	\$3886
AMT Sporting Rifle	.416 Rigby	6.54 kg	3 Internal	\$3940
AMT Sporting Rifle	.458 Winchester Magnum	6.63 kg	3 Internal	\$4076

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
AMT Sporting Rifle (.22-250)	BA	3	2-Nil	7	3	Nil	79
AMT Sporting Rifle (5.56mm)	BA	3	1-Nil	7	3	Nil	83
AMT Sporting Rifle (.243)	BA	3	2-Nil	7	4	Nil	83
AMT Sporting Rifle (6mm)	BA	3	2-Nil	7	3	Nil	87
AMT Sporting Rifle (.25-06)	BA	4	2-3-Nil	7	4	Nil	73
AMT Sporting Rifle (6.5-08)	BA	4	2-3-Nil	7	4	Nil	75
AMT Sporting Rifle (.270)	BA	4	2-3-Nil	7	4	Nil	77
AMT Sporting Rifle (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	90
AMT Sporting Rifle (7mm-08)	BA	4	2-3-Nil	7	4	Nil	97
AMT Sporting Rifle (7mm Magnum)	BA	4	1-2-3	8	4	Nil	97
AMT Sporting Rifle (.30-06)	BA	4	2-3-Nil	8	4	Nil	88
AMT Sporting Rifle (.300)	BA	5	1-2-3	8	4	Nil	100
AMT Sporting Rifle (7.62mm Kalashnikov)	BA	4	2-3-Nil	7	4	Nil	88
AMT Sporting Rifle (7.62mm NATO)	BA	4	2-3-Nil	7	4	Nil	99
AMT Sporting Rifle (.338)	BA	6	1-3-Nil	8	5	Nil	115
AMT Sporting Rifle (.375)	BA	7	1-3-5	8	5	Nil	112
AMT Sporting Rifle (.416 Remington)	BA	7	1-3-5	9	5	Nil	122
AMT Sporting Rifle (.416 Rigby)	BA	7	1-3-5	9	5	Nil	122
AMT Sporting Rifle (.458)	BA	8	1-3-5	9	5	Nil	122

APA Tactical Competition

Notes: The APA (American Precision Arms) Tactical Competition is designed to be useful in hunting, long-range competition shooting, and tactical sniping applications; competition, however, is the core of its design. Based on a variant of the Remington 700 action called the Badger Action, the Tactical Competition starts with an improved trigger and magazine group called the RTG (Refined Trigger Guard). The Guard starts with a lightweight 7075 aluminum trigger guard which incorporates a integrated magazine catch which does not protrude from the trigger guard, and is essentially part of the trigger guard. This links to the box magazine. The trigger itself is a hand-tuned Jewell trigger (in fact, the entire rifle is hand-tuned). The 26-inch barrel is a heavy contour Broughton #6 barrel, tipped with a proprietary APA "Little Bastard" muzzle brake. The rifle has a McMillan A-5 synthetic stock with a deep pistol grip wrist, texturing of the pistol grip wrist and fore-end for a better grip, an adjustable cheekpiece, and spacers to adjust length of pull. The standard scope sold with the Tactical Competition is a Nightforce 5.5-22x50mm scope, and is included in the cost below. The top of the receiver has a MIL-STD-1913 rail. The magazines used are identical to those of the British AW rifle.

A variant of the Tactical Competition, the Do-It-All Rifle, uses an APA Genesis action along with a heavy-gauge match rifle 22 inches in length, without a muzzle brake. The extractor is based on the M-16 extractor. The stock is a simpler synthetic McMillan HTG stock. The underside is studded for a bipod, though none is included with the rifle. The stock has a thick recoil pad. The entire rifle, metalwork, and magazines are coated in KG Gun-Kote Sage Green with a camouflage pattern. Atop the receiver is a MIL-STD-1913 rail.

Weapon	Ammunition	Weight	Magazines	Price
Tactical Competition	7.62mm NATO	5.67 kg	5, 10	\$1757

Do-It-All		7.62mm NATO	4.3 kg	5, 10	\$1738			
Weapon		ROF	Damage	Pen	Bulk	SS	Burst	Range
Tactical Competition		BA	4	2-3-Nil	8	3	Nil	104
Do-It-All		BA	4	2-3-Nil	7	3	Nil	85

A-Square Hamilcar

Notes: The Hamilcar may be regarded as a lighter version of the Hannibal; it is lighter, but the chamberings still include stout cartridges like the .300 Weatherby Magnum. Most of the special A-Square construction of the Hannibal, in fact, is duplicated on the Hamilcar, but in a lighter weight. The weapon is equipped with mounting blocks and rings for telescopic sights, though A-Square will substitute other types of mounting equipment upon request, and any of their mounting methods include A-Square's Quick Disconnect Unit which allows the optics to be quickly removed and replaced without losing the sight's zero. Despite the relatively low weight, the Hamilcar does not use any sort of light alloys, composites, or plastics in its construction, except for the firing pin, which is a titanium alloy for strength; in addition, all metal parts are Teflon-coated. Like the Hannibal, the Hamilcar generally uses a 26-inch match-quality LW-50 stainless steel barrel (and this is what was used for the charts below); however, there really isn't any "standard" barrel length, as A-Square will make the barrel length (almost the entire rest of the rifle) to order.

Twilight 2000 Notes: The Hamilcar does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Hamilcar	.25-06 Remington	3.4 kg	6 Internal	\$1387
Hamilcar	.257 Weatherby Magnum	3.44 kg	4 Internal	\$1412
Hamilcar	6.5mm Swedish	3.33 kg	6 Internal	\$1302
Hamilcar	6.5-06 A-Square	3.48 kg	4 Internal	\$1448
Hamilcar	.264 Winchester Magnum	3.49 kg	4 Internal	\$1457
Hamilcar	.270 Winchester	3.62 kg	6 Internal	\$1576
Hamilcar	.270 Weatherby Magnum	3.62 kg	4 Internal	\$1581
Hamilcar	7mm Mauser	3.53 kg	6 Internal	\$1486
Hamilcar	7mm Remington Magnum	3.66 kg	4 Internal	\$1615
Hamilcar	7mm Weatherby Magnum	3.71 kg	4 Internal	\$1651
Hamilcar	7mm STW	3.83 kg	4 Internal	\$1790
Hamilcar	.280 Remington	3.69 kg	6 Internal	\$1636
Hamilcar	.30-06 Springfield	3.88 kg	6 Internal	\$1818
Hamilcar	.308 Norma Magnum	3.92 kg	4 Internal	\$1860
Hamilcar	.300 Winchester Short Magnum	3.67 kg	4 Internal	\$1590
Hamilcar	.300 Winchester Magnum	4.67 kg	4 Internal	\$2461
Hamilcar	.300 Weatherby Magnum	4.79 kg	4 Internal	\$2582
Hamilcar	8mm Mauser	3.88 kg	4 Internal	\$1806
Hamilcar	.338-06 A-Square	4.58 kg	3 Internal	\$2898
Hamilcar	9.3mm Mauser	4.57 kg	4 Internal	\$2881

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Hamilcar (.25-06)	BA	4	2-3-Nil	7	4	Nil	73
Hamilcar (.257)	BA	4	1-2-3	7	4	Nil	86
Hamilcar (6.5mm)	BA	4	2-3-Nil	7	4	Nil	86
Hamilcar (6.5-08)	BA	4	1-2-3	7	4	Nil	90
Hamilcar (.264)	BA	4	1-2-3	7	4	Nil	90
Hamilcar (.270)	BA	4	2-3-Nil	7	4	Nil	77
Hamilcar (.270 Magnum)	BA	4	1-2-3	7	4	Nil	93
Hamilcar (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	90
Hamilcar (7mm Rem Magnum)	BA	4	1-2-3	8	4	Nil	97
Hamilcar (7mm Whby Magnum)	BA	4	1-2-3	8	4	Nil	107
Hamilcar (7mm STW)	BA	4	1-2-3	8	4	Nil	104
Hamilcar (.280)	BA	4	2-3-Nil	8	4	Nil	80
Hamilcar (.30-06)	BA	4	2-3-Nil	8	4	Nil	88
Hamilcar (.308)	BA	5	1-2-3	8	4	Nil	102
Hamilcar (.300 WSM)	BA	5	1-2-3	7	4	Nil	121
Hamilcar (.300 Win Mag)	BA	5	1-2-3	8	4	Nil	103
Hamilcar (.300 Whby Mag)	BA	5	1-2-3	8	3	Nil	105
Hamilcar (8mm)	BA	5	2-3-Nil	8	4	Nil	101

<b>Hamilcar (.338-06)</b>	BA	6	1-3-Nil	8	5	Nil	101
<b>Hamilcar (9.3mm)</b>	BA	5	2-4-Nil	8	5	Nil	101

### **A-Square Hannibal**

Though originally built only from 1983-91, this rifle was made in literally over a score of different calibers, some of which are pretty exotic. (Production picked up again in the late 1990s.) The Hannibal is built on a modified Enfield M-1917 action; most have hand-oil-finished walnut stocks, but some were built with synthetic stocks. The tolerances are very tight and the parts fit together so well that only a bare minimum of lubrication is required. They have recoil dampening bolts in the stock, as well as a ventilated recoil pad on the butt. The barrel is a match-quality LW-50 stainless steel barrel; though A-Square will build the Hannibal to customer order with any barrel length requested, 26 inches is the most common barrel length. The barrels are floated using a steel-reinforced epoxy bedding material. The action uses controlled feeding with a non-rotating claw-type extractor, and the entire action is machined from D-2 tool steel. The stocks are made using a special ergonomic pattern (after consultations with a weapons system engineer, an orthopedist, an internist, and an anthropologist!). The trigger unit, action, and magazine's floorplate are bedded into the stock using the same material as the barrel bedding. The bolt handle is extended and curved to ensure that it clears the scope while allowing the bolt to be opened or closed with just the thumb of the firing hand. All metalwork is Teflon-coated for environmental resistance and operation with very little lubricant. The scope bases and rings are mounted with heavier screws than most rifles, and A-Square will also substitute other mounting devices as desired. Typical A-Square rear scope bases are longer than usual to for a better fit to an individual shooter and also allow the use of long scopes. The mounts also incorporate A-Square's Quick Disconnect Unit, which allows optics to be repeatedly removed and/or swapped without losing the shooter's zero. The Hannibal is also fitted with backup iron sights.

It should be noted that the following chamberings are not listed on A-Square's web site as currently available: .270 Winchester, 7mm STW, 7mm Remington Magnum, .30-06 Springfield, .300 Winchester Magnum, .300 H&H Magnum, .300 Weatherby Magnum, .308 Norma Magnum. However, it is well-known that A-Square will customize a Hannibal (or any of its rifles) to almost any chambering desired.

<b>Weapon</b>	<b>Ammunition</b>	<b>Weight</b>	<b>Magazines</b>	<b>Price</b>
Hannibal	.270 Winchester	3.61 kg	5 Internal	\$1498
Hannibal	7mm STW	3.81 kg	5 Internal	\$1712
Hannibal	7mm Remington Magnum	3.64 kg	5 Internal	\$1537
Hannibal	.30-06 Springfield	3.83 kg	5 Internal	\$1751
Hannibal	.300 Winchester Magnum	4.08 kg	5 Internal	\$2357
Hannibal	.300 H&H Magnum	4.19 kg	5 Internal	\$2493
Hannibal	.300 Weatherby Magnum	4.18 kg	5 Internal	\$2478
Hannibal	.300 Pegasus	4.26 kg	5 Internal	\$2678
Hannibal	.308 Norma Magnum	3.85 kg	5 Internal	\$1793
Hannibal	8mm Remington Magnum	4.29 kg	5 Internal	\$2660
Hannibal	8mm RWS	4.22 kg	5 Internal	\$2633
Hannibal	.338 A-Square	4.42 kg	5 Internal	\$2835
Hannibal	.338 Winchester Magnum	4.22 kg	5 Internal	\$2580
Hannibal	.338 Excalibur	4.56 kg	5 Internal	\$3046
Hannibal	.340 Weatherby Magnum	4.4 kg	5 Internal	\$2818
Hannibal	.358 Norma Magnum	4.47 kg	5 Internal	\$2925
Hannibal	.358 ST Alaska	4.68 kg	5 Internal	\$3197
Hannibal	9.3mm Mauser	4.27 kg	5 Internal	\$2817
Hannibal	.375 A-Square	5.05 kg	5 Internal	\$3307
Hannibal	.375 JRS	5.04 kg	5 Internal	\$3299
Hannibal	.375 Weatherby Magnum	5.07 kg	5 Internal	\$3342
Hannibal	.375 H&H Magnum	5.07 kg	5 Internal	\$3342
Hannibal	.378 Weatherby Magnum	5.09 kg	5 Internal	\$3369
Hannibal	.400 Pondoro	5.21 kg	5 Internal	\$3907
Hannibal	.404 Jeffrey	5.55 kg	5 Internal	\$3992
Hannibal	.416 Hoffman	5.47 kg	5 Internal	\$3881
Hannibal	.416 Remington Magnum	5.47 kg	5 Internal	\$3881
Hannibal	.416 Rigby	5.52 kg	5 Internal	\$3935
Hannibal	.416 Taylor	5.21 kg	5 Internal	\$3505
Hannibal	.425 Express	5.02 kg	5 Internal	\$3650
Hannibal	.450 Ackley Magnum	5.61 kg	5 Internal	\$4528
Hannibal	.458 Winchester Magnum	5.33 kg	5 Internal	\$4072
Hannibal	.458 Lott	5.58 kg	5 Internal	\$4463
Hannibal	.460 A-Square Short	5.34 kg	5 Internal	\$4072
Hannibal	.460 Weatherby Magnum	5.68 kg	5 Internal	\$4599

Hannibal	.495 A-Square	6.13 kg	5 Internal	\$5338
Hannibal	.500 A-Square	6.22 kg	5 Internal	\$5500
Hannibal	.577 Tyrannosaur	7.51 kg	5 Internal	\$7302

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Hannibal (.270)	BA	4	2-3-Nil	7	4	Nil	77
Hannibal (7mm STW)	BA	4	1-2-3	8	4	Nil	85
Hannibal (7mm Magnum)	BA	4	1-2-3	8	4	Nil	97
Hannibal (.30-06)	BA	4	2-3-Nil	8	5	Nil	88
Hannibal (.300 Winchester)	BA	5	1-2-3	8	4	Nil	100
Hannibal (.300 H&H)	BA	5	1-2-3	8	4	Nil	101
Hannibal (.300 Weatherby)	BA	5	1-2-3	8	4	Nil	111
Hannibal (.300 Pegasus)	BA	5	1-2-3	8	4	Nil	108
Hannibal (.308 Norma)	BA	5	1-2-3	8	5	Nil	103
Hannibal (8mm Magnum)	BA	6	1-3-Nil	8	5	Nil	107
Hannibal (8mm RWS)	BA	6	1-3-Nil	8	5	Nil	106
Hannibal (.338 A-Square)	BA	6	1-3-Nil	8	5	Nil	101
Hannibal (.338 Winchester)	BA	6	1-3-Nil	8	5	Nil	115
Hannibal (.338 Excalibur)	BA	6	1-3-Nil	8	5	Nil	118
Hannibal (.340 Weatherby)	BA	6	1-3-Nil	8	6	Nil	112
Hannibal (.358 Norma)	BA	6	1-3-Nil	8	5	Nil	124
Hannibal (.358 ST Alaska)	BA	6	1-3-Nil	8	5	Nil	131
Hannibal (9.3mm)	BA	5	2-4-Nil	8	6	Nil	101
Hannibal (.375 A-Square)	BA	7	1-3-5	8	5	Nil	112
Hannibal (.375 JRS)	BA	7	1-3-5	8	5	Nil	113
Hannibal (.375 Weatherby)	BA	7	1-3-5	8	5	Nil	111
Hannibal (.375 H&H)	BA	7	1-3-5	8	5	Nil	111
Hannibal (.378 Weatherby)	BA	7	1-3-5	8	5	Nil	109
Hannibal (.400 Pondoro)	BA	7	1-3-5	9	5	Nil	128
Hannibal (.404 Jeffrey)	BA	7	1-3-5	9	5	Nil	122
Hannibal (.416 Hoffman)	BA	7	1-3-5	9	5	Nil	122
Hannibal (.416 Remington)	BA	7	1-3-5	9	5	Nil	122
Hannibal (.416 Rigby)	BA	7	1-3-5	9	5	Nil	122
Hannibal (.416 Taylor)	BA	7	1-3-5	8	5	Nil	122
Hannibal (.425 Express)	BA	7	1-3-5	8	6	Nil	122
Hannibal (.450 Ackley)	BA	8	1-2-3	9	7	Nil	122
Hannibal (.458 Winchester)	BA	8	1-3-5	9	6	Nil	122
Hannibal (.458 Lott)	BA	8	1-2-3	9	7	Nil	122
Hannibal (.460 A-Square Short)	BA	8	1-3-5	9	6	Nil	122
Hannibal (.460 Weatherby)	BA	8	1-2-3	9	7	Nil	122
Hannibal (.495 A-Square)	BA	9	1-2-3	9	7	Nil	122
Hannibal (.500 A-Square)	BA	9	1-2-3	9	7	Nil	122
Hannibal (.577 Tyrannosaur)	BA	10	1-2-3	10	5	Nil	137



### Beeman/Krico 300

Notes: This is a bolt-action rifle with a deep pistol grip, target trigger, and detachable magazine. Beeman/Krico weapons are finely made, but expensive.

Weapon	Ammunition	Weight	Magazines	Price
Beeman/Krico 300	.22 Long Rifle	2.95 kg	5	\$299

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Beeman/Krico 300	BA	1	Nil	5	1	Nil	52

### Beeman/Krico 340

Notes: This rifle has an adjustable match trigger, deep pistol grip stock, and match-grade barrel. The weapon has no sights nor is it drilled and tapped for a scope; it is instead intended for free shooting at metallic silhouettes.

Weapon	Ammunition	Weight	Magazines	Price
Beeman/Krico 340	.22 Long Rifle	3.4 kg	5	\$274

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Beeman/Krico 340	BA	1	Nil	5	1	Nil	47

### Beeman/Kricotronic 540

Notes: An unusual bolt-action weapon, the Kricotronic uses electronic ignition and has no firing pin. The weapon contains a battery and ignition circuitry in the stock. It uses a deep-grip stock and a Monte Carlo cheekpiece.

Weapon	Ammunition	Weight	Magazines	Price
Beeman/Kricotronic 540	.22 Long Rifle	3.58 kg	5	\$269

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Beeman/Kricotronic 540	BA	1	Nil	5	1	Nil	46

### Charles Daly Field Grade .22 Bolt-Action

Notes: These rifles are actually built in the Philippines by Armscor, and were formerly called the Super Classic M-1400SC and M-12Y. The Field Grade is a short rifle with metalwork made primarily from chrome-molybdenum steel. The receiver top has a dovetail rail for telescopic sights, and has backup iron sights including a folding adjustable rear leaf sight. The stock is of hardwood. The Field Grade Stainless is similar, but has metalwork of stainless steel and synthetic furniture with a pistol grip wrist.

The Field Grade Youth is designed for children and beginners. There are two versions: the Youth Single Shot has no magazine and is manually loaded between each shot, and the Youth Repeater is magazine-fed and has a longer barrel.

Twilight 2000 Notes: As these weapons were not sold under the Charles Daly name until 1998, they will still be known by their Armscor designations and are more properly Filipino weapons in the Twilight 2000 world.

Weapon	Ammunition	Weight	Magazines	Price
Field Grade	.22 Long Rifle	2.8 kg	6	\$290
Field Grade Stainless	.22 Long Rifle	2.65 kg	6	\$300
Youth Single Shot	.22 Long Rifle	1.6 kg	1 Internal	\$206
Youth Repeater	.22 Long Rifle	2.2 kg	6	\$238

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Field Grade	BA	1	Nil	5	1	Nil	50
Field Grade Stainless	BA	1	Nil	5	1	Nil	50
Youth Single Shot	SS	1	Nil	4	1	Nil	37
Youth Repeater	BA	1	Nil	4	1	Nil	40

### Charles Daly .22 Superior Grade/Empire Grade

Notes: The Superior Grade .22 bolt-action rifle is available not only in rimfire calibers, but in the centerfire chambering of .22 Hornet. The Superior Grade rifle has a blued barrel and receiver of chrome-molybdenum steel and a hardwood stock with a pistol grip wrist. The Empire Grade is virtually identical, but the grade of wood in the stock is much better and the rear sight is an adjustable leaf sight. It is not given a separate entry in the table below.

There are also semiautomatic versions of the above rifles; they are virtually identical, except for the semiautomatic actions.

Twilight 2000 Notes: As this rifle was not sold under Charles Daly name until 1998 (it was sold under the Armscor of Philippines name before that), this rifle is not available as such in the Twilight 2000 world. It is, however, available under the Armscor name (and called the M-1400S in .22 Long Rifle, M-1500S in .22 Winchester Magnum Rimfire, and M-1800S in .22 Hornet).

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Weapon	Ammunition	Weight	Magazines	Price
Superior Grade Bolt Action	.22 Long Rifle	2.9 kg	6	\$290
Superior Grade Bolt Action	.22 Winchester Magnum Rimfire	2.98 kg	5	\$322
Superior Grade Bolt Action	.22 Hornet	3.03 kg	5	\$680
Superior Grade Semiautomatic	.22 Long Rifle	2.9 kg	6	\$277
Superior Grade Semiautomatic	.22 Winchester Magnum Rimfire	2.98 kg	5	\$298
Superior Grade Semiautomatic	.22 Hornet	3.03 kg	5	\$537

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Superior Grade Bolt Action (.22 Long Rifle)	BA	1	Nil	5	1	Nil	50
Superior Grade Bolt Action (.22 Magnum)	BA	1	Nil	5	1	Nil	65
Superior Grade Bolt Action (.22 Hornet)	BA	3	1-Nil	6	3	Nil	73
Superior Grade Semiautomatic (.22 Long Rifle)	SA	1	Nil	5	1	Nil	46
Superior Grade Semiautomatic (.22 Magnum)	SA	1	Nil	5	1	Nil	59
Superior Grade Semiautomatic (.22 Hornet)	SA	3	1-Nil	6	3	Nil	66

**Charles Daly Field Grade Mauser**

Notes: This is actually a Yugoslavian import sold only in the US by the Charles Daly Company. It is a modernized Mauser sporting rifle, and is designed to be accurate enough for experienced shooters, while being relatively newbie-proof. The entire action is built to operate smoothly while minimizing misfeeds. The stocks are synthetic, while the metallic parts are normally blued (but can also be had in stainless steel), except where chroming is normally indicated. The trigger is adjustable.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Field Grade Mauser	.22-250 Remington	3.23 kg	5 Internal	\$849
Field Grade Mauser	.243 Winchester	3.23 kg	5 Internal	\$1005
Field Grade Mauser	.25-06 Remington	3.23 kg	5 Internal	\$1275
Field Grade Mauser	.270 Winchester	3.23 kg	5 Internal	\$1465
Field Grade Mauser	7.62mm NATO	3.23 kg	5 Internal	\$1436
Field Grade Mauser	.30-06 Springfield	3.23 kg	5 Internal	\$1718
Field Grade Mauser	7mm Remington Magnum	3.29 kg	3 Internal	\$1524
Field Grade Mauser	.300 Winchester Magnum	3.29 kg	3 Internal	\$2303
Field Grade Mauser	.300 Remington Ultra-Mag	3.29 kg	3 Internal	\$2420
Field Grade Mauser	.338 Winchester Magnum	3.29 kg	3 Internal	\$2509
Field Grade Mauser	.458 Winchester Magnum	3.29 kg	3 Internal	\$3993

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Field Grade Mauser (.22-250)	BA	3	1-Nil	6	3	Nil	65
Field Grade Mauser (.243)	BA	3	2-Nil	6	3	Nil	65
Field Grade Mauser (.25-06)	BA	4	2-Nil	7	4	Nil	57
Field Grade Mauser (.270)	BA	4	2-3-Nil	7	5	Nil	60
Field Grade Mauser (7.62mm)	BA	4	2-3-Nil	7	5	Nil	79
Field Grade Mauser (.30-06)	BA	4	2-3-Nil	7	5	Nil	68
Field Grade Mauser (7mm Magnum)	BA	4	1-2-3	7	5	Nil	86
Field Grade Mauser (.300 Magnum)	BA	5	2-3-Nil	7	5	Nil	89
Field Grade Mauser (.300 Ultra-Mag)	BA	6	1-2-3	7	5	Nil	82
Field Grade Mauser (.338)	BA	6	1-3-Nil	8	6	Nil	103
Field Grade Mauser (.458)	BA	8	1-3-5	8	7	Nil	109

**Charles Daly Superior II**

Notes: Similar to the Superior Grade and Empire Grade above, the Superior II is built by Zastava in Serbia, but distributed exclusively by Charles Daly. It incorporates many of the features of the Field Grade Mauser (see US Sporting Rifles A-D) and other Charles Daly centerfire rifles, and features the same quality construction of those rifles, though the stocks are of oil-finished walnut instead of being synthetic. The stocks are checkered on the fore-end and on the pistol grip wrist. Metalwork is blued except for the chromed bolt and barrel liner. The .22 Long Rifle version has iron sights but is not drilled and tapped for a scope mount; the other two do not have iron sights, but are drilled and tapped for a scope mount. All three use 22-inch barrels, but are not interchangeable as far as ammunition is concerned, despite their similarity. They are very inexpensive rifles in real world terms, actually close to or less than the Twilight 2000 prices listed below.

Twilight 2000 Notes: These rifles are not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
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Superior II	.17 Hornady Magnum Rimfire	2.72 kg	5	\$432
Superior II	.22 Long Rifle	2.72 kg	5	\$284
Superior II	.22 Winchester Magnum Rimfire	2.72 kg	5	\$315

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Superior II (.17)	BA	2	1-Nil	6	2	Nil	63
Superior II (.22 LR)	BA	1	Nil	5	1	Nil	49
Superior II (.22 Magnum)	BA	1	Nil	6	1	Nil	63

Charles Daly Superior Grade Mauser

Notes: Basically a “higher-class” version of the Field Grade Mauser, the Superior Grade Mauser features polished blue metalwork, a hand-fitted gold-plated trigger, a hand-checked European walnut stock which is highly-polished, a Monte Carlo comb and cheekpiece, a fore-end and pistol grip wrist cap of ebony and with white spacers, a recoil pad, and sling swivels. They are drilled and tapped for a scope mount, but have no iron sights. The Superior Grade Mauser comes in three versions: the standard Superior Grade Mauser, in calibers ranging from .22-250 to .300 Winchester Magnum, and with a 22-inch barrel for most calibers and a 24-inch barrel for the magnum calibers; the Superior Grade Mauser LH, a left-handed model available only in .30-06 (and is otherwise identical to the standard Superior Grade Mauser for game purposes); and the Superior Grade Safari Mauser, which comes in calibers of .375 or .458 and has a 26-inch barrel and crossbolts for extra strength.

Twilight 2000 Notes: These rifles do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Superior Grade Mauser	.22-250 Remington	3.29 kg	5 Internal	\$912
Superior Grade Mauser	.243 Winchester	3.29 kg	5 Internal	\$1067
Superior Grade Mauser	.25-06 Remington	3.29 kg	5 Internal	\$1337
Superior Grade Mauser	.270 Winchester	3.29 kg	5 Internal	\$1526
Superior Grade Mauser	7mm Remington Magnum	3.35 kg	3 Internal	\$1585
Superior Grade Mauser	7.62mm NATO	3.29 kg	5 Internal	\$1497
Superior Grade Mauser	.30-06 Springfield	3.29 kg	5 Internal	\$1778
Superior Grade Mauser	.300 Winchester Magnum	3.35 kg	3 Internal	\$2363
Superior Grade Safari Mauser	.375 H&H Magnum	3.74 kg	3 Internal	\$3369
Superior Grade Safari Mauser	.458 Winchester Magnum	3.74 kg	3 Internal	\$4129

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Superior Grade Mauser (.22-250)	BA	3	1-Nil	6	3	Nil	65
Superior Grade Mauser (.243)	BA	3	2-Nil	6	3	Nil	65
Superior Grade Mauser (.25-06)	BA	4	2-Nil	7	4	Nil	57
Superior Grade Mauser (.270)	BA	4	2-3-Nil	7	4	Nil	60
Superior Grade Mauser (7mm)	BA	4	1-2-3	7	4	Nil	86
Superior Grade Mauser (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
Superior Grade Mauser (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
Superior Grade Mauser (.300)	BA	5	2-3-Nil	7	4	Nil	89
Superior Grade Safari Mauser (.375)	BA	7	1-3-5	8	5	Nil	112
Superior Grade Safari Mauser (.458)	BA	8	1-3-5	9	6	Nil	122

Charles Daly Superior Grade Mini-Mauser

Notes: As the name suggests, this is a version of the Superior Grade designed for firing smaller-caliber cartridges. The features and construction are basically the same as the standard Superior Grade rifle above, except for the caliber, and the barrel length, which is only 20 inches, and that the Superior Grade Mini-Mauser Hornet has a removable box magazine. The Mini-Mauser is also available in left-handed version, but only in 5.56mm NATO caliber.

Twilight 2000 Notes: These rifles are not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Mini-Mauser Hornet	.22 Hornet	2.83 kg	5	\$653
Mini-Mauser	5.56mm NATO	2.83 kg	6 Internal	\$770
Mini-Mauser	.22-250 Remington	2.83 kg	6 Internal	\$817
Mini-Mauser	7.62mm Kalashnikov	2.83 kg	3 Internal	\$1134

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mini-Mauser Hornet	BA	3	1-Nil	6	3	Nil	64
Mini-Mauser (5.56mm)	BA	3	1-Nil	6	3	Nil	61

<b>Mini-Mausers (.22-250)</b>	BA	3	1-Nil	6	3	Nil	56
<b>Mini-Mausers (7.62mm)</b>	BA	4	2-3-Nil	6	5	Nil	66

### Clifton Arms Scout Rifle

Notes: This is a general-purpose bolt-action rifle, designed to carry around and be used against varmints, predators, or whatever else needs to be shot at short notice. The Clifton Scout is based on the Ruger 77 Mark II action. It is a bit larger and heavier than what is normally considered a scout rifle, but is otherwise designed for that sort of purpose. The rifle is drilled and tapped for a scope mount and has backup iron sights (a folding, adjustable bridge-type ghost ring rear sight and a dovetailed square, Sourdough-type post front sight). The iron sights are large to enable quick target acquisition (and scout rifles are not meant for long-range shooting under most circumstances). The stock is synthetic; an unusual feature of this stock is that the bottom has a trap for five rounds of ammunition for the weapon. The fore-end also has retractable bipod legs. The barrel is heavy and is made from blackened stainless steel.

Weapon	Ammunition	Weight	Magazines	Price
<b>Clifton Scout (18" Barrel)</b>	7.62mm NATO	3.45 kg	5 Internal	\$1844
<b>Clifton Scout (19" Barrel)</b>	7.62mm NATO	3.48 kg	5 Internal	\$1875
<b>Clifton Scout (20" Barrel)</b>	7.62mm NATO	3.53 kg	5 Internal	\$1908

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Clifton Scout (18")</b>	BA	4	2-3-Nil	6	4	Nil	61
<b>(With Bipod)</b>	BA	4	2-3-Nil	6	2	Nil	79
<b>Clifton Scout (19")</b>	BA	4	2-3-Nil	6	4	Nil	66
<b>(With Bipod)</b>	BA	4	2-3-Nil	6	2	Nil	85
<b>Clifton Scout (20")</b>	BA	4	2-3-Nil	7	4	Nil	71
<b>(With Bipod)</b>	BA	4	2-3-Nil	7	2	Nil	92

### Colt Coltsman Sporting Rifle (Mauser-Pattern)

Notes: Designed by Colt, these were built by Jefferson Manufacturing and Kodiak Manufacturing between 1957 and 1961. The used a plain stock, and only about 5000 were built. The standard rifle had a 22-inch barrel, but the Deluxe version had a 24-inch barrel. There is also a Custom version with a Monte Carlo stock and cheekpiece (identical to the standard rifle for game purposes).

Weapon	Ammunition	Weight	Magazines	Price
<b>Coltsman (Mauser-Pattern)</b>	.30-06 Springfield	3.18 kg	5 Internal	\$1708
<b>Coltsman (Mauser-Pattern)</b>	.300 H&H Magnum	3.31 kg	5 Internal	\$2367
<b>Coltsman Deluxe (Mauser-Pattern)</b>	.30-06 Springfield	3.2 kg	5 Internal	\$1728
<b>Coltsman Deluxe (Mauser-Pattern)</b>	.300 H&H Magnum	3.5 kg	5 Internal	\$2428

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Coltsman (.30-06)</b>	BA	4	2-3-Nil	7	5	Nil	68
<b>Coltsman (.300)</b>	BA	5	1-2-3	7	5	Nil	71
<b>Coltsman Deluxe (.30-06)</b>	BA	4	2-3-Nil	8	5	Nil	78
<b>Coltsman Deluxe (.300)</b>	BA	5	1-2-3	8	5	Nil	82

### Cooper Model 21 Series

Notes: Cooper Arms originally developed an improved bolt system for use on other rifles in 1991; however, it was marketing its own rifles. One of the first of these was the Model 21, beginning with the Varmint Extreme (also known as the Classic). As the name suggests, the Varmint Extreme fires small-caliber cartridges with shorter cases. The bolt is of unusual construction, with the locking lugs in the middle of the bolt's body instead of at the front as is the case with most rifles. This works quite well with rounds of low to moderate chamber pressures, allowing faster locking and unlocking. The Varmint Extreme's barrel is a heavy 23.75-inch stainless steel floating barrel with a target crown. The stock is of walnut, with a conventional profile and a half-length fore-end. All of the Model 21 Series are drilled and tapped for a scope mount, with the exception of the TRP-1.

Similar variants of the Model 21 include the Custom Classic, which is the same as the Varmint Extreme with the exception of a Monte Carlo stock and a high comb and cheekpiece. The Model 21 Bench Rest is also largely the same, but is equipped with a highly-adjustable Jewell trigger unit and a widened, flat-bottomed fore-end. These two rifles are identical to the Varmint Extreme for game purposes.

More divergent variants include the Model 36 BR-50, designed for benchrest shooting; it has no magazine, and uses synthetic MacMillan stock (usually black). The barrel is 22 inches long, and is match-quality, heavy, and floating. The Model 38 Centerfire Sporter was offered only in two proprietary chamberings, and uses a 23.75-inch Shilen barrel which is floating, heavy, and has a target crown. The stock is of Claro walnut with a checkered pistol grip wrist and fore-end, and is of the Monte Carlo-type. The butt has a Pachmayr recoil pad. The trigger is adjustable. The Model 38 Centerfire Sporter was produced only until 1994, but it was perhaps the first Cooper-built rifle offered, beginning production in 1991.

The Model 36 Classic Sporter is similar to the standard Varmint Extreme, but fires .22 Long Rifle cartridges, uses a 22.75-inch barrel, and a box magazine. The Model 36 Custom Classic Sporter is a deluxe Model 36 with a Monte Carlo-style comb and cheekpiece made from select-grade walnut. The Model 36 Featherweight is also identical except for its synthetic stock, which reduces its weight. The Model 36 Montana Trailblazer is again the same as the Model 36 Classic Sporter, except for the lightweight tapering barrel and lighter wood stock, making it even lighter than the Featherweight. The Model 40 Centerfire Classic Sporter is basically a centerfire version of the Model 36, with a 23-inch barrel. Its deluxe counterpart is the Model 40 Centerfire Custom Classic Sporter.

The TRP-1 is a very specialized version of the Model 21; it was designed for ISU Classic competitions. Firing .22 Long Rifle, this version has no magazine and uses a 22-inch extra-heavy Shilen barrel. The stock is competition-style, with an adjustable cheekpiece, adjustable buttplate, and fittings for competition optical sights.

In 1996, Cooper Arms introduced what was essentially a medium-action version of the Model 21, called the Model 22 series. The base Model 22 is the Pro-Varmint Extreme; it is essentially the same as the Model 21 Varmint Extreme, except that the camber and receiver are designed to withstand higher pressures and the bolt lugs are moved to the front of the bolt in the conventional pattern. The barrel is also 26 inches long. Variants include the Model 22 Bench Rest, the Model 22 equivalent of the Model 21 Bench Rest, and the Model 22 Black Jack, with a black McMillan synthetic stock and blackened metalwork.

Twilight 2000 Notes: All of these rifles are extremely rare in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Model 21 Varmint Extreme	.17 Remington	3.18 kg	5 Internal	\$602
Model 21 Varmint Extreme	.17 Mach IV	3.05 kg	5 Internal	\$530
Model 21 Varmint Extreme	.204 Ruger	3.43 kg	5 Internal	\$738
Model 21 Varmint Extreme	.221 Fireball	3.38 kg	5 Internal	\$708
Model 21 Varmint Extreme	.222 Remington	3.54 kg	5 Internal	\$802
Model 21 Varmint Extreme	.222 Remington Magnum	3.6 kg	5 Internal	\$840
Model 21 Varmint Extreme	5.56mm NATO	3.57 kg	5 Internal	\$820
Model 21 Varmint Extreme	.22 PPC	3.45 kg	5 Internal	\$746
Model 36 BR-50	.17 Remington	3.08 kg	1 Internal	\$409
Model 36 BR-50	.17 Mach IV	2.96 kg	1 Internal	\$365
Model 36 BR-50	.221 Fireball	3.28 kg	1 Internal	\$490
Model 36 BR-50	.222 Remington	3.43 kg	1 Internal	\$555
Model 36 BR-50	5.56mm NATO	3.46 kg	1 Internal	\$568
Model 36 BR-50	.22 PPC	3.34 kg	1 Internal	\$516
Model 36 Classic Sporter	.22 Long Rifle	3.18 kg	5	\$303
Model 36 Featherweight	.22 Long Rifle	2.95 kg	5	\$313
Model 36 Montana Trailblazer	.22 Long Rifle	2.84 kg	5	\$303
Model 38 Centerfire Sporter	.17 CCM	3.63 kg	5 Internal	\$614
Model 38 Centerfire Sporter	.22 CCM	3.97 kg	5 Internal	\$443
Model 40 Centerfire Classic Sporter	.22 Hornet	3.18 kg	5 Internal	\$696
Model 40 Centerfire Classic Sporter	.22 K-Hornet	3.19 kg	5 Internal	\$697
TRP-1	.22 Long Rifle	4.54 kg	1 Internal	\$428
Model 22 Pro-Varmint Extreme	.22-250 Remington	3.71 kg	5 Internal	\$891
Model 22 Pro-Varmint Extreme	.220 Swift	3.85 kg	5 Internal	\$981
Model 22 Pro-Varmint Extreme	6mm PPC	3.65 kg	5 Internal	\$845
Model 22 Pro-Varmint Extreme	.243 Winchester	3.97 kg	5 Internal	\$1046
Model 22 Pro-Varmint Extreme	.25-06 Remington	4.37 kg	5 Internal	\$1316
Model 22 Pro-Varmint Extreme	7.62mm NATO	4.59 kg	5 Internal	\$1476
Model 22 Bench Rest	.22-250 Remington	3.15 kg	1 Internal	\$554
Model 22 Bench Rest	.220 Swift	3.27 kg	1 Internal	\$599
Model 22 Bench Rest	6mm PPC	3.1 kg	1 Internal	\$531
Model 22 Bench Rest	.243 Winchester	3.37 kg	1 Internal	\$631
Model 22 Bench Rest	.25-06 Remington	3.71 kg	1 Internal	\$766
Model 22 Bench Rest	7.62mm NATO	3.9 kg	1 Internal	\$846
Model 22 Black Jack	.22-250 Remington	3.12 kg	5 Internal	\$903
Model 22 Black Jack	.220 Swift	3.24 kg	5 Internal	\$993
Model 22 Black Jack	6mm PPC	3.1 kg	5 Internal	\$857
Model 22 Black Jack	.243 Winchester	3.34 kg	5 Internal	\$1059
Model 22 Black Jack	.25-06 Remington	3.68 kg	5 Internal	\$1329
Model 22 Black Jack	7.62mm NATO	3.86 kg	5 Internal	\$1490

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 21 Varmint Extreme (.17 Rem)	BA	2	1-Nil	6	3	Nil	61
Model 21 Varmint Extreme (.17 Mach IV)	BA	2	1-1-Nil	6	3	Nil	84



Model 21 Varmint Extreme (.204)	BA	3	1-Nil	6	3	Nil	68
Model 21 Varmint Extreme (.221)	BA	3	1-Nil	7	3	Nil	81
Model 21 Varmint Extreme (.222)	BA	3	1-Nil	7	3	Nil	81
Model 21 Varmint Extreme (.222 Rem Mag)	BA	3	1-1-Nil	7	3	Nil	90
Model 21 Varmint Extreme (5.56mm)	BA	3	1-Nil	7	3	Nil	80
Model 21 Varmint Extreme (.22 PPC)	BA	3	1-1-Nil	7	3	Nil	100
Model 36 BR-50 (.17 Rem)	SS	2	1-Nil	6	3	Nil	57
Model 36 BR-50 (.17 Mach IV)	SS	2	1-1-Nil	6	2	Nil	78
Model 36 BR-50 (.221)	SS	3	1-Nil	6	3	Nil	75
Model 36 BR-50 (.222)	SS	3	1-Nil	6	3	Nil	76
Model 36 BR-50 (5.56mm)	SS	3	1-Nil	6	3	Nil	74
Model 36 BR-50 (.22 PPC)	SS	3	1-1-Nil	6	3	Nil	94
Model 36 (Rimfire Versions)	BA	1	Nil	6	1	Nil	53
Model 38 Centerfire Sporter (.17 CCM)	BA	2	1-1-Nil	6	2	Nil	91
Model 38 Centerfire Sporter (.22 CCM)	BA	2	1-Nil	6	1	Nil	91
Model 40 Centerfire Classic Sporter (.22 Hornet)	BA	3	1-Nil	6	3	Nil	78
Model 40 Centerfire Classic Sporter (.22 K-Hornet)	BA	3	1-1-Nil	6	3	Nil	93
TRP-1	SS	1	Nil	5	1	Nil	52
Model 22 Pro-Varminter Extreme (.22-250)	BA	3	2-Nil	7	3	Nil	84
Model 22 Pro-Varminter Extreme (.220)	BA	3	1-2-Nil	7	3	Nil	93
Model 22 Pro-Varminter Extreme (6mm)	BA	3	1-2-Nil	7	3	Nil	110
Model 22 Pro-Varminter Extreme (.243)	BA	3	2-Nil	7	4	Nil	87
Model 22 Pro-Varminter Extreme (.25-06)	BA	4	2-3-Nil	8	4	Nil	79
Model 22 Pro-Varminter Extreme (7.62mm)	BA	4	2-3-Nil	8	4	Nil	104
Model 22 Bench Rest (.22-250)	SS	3	1-Nil	6	3	Nil	70
Model 22 Bench Rest (.220)	SS	3	1-2-Nil	6	3	Nil	74
Model 22 Bench Rest (6mm)	SS	3	1-2-Nil	6	3	Nil	93
Model 22 Bench Rest (.243)	SS	3	2-Nil	6	3	Nil	71
Model 22 Bench Rest (.25-06)	SS	4	2-Nil	6	4	Nil	66
Model 22 Bench Rest (7.62mm)	SS	4	2-3-Nil	6	4	Nil	86
Model 22 Black Jack (.22-250)	BA	3	2-Nil	7	3	Nil	84
Model 22 Black Jack (.220)	BA	3	1-2-Nil	7	3	Nil	93
Model 22 Black Jack (6mm)	BA	3	1-2-Nil	7	3	Nil	110
Model 22 Black Jack (.243)	BA	3	2-Nil	7	4	Nil	87
Model 22 Black Jack (.25-06)	BA	4	2-3-Nil	8	4	Nil	79
Model 22 Black Jack (7.62mm)	BA	4	2-3-Nil	8	4	Nil	104

Cooper 57M

Notes: This is a deluxe rimfire rifle designed for adults rather than beginning shooters or children. In real life, it is fairly expensive due to the quality. The stock is made from hand-rubbed oil-finished Claro walnut, beautifully finished. The 24-inch heavy barrel is of stainless steel; it is tapered, lapped, and target-crowned, as well as free-floating. The wood is of fine-quality and has a butt with a non-slip rubber plate (it is *not* a pad). There are no iron sights, but the Cooper 57 is drilled and tapped for a telescopic sight mount. The handguard is ventilated. Optionally, the Model 57M can have very fine or extra-fine quality wood and engraving on the receiver. The Jackson Hunter variant has a synthetic Monte Carlo-type stock; other variants include the LVT (Light Target/Varmint), the Western Classic, the Classic Model (shown below, though most of the rest are identical in game terms), and the benchrest single-shot model with a 24" extra-heavy barrel, the TRP-3.

Twilight 2000 Notes: This rifle does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Cooper 57M	.17 Hornady Magnum Rimfire	2.95 kg	4	\$459
Cooper 57M	.17 Mach 2	2.83 kg	4	\$398
Cooper 57M	.22 Long Rifle	2.95 kg	4	\$310
Cooper 57M	.22 Winchester Magnum Rimfire	3.02 kg	4	\$342
Cooper 57M	.17 Hornady Magnum Rimfire	2.63 kg	4	\$469
Jackson Hunter				
Cooper 57M	.17 Mach 2	2.52 kg	4	\$408
Jackson Hunter				
Cooper 57M	.22 Long Rifle	2.63 kg	4	\$320
Jackson Hunter				

<b>Cooper 57M</b>	<b>.22 Winchester Magnum Rimfire</b>	<b>2.69 kg</b>	<b>4</b>	<b>\$352</b>
<b>Jackson Hunter</b>				
<b>Cooper 57M TRP-3</b>	<b>.22 Long Rifle</b>	<b>3.63 kg</b>	<b>1 Internal</b>	<b>\$307</b>

<b>Weapon</b>	<b>ROF</b>	<b>Damage</b>	<b>Pen</b>	<b>Bulk</b>	<b>SS</b>	<b>Burst</b>	<b>Range</b>
<b>Cooper 57M (.17 HMR)</b>	BA	2	1-Nil	6	2	Nil	72
<b>Cooper 57M (.17 Mach 2)</b>	BA	2	1-Nil	6	1	Nil	61
<b>Cooper 57M (.22 Long Rifle)</b>	BA	1	Nil	6	1	Nil	54
<b>Cooper 57M (.22 Magnum)</b>	BA	1	Nil	6	1	Nil	72
<b>Cooper 57M TRP-3</b>	SS	1	Nil	6	1	Nil	55

## Dakota 76

Notes: A hunting rifle with accuracy more akin to a sniper rifle, the Dakota 76 was designed in the mid 1980s and, though made in limited numbers, has become a classic among American hunting rifles. It is based on the pre-1964 Ruger M-70 Mauser-type action with a number of improvements which increase the accuracy and hardness of the rifle. There are three versions of the Dakota 76, but all three have controlled round feeding and positive extraction, with a special extractor to ensure that this happens. The rifles have a three position safety which allows the bolt to be operated and a round chambered without the possibility of firing the weapon. The Dakota 76 is normally tailored to the individual customer; the weapons described below are "stock" versions.

The Dakota 76 Classic has a stock of Grade XX fancy walnut, hand-polished and oil-finished, with checkering in the appropriate places on the pistol-grip-wrist stock. The butt has a 1-inch thick rubber recoil pad. The standard barrel is 23 inches. The Classic has sling swivels, and the front one may also be used as an attachment point for a bipod. It is equipped with protected adjustable iron sights, both of the normal variety and with a stalking sight further along on the barrel, and is also drilled and tapped for a scope. The sights have inlays to allow them to be used at night.

The Dakota 76 Safari is designed for heavier and longer rounds. It is otherwise very similar to the Classic, but the barrel is heavier, the rear iron sight is omitted, it comes in both right and left-hand versions, and has a removable box magazine. It is in many ways the flagship rifle of the Dakota 76 line.

The Dakota 76 African can fire most standard, long, magnum, and Rigby length cartridges, and uses a 24-inch barrel. It is otherwise similar to the Safari.

<b>Weapon</b>	<b>Ammunition</b>	<b>Weight</b>	<b>Magazines</b>	<b>Price</b>
<b>Dakota 76 Classic</b>	<b>.220 Swift</b>	<b>2.95 kg</b>	<b>4 Internal</b>	<b>\$1012</b>
<b>Dakota 76 Classic</b>	<b>.22-250 Remington</b>	<b>2.85 kg</b>	<b>4 Internal</b>	<b>\$922</b>
<b>Dakota 76 Classic</b>	<b>.243 Winchester</b>	<b>3.09 kg</b>	<b>4 Internal</b>	<b>\$1077</b>
<b>Dakota 76 Classic</b>	<b>6mm Remington</b>	<b>3.1 kg</b>	<b>4 Internal</b>	<b>\$1143</b>
<b>Dakota 76 Classic</b>	<b>.250 Savage</b>	<b>2.99 kg</b>	<b>4 Internal</b>	<b>\$1110</b>
<b>Dakota 76 Classic</b>	<b>6.5-08 A-Square</b>	<b>3.29 kg</b>	<b>4 Internal</b>	<b>\$1408</b>
<b>Dakota 76 Classic</b>	<b>.257 Roberts</b>	<b>2.96 kg</b>	<b>4 Internal</b>	<b>\$1241</b>
<b>Dakota 76 Classic</b>	<b>.25-06 Remington</b>	<b>3.06 kg</b>	<b>4 Internal</b>	<b>\$1347</b>
<b>Dakota 76 Classic</b>	<b>6.5mm Swedish</b>	<b>2.98 kg</b>	<b>4 Internal</b>	<b>\$1261</b>
<b>Dakota 76 Classic</b>	<b>.270 Winchester Short Magnum</b>	<b>3.04 kg</b>	<b>4 Internal</b>	<b>\$1327</b>
<b>Dakota 76 Classic</b>	<b>.270 Winchester</b>	<b>3.14 kg</b>	<b>4 Internal</b>	<b>\$1536</b>
<b>Dakota 76 Classic</b>	<b>7mm-08 Remington</b>	<b>2.98 kg</b>	<b>4 Internal</b>	<b>\$1346</b>
<b>Dakota 76 Classic</b>	<b>7mm Winchester Short Magnum</b>	<b>3.01 kg</b>	<b>4 Internal</b>	<b>\$1375</b>
<b>Dakota 76 Classic</b>	<b>7mm Short-Action UltraMag</b>	<b>2.98 kg</b>	<b>4 Internal</b>	<b>\$1343</b>
<b>Dakota 76 Classic</b>	<b>7mm Mauser</b>	<b>3.07 kg</b>	<b>4 Internal</b>	<b>\$1445</b>
<b>Dakota 76 Classic</b>	<b>7mm Remington Magnum</b>	<b>3.19 kg</b>	<b>4 Internal</b>	<b>\$1575</b>
<b>Dakota 76 Classic</b>	<b>7mm Dakota Magnum</b>	<b>3.19 kg</b>	<b>4 Internal</b>	<b>\$1575</b>
<b>Dakota 76 Classic</b>	<b>.280 Remington</b>	<b>3.21 kg</b>	<b>4 Internal</b>	<b>\$1595</b>
<b>Dakota 76 Classic</b>	<b>7.62mm NATO</b>	<b>3.13 kg</b>	<b>4 Internal</b>	<b>\$1507</b>
<b>Dakota 76 Classic</b>	<b>.30-06 Springfield</b>	<b>3.38 kg</b>	<b>4 Internal</b>	<b>\$1788</b>
<b>Dakota 76 Classic</b>	<b>.300 Winchester Short Magnum</b>	<b>3.19 kg</b>	<b>4 Internal</b>	<b>\$1560</b>
<b>Dakota 76 Classic</b>	<b>.300 Short-Action UltraMag</b>	<b>3.15 kg</b>	<b>4 Internal</b>	<b>\$1510</b>
<b>Dakota 76 Classic</b>	<b>.300 Winchester Magnum</b>	<b>3.61 kg</b>	<b>4 Internal</b>	<b>\$2332</b>
<b>Dakota 76 Classic</b>	<b>.300 Dakota Magnum</b>	<b>3.44 kg</b>	<b>4 Internal</b>	<b>\$1824</b>
<b>Dakota 76 Classic</b>	<b>.325 Winchester Short Magnum</b>	<b>3.32 kg</b>	<b>4 Internal</b>	<b>\$1683</b>
<b>Dakota 76 Classic</b>	<b>.330 Dakota Magnum</b>	<b>3.87 kg</b>	<b>4 Internal</b>	<b>\$2623</b>
<b>Dakota 76 Classic</b>	<b>.338-06 A-Square</b>	<b>4.01 kg</b>	<b>4 Internal</b>	<b>\$2808</b>
<b>Dakota 76 Classic</b>	<b>.338 Winchester Magnum</b>	<b>3.83 kg</b>	<b>4 Internal</b>	<b>\$2554</b>
<b>Dakota 76 Classic</b>	<b>.35 Whelan</b>	<b>4 kg</b>	<b>4 Internal</b>	<b>\$2776</b>
<b>Dakota 76 Classic</b>	<b>.358 Winchester</b>	<b>3.72 kg</b>	<b>4 Internal</b>	<b>\$2388</b>
<b>Dakota 76 Classic</b>	<b>.375 H&amp;H Magnum</b>	<b>4.42 kg</b>	<b>4 Internal</b>	<b>\$3278</b>



Dakota 76 Classic	.375 Dakota Magnum	4.25 kg	4 Internal	\$3034
Dakota 76 Classic	.404 Dakota Magnum	4.89 kg	4 Internal	\$3936
Dakota 76 Classic	.416 Taylor	4.6 kg	4 Internal	\$3474
Dakota 76 Classic	.458 Winchester Magnum	4.98 kg	4 Internal	\$4038
Dakota 76 Safari	.257 Roberts	3.86 kg	4	\$1246
Dakota 76 Safari	.25-06 Remington	3.99 kg	4	\$1351
Dakota 76 Safari	6.5mm Swedish	3.89 kg	4	\$1266
Dakota 76 Safari	.270 Winchester	4.23 kg	4	\$1540
Dakota 76 Safari	.280 Remington	4.3 kg	4	\$1560
Dakota 76 Safari	7mm Mauser	4.13 kg	4	\$1450
Dakota 76 Safari	7mm Remington UltraMag	4.49 kg	4	\$1754
Dakota 76 Safari	7mm Remington Magnum	4.3 kg	4	\$1579
Dakota 76 Safari	7mm Dakota Magnum	4.3 kg	4	\$1579
Dakota 76 Safari	.30-06 Springfield	4.54 kg	4	\$1792
Dakota 76 Safari	.300 Remington UltraMag	4.96 kg	4	\$2480
Dakota 76 Safari	.300 Winchester Magnum	4.83 kg	4	\$2348
Dakota 76 Safari	.300 H&H Magnum	4.97 kg	4	\$2483
Dakota 76 Safari	.300 Dakota Magnum	4.61 kg	4	\$1828
Dakota 76 Safari	.330 Dakota Magnum	5.16 kg	4	\$2638
Dakota 76 Safari	.338 Winchester Magnum	5.09 kg	4	\$2569
Dakota 76 Safari	.338-06 A-Square	5.34 kg	4	\$2823
Dakota 76 Safari	.35 Whelan	5.31 kg	4	\$2792
Dakota 76 Safari	.375 Remington UltraMag	5.8 kg	4	\$3303
Dakota 76 Safari	.375 H&H Magnum	5.79 kg	4	\$3293
Dakota 76 Safari	.375 Dakota Magnum	5.58 kg	4	\$3049
Dakota 76 Safari	.404 Dakota Magnum	6.43 kg	4	\$3972
Dakota 76 Safari	.416 Remington Magnum	6.34 kg	4	\$3863
Dakota 76 Safari	.416 Taylor	6.03 kg	4	\$3489
Dakota 76 Safari	.458 Winchester Magnum	6.52 kg	4	\$4052
Dakota 76 Safari	.458 Lott	6.83 kg	4	\$4440
Dakota 76 African	.257 Roberts	4.36 kg	4	\$1262
Dakota 76 African	.25-06 Remington	4.51 kg	4	\$1368
Dakota 76 African	6.5mm Swedish	4.39 kg	4	\$1283
Dakota 76 African	.270 Winchester	4.77 kg	4	\$1557
Dakota 76 African	.280 Remington	4.85 kg	4	\$1616
Dakota 76 African	7mm Mauser	4.66 kg	4	\$1467
Dakota 76 African	7mm Remington Magnum	4.83 kg	4	\$1596
Dakota 76 African	7mm Remington UltraMag	5.05 kg	4	\$1770
Dakota 76 African	7mm Dakota Magnum	4.83 kg	4	\$1596
Dakota 76 African	.30-06 Springfield	5.1 kg	4	\$1809
Dakota 76 African	.300 Remington UltraMag	5.58 kg	4	\$2529
Dakota 76 African	.300 Winchester Magnum	5.43 kg	4	\$2398
Dakota 76 African	.300 H&H Magnum	5.58 kg	4	\$2532
Dakota 76 African	.300 Dakota Magnum	5.17 kg	4	\$1845
Dakota 76 African	.330 Dakota Magnum	5.8 kg	4	\$2688
Dakota 76 African	.338 Remington UltraMag	5.93 kg	4	\$2809
Dakota 76 African	.338 Winchester Magnum	5.73 kg	4	\$2619
Dakota 76 African	.338 Lapua Magnum	5.91 kg	4	\$2784
Dakota 76 African	.338-06 A-Square	6 kg	4	\$2873
Dakota 76 African	.35 Whelan	5.97 kg	4	\$2841
Dakota 76 African	.375 Remington UltraMag	6.51 kg	4	\$3353
Dakota 76 African	.375 H&H Magnum	6.5 kg	4	\$3342
Dakota 76 African	.375 Dakota Magnum	6.26 kg	4	\$3099
Dakota 76 African	.404 Dakota Magnum	7.2 kg	4	\$4022
Dakota 76 African	.416 Remington Magnum	7.1 kg	4	\$3912
Dakota 76 African	.416 Taylor	6.76 kg	4	\$3538
Dakota 76 African	.416 Rigby	7.17 kg	4	\$3966
Dakota 76 African	.450 Dakota Magnum	7.7 kg	4	\$4555
Dakota 76 African	.458 Winchester Magnum	7.32 kg	4	\$4101
Dakota 76 African	.458 Lott	7.67 kg	4	\$4490

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Dakota 76 Classic (.220)	BA	3	2-Nil	6	3	Nil	60
Dakota 76 Classic (.22-250)	BA	3	1-Nil	6	3	Nil	69
Dakota 76 Classic (.243)	BA	3	2-Nil	7	3	Nil	70
Dakota 76 Classic (6mm Rem)	BA	3	2-Nil	7	3	Nil	64
Dakota 76 Classic (.250)	BA	3	2-Nil	7	4	Nil	79
Dakota 76 Classic (6.5-08)	BA	4	2-3-Nil	7	4	Nil	62
Dakota 76 Classic (.257)	BA	4	2-Nil	7	4	Nil	68
Dakota 76 Classic (.25-06)	BA	4	2-Nil	7	4	Nil	61
Dakota 76 Classic (6.5mm)	BA	4	2-Nil	7	4	Nil	72
Dakota 76 Classic (.270 WSM)	BA	4	1-2-3	7	4	Nil	94
Dakota 76 Classic (.270 Win)	BA	4	2-3-Nil	7	4	Nil	65
Dakota 76 Classic (7mm-08)	BA	4	2-3-Nil	7	4	Nil	82
Dakota 76 Classic (7mm WSM)	BA	4	1-2-3	7	4	Nil	96
Dakota 76 Classic (7mm SAUM)	BA	4	1-2-3	7	4	Nil	99
Dakota 76 Classic (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	75
Dakota 76 Classic (7mm Rem Mag)	BA	4	1-2-3	7	4	Nil	81
Dakota 76 Classic (7mm Dakota)	BA	4	1-2-3	7	4	Nil	81
Dakota 76 Classic (.280)	BA	4	2-3-Nil	7	4	Nil	66
Dakota 76 Classic (7.62mm)	BA	4	2-3-Nil	7	4	Nil	84
Dakota 76 Classic (.30-06)	BA	4	2-3-Nil	7	4	Nil	73
Dakota 76 Classic (.300 WSM)	BA	5	1-2-3	7	4	Nil	101
Dakota 76 Classic (.300 SAUM)	BA	5	1-2-3	7	4	Nil	101
Dakota 76 Classic (.300 Win Mag)	BA	5	2-3-Nil	7	4	Nil	83
Dakota 76 Classic (.300 Dakota)	BA	5	1-2-3	7	4	Nil	86
Dakota 76 Classic (.325 WSM)	BA	5	1-2-3	7	4	Nil	101
Dakota 76 Classic (.330 Dakota)	BA	6	1-3-Nil	7	5	Nil	94
Dakota 76 Classic (.338-06)	BA	6	1-3-Nil	8	5	Nil	101
Dakota 76 Classic (.338 Win Mag)	BA	6	1-3-Nil	7	5	Nil	96
Dakota 76 Classic (.35)	BA	5	2-4-Nil	7	5	Nil	84
Dakota 76 Classic (.358 Win)	BA	5	2-4-Nil	7	5	Nil	84
Dakota 76 Classic (.375 H&H)	BA	6	1-3-Nil	8	5	Nil	112
Dakota 76 Classic (.375 Dakota)	BA	6	1-3-Nil	8	5	Nil	101
Dakota 76 Classic (.404)	BA	7	1-3-5	8	5	Nil	101
Dakota 76 Classic (.416 Taylor)	BA	7	1-3-5	8	5	Nil	101
Dakota 76 Classic (.458)	BA	7	1-3-5	8	5	Nil	101
Dakota 76 Safari (.257)	BA	4	2-Nil	7	3	Nil	71
Dakota 76 Safari (.25-06)	BA	4	2-Nil	7	3	Nil	63
Dakota 76 Safari (6.5mm)	BA	4	2-Nil	7	3	Nil	75
Dakota 76 Safari (.270 Win)	BA	4	2-3-Nil	7	3	Nil	67
Dakota 76 Safari (.280)	BA	4	2-3-Nil	7	3	Nil	69
Dakota 76 Safari (7mm Mauser)	BA	4	2-3-Nil	7	3	Nil	78
Dakota 76 Safari (7mm RUM)	BA	4	1-2-3	7	3	Nil	88
Dakota 76 Safari (7mm Rem Mag)	BA	4	1-2-3	7	3	Nil	84
Dakota 76 Safari (7mm Dakota)	BA	4	1-2-3	7	3	Nil	84
Dakota 76 Safari (.30-06)	BA	4	2-3-Nil	7	3	Nil	76
Dakota 76 Safari (.300 RUM)	BA	5	1-2-3	7	3	Nil	95
Dakota 76 Safari (.300 Win Mag)	BA	5	1-2-3	7	3	Nil	87
Dakota 76 Safari (.300 H&H)	BA	5	1-2-3	7	3	Nil	95
Dakota 76 Safari (.300 Dakota)	BA	5	1-2-3	7	3	Nil	89
Dakota 76 Safari (.330 Dakota)	BA	6	1-3-Nil	7	4	Nil	97
Dakota 76 Safari (.338 Win Mag)	BA	6	1-3-Nil	7	4	Nil	100
Dakota 76 Safari (.338-06)	BA	6	1-3-Nil	8	4	Nil	104
Dakota 76 Safari (.35)	BA	5	2-4-Nil	8	4	Nil	88
Dakota 76 Safari (.375 RUM)	BA	7	1-3-5	8	4	Nil	116
Dakota 76 Safari (.375 H&H)	BA	7	1-3-5	8	4	Nil	116

Dakota 76 Safari (.375 Dakota)	BA	6	1-3-Nil	8	4	Nil	105
Dakota 76 Safari (.404 Dakota)	BA	7	1-3-5	8	4	Nil	105
Dakota 76 Safari (.416 Rem Mag)	BA	7	1-3-5	8	4	Nil	105
Dakota 76 Safari (.416 Taylor)	BA	7	1-3-5	8	4	Nil	105
Dakota 76 Safari (.458 Win Mag)	BA	7	1-3-5	8	4	Nil	105
Dakota 76 Safari (.458 Lott)	BA	8	1-2-3	8	5	Nil	105
Dakota 76 African (.257)	BA	4	2-Nil	7	3	Nil	78
Dakota 76 African (.25-06)	BA	4	2-3-Nil	7	3	Nil	70
Dakota 76 African (6.5mm)	BA	4	2-Nil	7	3	Nil	83
Dakota 76 African (.270 Win)	BA	4	2-3-Nil	7	3	Nil	74
Dakota 76 African (.280)	BA	4	2-3-Nil	7	3	Nil	76
Dakota 76 African (7mm Mauser)	BA	4	2-3-Nil	7	3	Nil	86
Dakota 76 African (7mm Rem Mag)	BA	4	1-2-3	7	3	Nil	93
Dakota 76 African (7mm RUM)	BA	4	1-2-3	7	3	Nil	97
Dakota 76 African (7mm Dakota)	BA	4	1-2-3	7	3	Nil	93
Dakota 76 African (.30-06)	BA	4	2-3-Nil	8	3	Nil	84
Dakota 76 African (.300 RUM)	BA	5	1-2-3	8	3	Nil	106
Dakota 76 African (.300 Win Mag)	BA	5	2-3-Nil	8	3	Nil	96
Dakota 76 African (.300 H&H)	BA	5	1-2-3	8	3	Nil	105
Dakota 76 African (.300 Dakota)	BA	5	2-3-Nil	8	3	Nil	98
Dakota 76 African (.330 Dakota)	BA	6	1-3-Nil	8	4	Nil	107
Dakota 76 African (.338 RUM)	BA	6	1-3-Nil	8	4	Nil	119
Dakota 76 African (.338 Win Mag)	BA	6	1-3-Nil	8	4	Nil	110
Dakota 76 African (.338 Lapua)	BA	6	1-3-Nil	8	4	Nil	101
Dakota 76 African (.338-06)	BA	6	1-3-Nil	8	4	Nil	116
Dakota 76 African (.35)	BA	5	2-4-Nil	8	4	Nil	97
Dakota 76 African (.375 RUM)	BA	7	1-3-5	8	4	Nil	129
Dakota 76 African (.375 H&H)	BA	7	1-3-5	8	4	Nil	128
Dakota 76 African (.375 Dakota)	BA	6	1-3-Nil	8	4	Nil	116
Dakota 76 African (.404 Dakota)	BA	7	1-3-5	9	4	Nil	116
Dakota 76 African (.416 Rem Mag)	BA	7	1-3-5	8	4	Nil	116
Dakota 76 African (.416 Taylor)	BA	7	1-3-5	8	4	Nil	116
Dakota 76 African (.416 Rigby)	BA	7	1-3-5	8	4	Nil	128
Dakota 76 African (.450 Dakota)	BA	8	1-2-3	9	5	Nil	116
Dakota 76 African (.458 Win Mag)	BA	8	1-3-5	9	4	Nil	116
Dakota 76 African (.458 Lott)	BA	8	1-2-3	9	5	Nil	116

Daisy Model 2201 Legacy

Notes: Though known mostly as a maker of air and BB guns (I even had one when I was a kid), Daisy has occasionally built rimfire rifles. The only one to achieve any kind of success was the Model 2201 Legacy, which was a single-shot rifle. It actually uses a heavy octagonal barrel, and a synthetic stock. The trigger unit can be removed to deactivate the rifle. The barrel can also be easily removed. The receiver is grooved for a telescopic sight mount. Variants include the Model 2202, with a 10-round detachable rotary magazine, and the Model 2203, which is semiautomatic and feeds from a detachable 7-round box magazine. The Model 2203 is rare.

Weapon	Ammunition	Weight	Magazines	Price
Model 2201	.22 Long Rifle	3.04 kg	1 Internal	\$264
Model 2202	.22 Long Rifle	3.11 kg	10	\$284
Model 2203	.22 Long Rifle	3.11 kg	7	\$271

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 2201	SS	1	Nil	5	1	Nil	49
Model 2202	BA	1	Nil	5	1	Nil	49
Model 2203	SA	1	Nil	5	1	Nil	45

Dakota .22 Sporter

Notes: This is a rimfire rifle from a company that is better known for its rifles chambered for proprietary magnum rounds. It is basically a smaller version of Dakota's larger offerings. Like those rifles, the .22 Sporter locks in two places, with a large locking lever and projecting guide lug opposite this lever. The firing pin is a two-piece affair, and the safety lever resembles that of the Winchester 70. The trigger mechanism, too, is similar to that of the Winchester 70. The first .33 Sporters had no iron sights (being only drilled and tapped for a scope), but in 1999, iron sights were added at customer request, with a rear leaf sight and a front bead sight in a tunnel being used. (These .22 Sporters are still drilled and tapped for a scope.)

Twilight 2000 Notes: Versions with iron sights do not exist.

Weapon	Ammunition	Weight	Magazines	Price
.22 Sporter	.22 Long Rifle	3.6 kg	5	\$284

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
.22 Sporter	BA	1	Nil	5	1	Nil	49

Dakota 76

Notes: A hunting rifle with accuracy more akin to a sniper rifle, the Dakota 76 was designed in the mid 1980s and, though made in limited numbers, has become a classic among American hunting rifles. It is based on the pre-1964 Ruger M-70 Mauser-type action with a number of improvements which increase the accuracy and hardness of the rifle. There are three versions of the Dakota 76, but all three have controlled round feeding and positive extraction, with a special extractor to ensure that this happens. The rifles have a three position safety which allows the bolt to be operated and a round chambered without the possibility of firing the weapon. The Dakota 76 is normally tailored to the individual customer; the weapons described below are "stock" versions.

The Dakota 76 Classic has a stock of Grade XX fancy walnut, hand-polished and oil-finished, with checkering in the appropriate places on the pistol-grip-wrist stock. The butt has a 1-inch thick rubber recoil pad. The standard barrel is 23 inches. The Classic has sling swivels, and the front one may also be used as an attachment point for a bipod. It is equipped with protected adjustable iron sights, both of the normal variety and with a stalking sight further along on the barrel, and is also drilled and tapped for a scope. The

sights have inlays to allow them to be used at night.

The Dakota 76 Safari is designed for heavier and longer rounds. It is otherwise very similar to the Classic, but the barrel is heavier, the rear iron sight is omitted, it comes in both right and left-hand versions, and has a removable box magazine. It is in many ways the flagship rifle of the Dakota 76 line.

The Dakota 76 African can fire most standard, long, magnum, and Rigby length cartridges, and uses a 24-inch barrel. It is otherwise similar to the Safari.

Weapon	Ammunition	Weight	Magazines	Price
Dakota 76 Classic	.220 Swift	2.95 kg	4 Internal	\$1012
Dakota 76 Classic	.22-250 Remington	2.85 kg	4 Internal	\$922
Dakota 76 Classic	.243 Winchester	3.09 kg	4 Internal	\$1077
Dakota 76 Classic	6mm Remington	3.1 kg	4 Internal	\$1143
Dakota 76 Classic	.250 Savage	2.99 kg	4 Internal	\$1110
Dakota 76 Classic	6.5-08 A-Square	3.29 kg	4 Internal	\$1408
Dakota 76 Classic	.257 Roberts	2.96 kg	4 Internal	\$1241
Dakota 76 Classic	.25-06 Remington	3.06 kg	4 Internal	\$1347
Dakota 76 Classic	6.5mm Swedish	2.98 kg	4 Internal	\$1261
Dakota 76 Classic	.270 Winchester Short Magnum	3.04 kg	4 Internal	\$1327
Dakota 76 Classic	.270 Winchester	3.14 kg	4 Internal	\$1536
Dakota 76 Classic	7mm-08 Remington	2.98 kg	4 Internal	\$1346
Dakota 76 Classic	7mm Winchester Short Magnum	3.01 kg	4 Internal	\$1375
Dakota 76 Classic	7mm Short-Action UltraMag	2.98 kg	4 Internal	\$1343
Dakota 76 Classic	7mm Mauser	3.07 kg	4 Internal	\$1445
Dakota 76 Classic	7mm Remington Magnum	3.19 kg	4 Internal	\$1575
Dakota 76 Classic	7mm Dakota Magnum	3.19 kg	4 Internal	\$1575
Dakota 76 Classic	.280 Remington	3.21 kg	4 Internal	\$1595
Dakota 76 Classic	7.62mm NATO	3.13 kg	4 Internal	\$1507
Dakota 76 Classic	.30-06 Springfield	3.38 kg	4 Internal	\$1788
Dakota 76 Classic	.300 Winchester Short Magnum	3.19 kg	4 Internal	\$1560
Dakota 76 Classic	.300 Short-Action UltraMag	3.15 kg	4 Internal	\$1510
Dakota 76 Classic	.300 Winchester Magnum	3.61 kg	4 Internal	\$2332

Dakota 76 Classic	.300 Dakota Magnum	3.44 kg	4 Internal	\$1824
Dakota 76 Classic	.325 Winchester Short Magnum	3.32 kg	4 Internal	\$1683
Dakota 76 Classic	.330 Dakota Magnum	3.87 kg	4 Internal	\$2623
Dakota 76 Classic	.338-06 A-Square	4.01 kg	4 Internal	\$2808
Dakota 76 Classic	.338 Winchester Magnum	3.83 kg	4 Internal	\$2554
Dakota 76 Classic	.35 Whelan	4 kg	4 Internal	\$2776
Dakota 76 Classic	.358 Winchester	3.72 kg	4 Internal	\$2388
Dakota 76 Classic	.375 H&H Magnum	4.42 kg	4 Internal	\$3278
Dakota 76 Classic	.375 Dakota Magnum	4.25 kg	4 Internal	\$3034
Dakota 76 Classic	.404 Dakota Magnum	4.89 kg	4 Internal	\$3936
Dakota 76 Classic	.416 Taylor	4.6 kg	4 Internal	\$3474
Dakota 76 Classic	.458 Winchester Magnum	4.98 kg	4 Internal	\$4038
Dakota 76 Safari	.257 Roberts	3.86 kg	4	\$1246
Dakota 76 Safari	.25-06 Remington	3.99 kg	4	\$1351
Dakota 76 Safari	6.5mm Swedish	3.89 kg	4	\$1266
Dakota 76 Safari	.270 Winchester	4.23 kg	4	\$1540
Dakota 76 Safari	.280 Remington	4.3 kg	4	\$1560
Dakota 76 Safari	7mm Mauser	4.13 kg	4	\$1450
Dakota 76 Safari	7mm Remington UltraMag	4.49 kg	4	\$1754
Dakota 76 Safari	7mm Remington Magnum	4.3 kg	4	\$1579
Dakota 76 Safari	7mm Dakota Magnum	4.3 kg	4	\$1579
Dakota 76 Safari	.30-06 Springfield	4.54 kg	4	\$1792
Dakota 76 Safari	.300 Remington UltraMag	4.96 kg	4	\$2480
Dakota 76 Safari	.300 Winchester Magnum	4.83 kg	4	\$2348
Dakota 76 Safari	.300 H&H Magnum	4.97 kg	4	\$2483
Dakota 76 Safari	.300 Dakota Magnum	4.61 kg	4	\$1828
Dakota 76 Safari	.330 Dakota Magnum	5.16 kg	4	\$2638
Dakota 76 Safari	.338 Winchester Magnum	5.09 kg	4	\$2569
Dakota 76 Safari	.338-06 A-Square	5.34 kg	4	\$2823



Dakota 76 Safari	.35 Whelan	5.31 kg	4	\$2792
Dakota 76 Safari	.375 Remington UltraMag	5.8 kg	4	\$3303
Dakota 76 Safari	.375 H&H Magnum	5.79 kg	4	\$3293
Dakota 76 Safari	.375 Dakota Magnum	5.58 kg	4	\$3049
Dakota 76 Safari	.404 Dakota Magnum	6.43 kg	4	\$3972
Dakota 76 Safari	.416 Remington Magnum	6.34 kg	4	\$3863
Dakota 76 Safari	.416 Taylor	6.03 kg	4	\$3489
Dakota 76 Safari	.458 Winchester Magnum	6.52 kg	4	\$4052
Dakota 76 Safari	.458 Lott	6.83 kg	4	\$4440
Dakota 76 African	.257 Roberts	4.36 kg	4	\$1262
Dakota 76 African	.25-06 Remington	4.51 kg	4	\$1368
Dakota 76 African	6.5mm Swedish	4.39 kg	4	\$1283
Dakota 76 African	.270 Winchester	4.77 kg	4	\$1557
Dakota 76 African	.280 Remington	4.85 kg	4	\$1616
Dakota 76 African	7mm Mauser	4.66 kg	4	\$1467
Dakota 76 African	7mm Remington Magnum	4.83 kg	4	\$1596
Dakota 76 African	7mm Remington UltraMag	5.05 kg	4	\$1770
Dakota 76 African	7mm Dakota Magnum	4.83 kg	4	\$1596
Dakota 76 African	.30-06 Springfield	5.1 kg	4	\$1809
Dakota 76 African	.300 Remington UltraMag	5.58 kg	4	\$2529
Dakota 76 African	.300 Winchester Magnum	5.43 kg	4	\$2398
Dakota 76 African	.300 H&H Magnum	5.58 kg	4	\$2532
Dakota 76 African	.300 Dakota Magnum	5.17 kg	4	\$1845
Dakota 76 African	.330 Dakota Magnum	5.8 kg	4	\$2688
Dakota 76 African	.338 Remington UltraMag	5.93 kg	4	\$2809
Dakota 76 African	.338 Winchester Magnum	5.73 kg	4	\$2619
Dakota 76 African	.338 Lapua Magnum	5.91 kg	4	\$2784
Dakota 76 African	.338-06 A-Square	6 kg	4	\$2873

Dakota 76 African	.35 Whelan	5.97 kg	4	\$2841
Dakota 76 African	.375 Remington UltraMag	6.51 kg	4	\$3353
Dakota 76 African	.375 H&H Magnum	6.5 kg	4	\$3342
Dakota 76 African	.375 Dakota Magnum	6.26 kg	4	\$3099
Dakota 76 African	.404 Dakota Magnum	7.2 kg	4	\$4022
Dakota 76 African	.416 Remington Magnum	7.1 kg	4	\$3912
Dakota 76 African	.416 Taylor	6.76 kg	4	\$3538
Dakota 76 African	.416 Rigby	7.17 kg	4	\$3966
Dakota 76 African	.450 Dakota Magnum	7.7 kg	4	\$4555
Dakota 76 African	.458 Winchester Magnum	7.32 kg	4	\$4101
Dakota 76 African	.458 Lott	7.67 kg	4	\$4490

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Dakota 76 Classic (.220)	BA	3	2-Nil	6	3	Nil	60
Dakota 76 Classic (.22-250)	BA	3	1-Nil	6	3	Nil	69
Dakota 76 Classic (.243)	BA	3	2-Nil	7	3	Nil	70
Dakota 76 Classic (6mm Rem)	BA	3	2-Nil	7	3	Nil	64
Dakota 76 Classic (.250)	BA	3	2-Nil	7	4	Nil	79
Dakota 76 Classic (6.5-08)	BA	4	2-3-Nil	7	4	Nil	62
Dakota 76 Classic (.257)	BA	4	2-Nil	7	4	Nil	68
Dakota 76 Classic (.25-06)	BA	4	2-Nil	7	4	Nil	61
Dakota 76 Classic (6.5mm)	BA	4	2-Nil	7	4	Nil	72
Dakota 76 Classic (.270 WSM)	BA	4	1-2-3	7	4	Nil	94
Dakota 76 Classic (.270 Win)	BA	4	2-3-Nil	7	4	Nil	65
Dakota 76 Classic (7mm-08)	BA	4	2-3-Nil	7	4	Nil	82
Dakota 76 Classic (7mm WSM)	BA	4	1-2-3	7	4	Nil	96
Dakota 76 Classic (7mm SAUM)	BA	4	1-2-3	7	4	Nil	99
Dakota 76 Classic (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	75
Dakota 76 Classic (7mm Rem Mag)	BA	4	1-2-3	7	4	Nil	81
Dakota 76 Classic (7mm Dakota)	BA	4	1-2-3	7	4	Nil	81

Dakota 76 Classic (.280)	BA	4	2-3-Nil	7	4	Nil	66
Dakota 76 Classic (7.62mm)	BA	4	2-3-Nil	7	4	Nil	84
Dakota 76 Classic (.30-06)	BA	4	2-3-Nil	7	4	Nil	73
Dakota 76 Classic (.300 WSM)	BA	5	1-2-3	7	4	Nil	101
Dakota 76 Classic (.300 SAUM)	BA	5	1-2-3	7	4	Nil	101
Dakota 76 Classic (.300 Win Mag)	BA	5	2-3-Nil	7	4	Nil	83
Dakota 76 Classic (.300 Dakota)	BA	5	1-2-3	7	4	Nil	86
Dakota 76 Classic (.325 WSM)	BA	5	1-2-3	7	4	Nil	101
Dakota 76 Classic (.330 Dakota)	BA	6	1-3-Nil	7	5	Nil	94
Dakota 76 Classic (.338-06)	BA	6	1-3-Nil	8	5	Nil	101
Dakota 76 Classic (.338 Win Mag)	BA	6	1-3-Nil	7	5	Nil	96
Dakota 76 Classic (.35)	BA	5	2-4-Nil	7	5	Nil	84
Dakota 76 Classic (.358 Win)	BA	5	2-4-Nil	7	5	Nil	84
Dakota 76 Classic (.375 H&H)	BA	6	1-3-Nil	8	5	Nil	112
Dakota 76 Classic (.375 Dakota)	BA	6	1-3-Nil	8	5	Nil	101
Dakota 76 Classic (.404)	BA	7	1-3-5	8	5	Nil	101
Dakota 76 Classic (.416 Taylor)	BA	7	1-3-5	8	5	Nil	101
Dakota 76 Classic (.458)	BA	7	1-3-5	8	5	Nil	101
Dakota 76 Safari (.257)	BA	4	2-Nil	7	3	Nil	71
Dakota 76 Safari (.25-06)	BA	4	2-Nil	7	3	Nil	63
Dakota 76 Safari (6.5mm)	BA	4	2-Nil	7	3	Nil	75
Dakota 76 Safari (.270 Win)	BA	4	2-3-Nil	7	3	Nil	67
Dakota 76 Safari (.280)	BA	4	2-3-Nil	7	3	Nil	69
Dakota 76 Safari (7mm Mauser)	BA	4	2-3-Nil	7	3	Nil	78
Dakota 76 Safari (7mm RUM)	BA	4	1-2-3	7	3	Nil	88
Dakota 76 Safari (7mm Rem Mag)	BA	4	1-2-3	7	3	Nil	84
Dakota 76 Safari (7mm Dakota)	BA	4	1-2-3	7	3	Nil	84
Dakota 76 Safari (.30-06)	BA	4	2-3-Nil	7	3	Nil	76

Dakota 76 Safari (.300 RUM)	BA	5	1-2-3	7	3	Nil	95
Dakota 76 Safari (.300 Win Mag)	BA	5	1-2-3	7	3	Nil	87
Dakota 76 Safari (.300 H&H)	BA	5	1-2-3	7	3	Nil	95
Dakota 76 Safari (.300 Dakota)	BA	5	1-2-3	7	3	Nil	89
Dakota 76 Safari (.330 Dakota)	BA	6	1-3-Nil	7	4	Nil	97
Dakota 76 Safari (.338 Win Mag)	BA	6	1-3-Nil	7	4	Nil	100
Dakota 76 Safari (.338-06)	BA	6	1-3-Nil	8	4	Nil	104
Dakota 76 Safari (.35)	BA	5	2-4-Nil	8	4	Nil	88
Dakota 76 Safari (.375 RUM)	BA	7	1-3-5	8	4	Nil	116
Dakota 76 Safari (.375 H&H)	BA	7	1-3-5	8	4	Nil	116
Dakota 76 Safari (.375 Dakota)	BA	6	1-3-Nil	8	4	Nil	105
Dakota 76 Safari (.404 Dakota)	BA	7	1-3-5	8	4	Nil	105
Dakota 76 Safari (.416 Rem Mag)	BA	7	1-3-5	8	4	Nil	105
Dakota 76 Safari (.416 Taylor)	BA	7	1-3-5	8	4	Nil	105
Dakota 76 Safari (.458 Win Mag)	BA	7	1-3-5	8	4	Nil	105
Dakota 76 Safari (.458 Lott)	BA	8	1-2-3	8	5	Nil	105
Dakota 76 African (.257)	BA	4	2-Nil	7	3	Nil	78
Dakota 76 African (.25-06)	BA	4	2-3-Nil	7	3	Nil	70
Dakota 76 African (6.5mm)	BA	4	2-Nil	7	3	Nil	83
Dakota 76 African (.270 Win)	BA	4	2-3-Nil	7	3	Nil	74
Dakota 76 African (.280)	BA	4	2-3-Nil	7	3	Nil	76
Dakota 76 African (7mm Mauser)	BA	4	2-3-Nil	7	3	Nil	86
Dakota 76 African (7mm Rem Mag)	BA	4	1-2-3	7	3	Nil	93
Dakota 76 African (7mm RUM)	BA	4	1-2-3	7	3	Nil	97
Dakota 76 African (7mm Dakota)	BA	4	1-2-3	7	3	Nil	93
Dakota 76 African (.30-06)	BA	4	2-3-Nil	8	3	Nil	84
Dakota 76 African (.300 RUM)	BA	5	1-2-3	8	3	Nil	106
Dakota 76 African (.300 Win Mag)	BA	5	2-3-Nil	8	3	Nil	96
Dakota 76 African (.300 H&H)	BA	5	1-2-3	8	3	Nil	105

Dakota 76 African (.300 Dakota)	BA	5	2-3-Nil	8	3	Nil	98
Dakota 76 African (.330 Dakota)	BA	6	1-3-Nil	8	4	Nil	107
Dakota 76 African (.338 RUM)	BA	6	1-3-Nil	8	4	Nil	119
Dakota 76 African (.338 Win Mag)	BA	6	1-3-Nil	8	4	Nil	110
Dakota 76 African (.338 Lapua)	BA	6	1-3-Nil	8	4	Nil	101
Dakota 76 African (.338-06)	BA	6	1-3-Nil	8	4	Nil	116
Dakota 76 African (.35)	BA	5	2-4-Nil	8	4	Nil	97
Dakota 76 African (.375 RUM)	BA	7	1-3-5	8	4	Nil	129
Dakota 76 African (.375 H&H)	BA	7	1-3-5	8	4	Nil	128
Dakota 76 African (.375 Dakota)	BA	6	1-3-Nil	8	4	Nil	116
Dakota 76 African (.404 Dakota)	BA	7	1-3-5	9	4	Nil	116
Dakota 76 African (.416 Rem Mag)	BA	7	1-3-5	8	4	Nil	116
Dakota 76 African (.416 Taylor)	BA	7	1-3-5	8	4	Nil	116
Dakota 76 African (.416 Rigby)	BA	7	1-3-5	8	4	Nil	128
Dakota 76 African (.450 Dakota)	BA	8	1-2-3	9	5	Nil	116
Dakota 76 African (.458 Win Mag)	BA	8	1-3-5	9	4	Nil	116
Dakota 76 African (.458 Lott)	BA	8	1-2-3	9	5	Nil	116

Destroyer Silenced Carbine

Notes: This is a variant of the Ruger 77 rifle listed below. The rifle comes in a kit with standard and silenced barrels, and was designed initially for hunters to use to thin game herds without spooking the entire herd at once with a sharp report from a standard rifle. It was later picked for use by US special operations and law enforcement use. The Destroyer Carbine is normally used with .44 Special ammunition when used with the silenced barrel and .44 Magnum ammunition with the standard barrel, though there is also .44 Magnum subsonic ammunition available. The .44 Subsonic ammunition is quieter (Class II noise vs. Class III noise).

Weapon	Ammunition	Weight	Magazines	Price
Destroyer Carbine (Normal Barrel)	.44 Special, .44 Magnum, and .44 Magnum Subsonic	2.73 kg	5-Internal	\$547
Destroyer Carbine (Silenced Barrel)	.44 Special and .44 Magnum Subsonic	3.4 kg	5-Internal	\$660
Set With Both Barrels	NA	2.5 kg	NA	\$730

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Destroyer (Normal, .44 Magnum)	BA	4	1-1-Nil	5	3	Nil	58

Destroyer (Silenced, .44 Special)	BA	2	2-Nil	7	2	Nil	21
Destroyer (Normal, .44 Special)	BA	3	2-Nil	6	3	Nil	56
Destroyer (Silenced, .44 Magnum Subsonic)	BA	2	1-Nil	7	1	Nil	19



Ed Brown Bushveld

Notes: Built around Ed Brown’s patented M-702 action and with most of the design features common to most Ed Brown rifles (see the Savanna below), the Bushveld is designed for hunting large, dangerous game, and thus fires powerful cartridges. The Bushveld uses a non-slip finish to keep it from sliding in the user’s hands, and has synthetic furniture with a Monte Carlo-style stock. Despite the power of its cartridges, the Bushveld has no muzzle brake, unlike most other Ed Brown magnum designs, but does still have the 1-inch thick Pachmayr recoil pad. The Bushveld is drilled and tapped for a scope mount, and also has stalking-style sights. Blued and stainless steel models are available for the .375 H&H Magnum model only; other calibers come only with blued metalwork.

Like other similar Ed Brown rifles, later examples are based upon the Model 704 action, but for most game purposes are identical to the earlier models. However, newer Bushvelds can be chambered for a very wide variety of cartridges. The newer Bushvelds still use the same McMillan synthetic Monte Carlo stock, colored black with metalwork finished in an Ed Brown proprietary finish called “Gen III.” The color of this finish is also matte black. Barrels are uniformly 24 inches and made by Shilen; they are hand-lapped, match-quality, and free-floating with a deep target crown.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Bushveld	.375 H&H Magnum	3.86 kg	3 Internal	\$3352
Bushveld	.416 Remington Magnum	4.08 kg	3 Internal	\$3925
Bushveld	.458 Lott	4.33 kg	3 Internal	\$4505
New Bushveld	.17 Remington	2.5 kg	3 Internal	\$692
New Bushveld	.204 Ruger	2.57 kg	3 Internal	\$838
New Bushveld	5.56mm NATO	2.62 kg	3 Internal	\$911
New Bushveld	.22-250 Remington	2.65 kg	3 Internal	\$958
New Bushveld	.243 Remington	2.74 kg	3 Internal	\$1114
New Bushveld	6mm Remington	2.79 kg	3 Internal	\$1179
New Bushveld	.25-06 Remington	2.91 kg	3 Internal	\$1384
New Bushveld	6.5-284 Norma	2.86 kg	3 Internal	\$1303
New Bushveld	.270 Winchester	3.01 kg	3 Internal	\$1573
New Bushveld	.270 Weatherby	3.01 kg	3 Internal	\$1578
New Bushveld	7mm-08 Remington	2.91 kg	3 Internal	\$1383
New Bushveld	7mm Remington Magnum	3.04 kg	3 Internal	\$1612
New Bushveld	7mm Remington UltraMag	3.21 kg	3 Internal	\$1787
New Bushveld	7mm STW	3.14 kg	3 Internal	\$1787
New Bushveld	.280 Remington	3.05 kg	3 Internal	\$1632
New Bushveld	.280 Ackley Improved	2.94 kg	3 Internal	\$1450
New Bushveld	7.62mm NATO	3 kg	3 Internal	\$1545
New Bushveld	.30-06 Springfield	3.15 kg	3 Internal	\$1826
New Bushveld	.300 Winchester Magnum	3.41 kg	3 Internal	\$2420
New Bushveld	.300 Weatherby Magnum	3.47 kg	3 Internal	\$2541
New Bushveld	.300 Remington UltraMag	3.52 kg	3 Internal	\$2552
New Bushveld	.338 Winchester Magnum	3.51 kg	3 Internal	\$2642
New Bushveld	.338 Remington UltraMag	3.65 kg	3 Internal	\$2832
New Bushveld	.340 Weatherby Magnum	3.63 kg	3 Internal	\$2880
New Bushveld	.375 H&H Magnum	3.86 kg	3 Internal	\$3367
New Bushveld	.375 Remington UltraMag	3.89 kg	3 Internal	\$3378
New Bushveld	.416 Remington Magnum	4.08 kg	3 Internal	\$3839
New Bushveld	.458 Lott	4.33 kg	3 Internal	\$4519

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Bushveld (.375)	BA	7	1-3-5	8	5	Nil	105
Bushveld (.416)	BA	7	1-3-5	8	5	Nil	114
Bushveld (.458)	BA	8	1-2-3	9	6	Nil	114
New Bushveld (.17)	BA	2	1-Nil	6	3	Nil	62
New Bushveld (.204)	BA	3	1-Nil	7	3	Nil	72
New Bushveld (5.56mm)	BA	3	1-Nil	7	3	Nil	81
New Bushveld (.22-250)	BA	3	2-Nil	7	3	Nil	78
New Bushveld (.243)	BA	3	2-Nil	7	3	Nil	81
New Bushveld (6mm)	BA	3	2-Nil	7	4	Nil	75
New Bushveld (.25-06)	BA	4	2-3-Nil	7	4	Nil	71
New Bushveld (6.5-284)	BA	4	1-2-3	7	4	Nil	100

New Bushveld (.270 Win)	BA	4	2-3-Nil	7	4	Nil	75
New Bushveld (.270 Whby)	BA	4	1-2-3	7	4	Nil	90
New Bushveld (7mm-08)	BA	4	2-3-Nil	7	4	Nil	95
New Bushveld (7mm Mag)	BA	4	1-2-3	7	4	Nil	94
New Bushveld (7mm UltraMag)	BA	4	1-2-3	8	4	Nil	82
New Bushveld (7mm STW)	BA	4	1-2-3	8	4	Nil	82
New Bushveld (.280 Rem)	BA	4	2-3-Nil	7	4	Nil	77
New Bushveld (.280 Ackley)	BA	4	1-2-3	7	4	Nil	107
New Bushveld (7.62mm)	BA	4	2-3-Nil	7	4	Nil	97
New Bushveld (.30-06)	BA	4	2-3-Nil	8	4	Nil	85
New Bushveld (.300 Win)	BA	5	2-3-Nil	8	4	Nil	97
New Bushveld (.300 Whby)	BA	5	1-2-3	8	4	Nil	90
New Bushveld (.300 UltraMag)	BA	5	1-2-3	8	4	Nil	89
New Bushveld (.338 Win)	BA	6	1-3-Nil	8	5	Nil	112
New Bushveld (.338 UltraMag)	BA	6	1-3-Nil	8	5	Nil	101
New Bushveld (.340)	BA	6	1-3-Nil	8	5	Nil	99
New Bushveld (.375 H&H)	BA	7	1-3-5	8	5	Nil	109
New Bushveld (.375 UltraMag)	BA	7	1-3-5	8	5	Nil	109
New Bushveld (.416)	BA	7	1-3-5	9	5	Nil	118
New Bushveld (.458)	BA	8	1-2-3	9	6	Nil	118

Ed Brown Compact Varmint

Notes: As the name would indicate, the Compact Varmint is designed primarily for hunting small game, and fires primarily small-caliber, short-action cartridges (though some are large enough in caliber to take down game as large as deer). It is also built around the basic Model 704 action, but only the 5.56mm version uses the push-feed feature; the rest used a controlled feed design, which also increases reliability. The stock is a standard-contour McMillan fiberglass stock within a carbon-graphite shell, but built to an Ed Brown design that provides an almost straight-line profile, and has a Pachmayr Decelerator recoil pad on the butt. The fore-end is wide and rounded on the bottom, but narrow on top (both to save weight and to provide finger grasps). The hand-lapped Shilen 22-inch barrel is extra-heavy, match-quality, and free-floating, with a target crown. No iron sights are provided, but bases are provided which can accept nearly any sort of sight mount. Stocks are usually matte black, with a matte black Gen III finish to the external metalwork. The trigger is a Jewell trigger which is adjustable for weight of pull.

Twilight 2000 Notes: The Compact Varmint is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Compact Varmint	.17 Remington	3.19 kg	5 Internal	\$671
Compact Varmint	.204 Ruger	3.31 kg	5 Internal	\$817
Compact Varmint	5.56mm NATO	3.37 kg	5 Internal	\$890
Compact Varmint	.22-250 Remington	3.41 kg	5 Internal	\$937
Compact Varmint	.243 Winchester	3.68 kg	5 Internal	\$1092
Compact Varmint	6mm Remington	3.75 kg	5 Internal	\$1158
Compact Varmint	.260 Remington	3.94 kg	5 Internal	\$1424
Compact Varmint	6.5-284 Norma	3.84 kg	5 Internal	\$1426
Compact Varmint	7mm-08 Remington	3.84 kg	5 Internal	\$1361
Compact Varmint	7.62mm NATO	3.97 kg	5 Internal	\$1523

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Compact Varmint (.17)	BA	2	1-Nil	6	2	Nil	56
Compact Varmint (.204)	BA	3	1-Nil	6	2	Nil	66
Compact Varmint (5.56mm)	BA	3	1-Nil	6	2	Nil	74
Compact Varmint (.22-250)	BA	3	1-Nil	6	2	Nil	70
Compact Varmint (.243)	BA	3	2-Nil	7	2	Nil	71
Compact Varmint (6mm)	BA	3	2-Nil	7	2	Nil	66
Compact Varmint (.260)	BA	4	2-3-Nil	7	3	Nil	64
Compact Varmint (6.5-284)	BA	4	2-3-Nil	7	3	Nil	79
Compact Varmint (7mm-08)	BA	4	2-3-Nil	7	3	Nil	84
Compact Varmint (7.62mm)	BA	4	2-3-Nil	7	4	Nil	86

Ed Brown Damara

Notes: Though this rifle may look boring and unoriginal, Ed Brown has designed and tweaked the rifle to produce excellent results. It is a fairly light rifle due to its McMillan graphite/composite stock and relatively short barrel; however, strength has not been

sacrificed, due to the advanced materials and construction methods used. The bolt has spiral cuts in it to reduce weight and hold lubrication. The extractor is based on that of the M-16 (which I view with a skeptical eye due to my experiences with M-16 extraction failures, but apparently works extremely well on the Damara). Trigger pull is very light and crisp, and a Jewell trigger group is used. The barrels are stainless Shilen barrels. The buttstock uses a 1-inch thick Pachmayr Decelerator recoil pad.

Like most of Ed Brown's bolt-action rifles, the Damara has for the past year or so been built on the new Model 704 action. This essentially means little for game purposes, except for a larger mix of chamberings. Barrels are 23 inches for the new Damara Standard, and 24 inches for the new Damara Magnum. Standard versions have no muzzle brake, while Magnum versions do.

Twilight 2000 Notes: This weapon does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Damara	.22-250 Remington	2.24 kg	4 Internal	\$854
Damara	.243 Winchester	2.42 kg	4 Internal	\$1009
Damara	6mm Remington	2.5 kg	4 Internal	\$1075
Damara	.260 Remington	2.82 kg	4 Internal	\$1341
Damara	7mm-08 Remington	2.75 kg	4 Internal	\$1279
Damara	7.62mm NATO	2.93 kg	4 Internal	\$1440
Damara	.270 Winchester Short Magnum	2.71 kg	3 Internal	\$1259
Damara	7mm Winchester Short Magnum	2.77 kg	3 Internal	\$1308
Damara	.300 Winchester Short Magnum	2.99 kg	3 Internal	\$1493
Damara Standard	.17 Remington	2.31 kg	4 Internal	\$668
Damara Standard	.204 Ruger	2.4 kg	4 Internal	\$814
Damara Standard	5.56mm NATO	2.44 kg	4 Internal	\$887
Damara Standard	.22-250 Remington	2.47 kg	4 Internal	\$933
Damara Standard	.243 Remington	2.57 kg	4 Internal	\$1089
Damara Standard	6mm Remington	2.61 kg	4 Internal	\$1155
Damara Standard	.25-06 Remington	2.72 kg	4 Internal	\$1359
Damara Standard	6.5-284 Norma	2.68 kg	4 Internal	\$1278
Damara Standard	.270 Winchester	2.83 kg	4 Internal	\$1548
Damara Standard	7mm-08 Remington	2.72 kg	4 Internal	\$1358
Damara Standard	.280 Remington	2.86 kg	4 Internal	\$1608
Damara Standard	.280 Ackley Improved	2.76 kg	4 Internal	\$1425
Damara Standard	7.62mm NATO	2.81 kg	4 Internal	\$1520
Damara Standard	.30-06 Springfield	2.96 kg	4 Internal	\$1801
Damara Magnum	.17 Remington	2.57 kg	4 Internal	\$728
Damara Magnum	.204 Ruger	2.67 kg	4 Internal	\$874
Damara Magnum	5.56mm NATO	2.72 kg	4 Internal	\$947
Damara Magnum	.22-250 Remington	2.75 kg	4 Internal	\$993
Damara Magnum	.243 Remington	2.86 kg	4 Internal	\$1149
Damara Magnum	6mm Remington	2.91 kg	4 Internal	\$1215
Damara Magnum	.25-06 Remington	3.03 kg	4 Internal	\$1419
Damara Magnum	6.5-284 Norma	2.99 kg	4 Internal	\$1338
Damara Magnum	.270 Winchester	3.15 kg	4 Internal	\$1609
Damara Magnum	.270 Weatherby	3.15 kg	3 Internal	\$1613
Damara Magnum	7mm-08 Remington	3.03 kg	4 Internal	\$1418
Damara Magnum	7mm Remington Magnum	3.15 kg	3 Internal	\$1648
Damara Magnum	7mm STW	3.25 kg	4 Internal	\$1823
Damara Magnum	.280 Remington	3.19 kg	4 Internal	\$1668
Damara Magnum	.280 Ackley Improved	3.07 kg	4 Internal	\$1486
Damara Magnum	7.62mm NATO	3.13 kg	4 Internal	\$1580
Damara Magnum	.30-06 Springfield	3.3 kg	4 Internal	\$1861
Damara Magnum	.300 Winchester Magnum	3.6 kg	3 Internal	\$2526
Damara Magnum	.300 Weatherby Magnum	3.66 kg	3 Internal	\$2547
Damara Magnum	.338 Winchester Magnum	3.71 kg	3 Internal	\$2648
Damara Magnum	.340 Weatherby Magnum	3.82 kg	3 Internal	\$2886
Damara Magnum	.375 H&H Magnum	4.04 kg	3 Internal	\$3373

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Damara (.22-250)	BA	3	1-Nil	6	3	Nil	67
Damara (.243)	BA	3	2-Nil	6	3	Nil	68
Damara (6mm)	BA	3	2-Nil	7	3	Nil	62
Damara (.260)	BA	4	2-3-Nil	7	4	Nil	61

Damara (7mm-08)	BA	4	2-3-Nil	7	4	Nil	80
Damara (7.62mm)	BA	4	2-3-Nil	7	4	Nil	82
Damara (.270 Magnum)	BA	5	1-2-3	7	4	Nil	91
Damara (7mm Magnum)	BA	5	1-2-3	7	4	Nil	93
Damara (.300 Magnum)	BA	5	1-2-3	7	4	Nil	98
Damara Standard (.17)	BA	2	1-Nil	6	3	Nil	56
Damara Standard (.204)	BA	3	1-Nil	6	3	Nil	65
Damara Standard (5.56mm)	BA	3	1-Nil	6	3	Nil	73
Damara Standard (.22-250)	BA	3	1-Nil	6	3	Nil	69
Damara Standard (.243)	BA	3	2-Nil	7	3	Nil	70
Damara Standard (6mm)	BA	3	2-Nil	7	3	Nil	64
Damara Standard (.25-06)	BA	4	2-Nil	7	4	Nil	61
Damara Standard (6.5-284)	BA	4	1-2-Nil	7	4	Nil	86
Damara Standard (.270 Win)	BA	4	2-3-Nil	7	4	Nil	65
Damara Standard (7mm-08)	BA	4	2-3-Nil	7	4	Nil	82
Damara Standard (.280 Rem)	BA	4	2-3-Nil	7	4	Nil	66
Damara Standard (.280 Ackley)	BA	4	1-2-3	7	4	Nil	93
Damara Standard (7.62mm)	BA	4	2-3-Nil	7	4	Nil	84
Damara Standard (.30-06)	BA	4	2-3-Nil	7	4	Nil	73
Damara Magnum (.17)	BA	2	1-Nil	6	2	Nil	58
Damara Magnum (.204)	BA	3	1-Nil	7	2	Nil	68
Damara Magnum (5.56mm)	BA	3	1-Nil	7	2	Nil	76
Damara Magnum (.22-250)	BA	3	1-Nil	7	2	Nil	73
Damara Magnum (.243)	BA	3	2-Nil	7	2	Nil	74
Damara Magnum (6mm)	BA	2	2-Nil	7	3	Nil	69
Damara Magnum (.25-06)	BA	4	2-Nil	7	3	Nil	65
Damara Magnum (6.5-284)	BA	4	1-2-Nil	7	3	Nil	92
Damara Magnum (.270 Win)	BA	4	2-3-Nil	7	3	Nil	69
Damara Magnum (.270 Whby)	BA	4	1-2-3	7	3	Nil	82
Damara Magnum (7mm-08)	BA	4	2-3-Nil	7	3	Nil	87
Damara Magnum (7mm Rem Mag)	BA	4	1-2-3	7	3	Nil	86
Damara Magnum (7mm STW)	BA	4	1-2-3	8	3	Nil	75
Damara Magnum (.280 Rem)	BA	4	2-3-Nil	7	3	Nil	70
Damara Magnum (.280 Ackley)	BA	4	1-2-3	7	3	Nil	98
Damara Magnum (7.62mm)	BA	4	2-3-Nil	7	3	Nil	89
Damara Magnum (.30-06)	BA	4	2-3-Nil	8	3	Nil	78
Damara Magnum (.300 Win Mag)	BA	5	2-3-Nil	8	3	Nil	89
Damara Magnum (.300 Whby Mag)	BA	5	1-2-3	8	3	Nil	82
Damara Magnum (.338)	BA	6	1-3-Nil	8	4	Nil	103
Damara Magnum (.340)	BA	6	1-3-Nil	8	4	Nil	91
Damara Magnum (.375)	BA	7	1-3-5	8	4	Nil	99

Ed Brown Express

Notes: Designed specifically for dangerous game hunting, the Express was developed during two years of using the prototypes on actual dangerous game hunts. The Express is built around the M-704 action, and is fed from an enlarged magazine, allowing four rounds even with large magnum rounds. The long action uses a controlled feed design incorporating a larger than normal extractor into the bolt itself, and the action increases the reliability of feed as well as extraction greatly. The base McMillan stock actually had to be redesigned to accommodate both the large magazine and the huge, advanced bolt design. The stock, made from fiberglass within a carbon-graphite shell, has a Monte Carlo design with a very thick recoil pad on the butt. Bases which will accommodate most civilian scopes are provided, as well as stalking-type iron sights. The stainless steel Shilen barrel is normally 24 inches long (25 inches for the UltraMag chamberings), and is heavy, match-quality, hand-lapped, and floating. The stock is almost always matte black in color, and the exterior metalwork is finished in an Ed Brown proprietary finish called “Gen III”, which provides superior rust and corrosion protection. On the Express, this finish is also matte black in color. No muzzle brake is provided (except on the UltraMag chamberings), but the design does mitigate recoil to a decent extent.

Twilight 2000 Notes: The Express does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Express	.25-06 Remington	3.76 kg	4 Internal	\$1460
Express	.270 Winchester	3.82 kg	4 Internal	\$1649



<b>Express</b>	.270 Weatherby Magnum	3.82 kg	4 Internal	\$1654
<b>Express</b>	.280 Remington	3.96 kg	4 Internal	\$1709
<b>Express</b>	.280 Ackley Improved	3.81 kg	4 Internal	\$1526
<b>Express</b>	7mm Remington Magnum	3.94 kg	4 Internal	\$1689
<b>Express</b>	7mm Weatherby Magnum	3.96 kg	4 Internal	\$1714
<b>Express</b>	7mm STW	4.07 kg	4 Internal	\$1863
<b>Express</b>	7mm Remington UltraMag	4.15 kg	4 Internal	\$1925
<b>Express</b>	.30-06 Springfield	4.08 kg	4 Internal	\$1902
<b>Express</b>	.300 Winchester Magnum	4.41 kg	4 Internal	\$2499
<b>Express</b>	.300 Weatherby Magnum	4.49 kg	4 Internal	\$2619
<b>Express</b>	.300 Remington UltraMag	4.56 kg	4 Internal	\$2714
<b>Express</b>	.338 Winchester Magnum	4.55 kg	4 Internal	\$2796
<b>Express</b>	.338 Remington UltraMag	4.73 kg	4 Internal	\$2995
<b>Express</b>	.340 Weatherby Magnum	4.71 kg	4 Internal	\$2959
<b>Express</b>	.375 H&H Magnum	5 kg	4 Internal	\$3376
<b>Express</b>	.375 Remington UltraMag	5.03 kg	4 Internal	\$3540
<b>Express</b>	.416 Remington Magnum	5.28 kg	4 Internal	\$4018
<b>Express</b>	.458 Lott	5.6 kg	4 Internal	\$4598

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Express (.25-06)</b>	BA	4	2-3-Nil	7	3	Nil	71
<b>Express (.270 Win)</b>	BA	4	2-3-Nil	7	3	Nil	76
<b>Express (.270 Whby)</b>	BA	4	1-2-3	7	3	Nil	90
<b>Express (.280 Rem)</b>	BA	4	2-3-Nil	7	3	Nil	77
<b>Express (.280 Ackley)</b>	BA	4	1-2-3	7	3	Nil	108
<b>Express (7mm Rem Mag)</b>	BA	4	1-2-3	7	3	Nil	94
<b>Express (7mm Whby Mag)</b>	BA	4	1-2-3	7	3	Nil	92
<b>Express (7mm STW)</b>	BA	4	1-2-3	8	3	Nil	83
<b>Express (7mm UltraMag)</b>	BA	4	1-2-3	8	2	Nil	88
<b>Express (.30-06)</b>	BA	4	2-3-Nil	8	3	Nil	86
<b>Express (.300 Win Mag)</b>	BA	5	2-3-Nil	8	3	Nil	98
<b>Express (.300 Whby Mag)</b>	BA	5	1-2-3	8	3	Nil	91
<b>Express (.300 UltraMag)</b>	BA	5	1-2-3	8	2	Nil	96
<b>Express (.338 Win Mag)</b>	BA	6	1-3-Nil	8	4	Nil	113
<b>Express (.338 UltraMag)</b>	BA	6	1-3-Nil	8	2	Nil	108
<b>Express (.340)</b>	BA	6	1-3-Nil	8	4	Nil	100
<b>Express (.375 H&amp;H)</b>	BA	7	1-3-5	8	4	Nil	109
<b>Express (.375 UltraMag)</b>	BA	7	1-3-5	9	3	Nil	117
<b>Express (.416)</b>	BA	7	1-3-5	9	4	Nil	119
<b>Express (.458)</b>	BA	8	1-2-3	9	4	Nil	119

**Ed Brown Savanna**

Notes: This is Ed Brown's most popular custom rifle, and like most Ed Brown rifles, is built around the patented M-702 action. Most Ed Brown rifles are hybrids with proven features taken from other rifles, and then improved, and the Savanna is no exception. The parts are largely forged, heat-treated, and hand-fitted; the barrels are match-quality. The muzzle is target-crowned, and the extractor is of the M-16 type. The stock is a McMillan synthetic stock to reduce weight and make it weatherproof. The trigger is a Shilen match trigger, and the bolt has spiral flutes on it to reduce weight, promote smooth action, and distribute lubrication oil. The safety is three position, allowing the bolt and trigger to be completely locked, or be operated without the possibility of the weapon firing. The Savanna has checkering on the fore-end and pistol grip wrist. The butt has a 1-inch thick rubber recoil pad to soften kick. The Savanna has a muzzle brake for all its calibers except for the .30-06, which has no muzzle brake. Metalwork may be blued or stainless steel. The Savanna is drilled and tapped for a scope mount, but has no iron sights.

Later Savannas are built around the new Model 704 action. For game purposes, the rifles are essentially the same, but the mix of chamberings differ from the original rifle considerably. They are also differentiated into Savanna Standard versions (which have no muzzle brakes) and Savanna Magnums (which do have muzzle brakes). All of these use 24-inch barrels, except for the UltraMag chamberings, which have 25-inch barrels.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
<b>Savanna</b>	.30-06 Springfield	3.4 kg	4 Internal	\$1747
<b>Savanna</b>	.300 Winchester Magnum	3.63 kg	3 Internal	\$2379
<b>Savanna</b>	.300 Weatherby Magnum	3.7 kg	3 Internal	\$2500

Savanna	.338 Winchester Magnum	3.76 kg	3 Internal	\$2601
Savanna Standard	.17 Remington	2.65 kg	4 Internal	\$668
Savanna Standard	.204 Ruger	2.76 kg	4 Internal	\$814
Savanna Standard	5.56mm NATO	2.81 kg	4 Internal	\$888
Savanna Standard	.22-250 Remington	2.84 kg	4 Internal	\$934
Savanna Standard	.243 Remington	2.95 kg	4 Internal	\$1090
Savanna Standard	6mm Remington	3 kg	4 Internal	\$1156
Savanna Standard	.25-06 Remington	3.13 kg	4 Internal	\$1361
Savanna Standard	6.5-284 Norma	3.08 kg	4 Internal	\$1279
Savanna Standard	.270 Winchester	3.25 kg	4 Internal	\$1550
Savanna Standard	7mm-08 Remington	3.13 kg	4 Internal	\$1359
Savanna Standard	.280 Remington	3.29 kg	4 Internal	\$1610
Savanna Standard	.280 Ackley Improved	3.17 kg	4 Internal	\$1427
Savanna Standard	7.62mm NATO	3.23 kg	4 Internal	\$1522
Savanna Standard	.30-06 Springfield	3.4 kg	4 Internal	\$1803
Savanna Magnum	.17 Remington	2.72 kg	4 Internal	\$718
Savanna Magnum	.204 Ruger	2.83 kg	4 Internal	\$864
Savanna Magnum	5.56mm NATO	2.88 kg	4 Internal	\$938
Savanna Magnum	.22-250 Remington	2.91 kg	4 Internal	\$984
Savanna Magnum	.243 Remington	3.02 kg	4 Internal	\$1140
Savanna Magnum	6mm Remington	3.07 kg	4 Internal	\$1206
Savanna Magnum	.25-06 Remington	3.2 kg	4 Internal	\$1411
Savanna Magnum	6.5-284 Norma	3.15 kg	4 Internal	\$1329
Savanna Magnum	.270 Winchester	3.32 kg	4 Internal	\$1600
Savanna Magnum	.270 Weatherby	3.32 kg	4 Internal	\$1605
Savanna Magnum	7mm-08 Remington	3.2 kg	4 Internal	\$1409
Savanna Magnum	7mm Remington Magnum	3.35 kg	4 Internal	\$1639
Savanna Magnum	7mm Remington UltraMag	3.53 kg	4 Internal	\$1825
Savanna Magnum	7mm STW	3.46 kg	4 Internal	\$1814
Savanna Magnum	.280 Remington	3.36 kg	4 Internal	\$1660
Savanna Magnum	.280 Ackley Improved	3.24 kg	4 Internal	\$1477
Savanna Magnum	7.62mm NATO	3.3 kg	4 Internal	\$1572
Savanna Magnum	.30-06 Springfield	3.47 kg	4 Internal	\$1853
Savanna Magnum	.300 Winchester Magnum	3.75 kg	4 Internal	\$2418
Savanna Magnum	.300 Weatherby Magnum	3.82 kg	4 Internal	\$2539
Savanna Magnum	.300 Remington UltraMag	3.88 kg	4 Internal	\$2581
Savanna Magnum	.338 Winchester Magnum	3.87 kg	4 Internal	\$2640
Savanna Magnum	.338 Remington UltraMag	4.02 kg	4 Internal	\$2862
Savanna Magnum	.340 Weatherby Magnum	4 kg	4 Internal	\$2879
Savanna Magnum	.375 H&H Magnum	4.25 kg	4 Internal	\$3367
Savanna Magnum	.375 Remington UltraMag	4.28 kg	4 Internal	\$3408

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savanna (.30-06)	BA	4	2-3-Nil	7	4	Nil	82
Savanna (.300 Win Mag)	BA	5	2-3-Nil	8	3	Nil	94
Savanna (.300 Why Mag)	BA	5	1-2-3	8	3	Nil	95
Savanna (.338 Win Mag)	BA	6	1-3-Nil	8	4	Nil	108
Savanna Standard (.17)	BA	2	1-Nil	6	2	Nil	58
Savanna Standard (.204)	BA	3	1-Nil	6	3	Nil	68
Savanna Standard (5.56mm)	BA	3	1-Nil	7	3	Nil	76
Savanna Standard (.22-250)	BA	3	1-Nil	7	3	Nil	73
Savanna Standard (.243)	BA	3	2-Nil	7	4	Nil	74
Savanna Standard (6mm)	BA	3	2-Nil	7	4	Nil	69
Savanna Standard (.25-06)	BA	4	2-Nil	7	4	Nil	65
Savanna Standard (6.5-284)	BA	4	1-2-Nil	7	4	Nil	92
Savanna Standard (.270 Win)	BA	4	2-3-Nil	7	4	Nil	69
Savanna Standard (7mm-08)	BA	4	2-3-Nil	7	4	Nil	87
Savanna Standard (.280 Rem)	BA	4	2-3-Nil	7	4	Nil	70
Savanna Standard (.280 Ackley)	BA	4	1-2-3	7	4	Nil	98



Savanna Standard (7.62mm)	BA	4	2-3-Nil	7	4	Nil	89
Savanna Standard (.30-06)	BA	4	2-3-Nil	7	4	Nil	78
Savanna Magnum (.17)	BA	2	1-Nil	6	2	Nil	58
Savanna Magnum (.204)	BA	3	1-Nil	7	2	Nil	68
Savanna Magnum (5.56mm)	BA	3	1-Nil	7	2	Nil	76
Savanna Magnum (.22-250)	BA	3	1-Nil	7	2	Nil	73
Savanna Magnum (.243)	BA	3	2-Nil	7	2	Nil	74
Savanna Magnum (6mm)	BA	3	2-Nil	7	3	Nil	69
Savanna Magnum (.25-06)	BA	4	2-Nil	7	3	Nil	65
Savanna Magnum (6.5-284)	BA	4	1-2-Nil	7	3	Nil	92
Savanna Magnum (.270 Win)	BA	4	2-3-Nil	7	3	Nil	69
Savanna Magnum (.270 Whby)	BA	4	1-2-3	7	3	Nil	82
Savanna Magnum (7mm-08)	BA	4	2-3-Nil	7	3	Nil	87
Savanna Magnum (7mm Rem Mag)	BA	4	1-2-3	7	3	Nil	86
Savanna Magnum (7mm Rem UltraMag)	BA	4	1-2-3	8	3	Nil	80
Savanna Magnum (7mm STW)	BA	4	1-2-3	8	3	Nil	75
Savanna Magnum (.280 Rem)	BA	4	2-3-Nil	7	3	Nil	70
Savanna Magnum (.280 Ackley)	BA	4	1-2-3	7	3	Nil	98
Savanna Magnum (7.62mm)	BA	4	2-3-Nil	7	3	Nil	89
Savanna Magnum (.30-06)	BA	4	2-3-Nil	8	3	Nil	78
Savanna Magnum (.300 Win Mag)	BA	5	2-3-Nil	8	3	Nil	89
Savanna Magnum (.300 Whby Mag)	BA	5	1-2-3	8	3	Nil	82
Savanna Magnum (.300 Rem UltraMag)	BA	5	1-2-3	8	3	Nil	87
Savanna Magnum (.338 Win Mag)	BA	5	1-3-Nil	8	4	Nil	103
Savanna Magnum (.338 Rem UltraMag)	BA	6	1-3-Nil	8	4	Nil	98
Savanna Magnum (.340)	BA	6	1-3-Nil	8	4	Nil	91
Savanna Magnum (.375 H&H)	BA	7	1-3-5	8	4	Nil	99
Savanna Magnum (.375 Rem UltraMag)	BA	7	1-3-5	8	4	Nil	106

Harrington & Richardson Model 300

Notes: This is a Sako action put into an American-style stock, with a folding leaf rear sight. It is otherwise a standard sporting rifle, and was manufactured from 1965-82. Standard barrels were 22 inches; the rear sight was a Williams ramp-type with a folding leaf sight for long-range work. The stock was of the typical “American style” (pistol grip wrist and a half-length fore-end), with a roll-over comb on the stock, rosewood caps for the fore-end and pistol grip wrist, and a hard rubber buttplate.

Variants of note include the Model 301, with an 18-inch barrel; this weapon does not have a .22-250 chambering. It does, however, have a Monte Carlo-type stock, and a simple folding leaf rear sight was used instead of the ramp/leaf rear sight combination.

The Model 317 Ultra Wildcat is a short-action-only rifle; as the name indicates, it is strengthened to take ammunition experimentation. The Model 317 a Monte Carlo-type stock with checkering on the pistol grip wrist and fore-end. There was also a deluxe version of the Model 317 (the Model 317P), with better woods and basket-weave checkering. (It is identical to the standard Model 317 for game purposes.)

Weapon	Ammunition	Weight	Magazines	Price
Model 300	.22-250 Remington	2.92 kg	5 Internal	\$840
Model 300	.243 Winchester	3.1 kg	5 Internal	\$996
Model 300	7mm Remington Magnum	3.58 kg	5 Internal	\$1496
Model 300	7.62mm NATO	3.51 kg	5 Internal	\$1428
Model 300	.30-06 Springfield	3.98 kg	5 Internal	\$1710
Model 300	.300 Winchester Magnum	4.23 kg	5 Internal	\$2235
Model 301	.243 Winchester	2.9 kg	5 Internal	\$955
Model 301	7mm Remington Magnum	3.35 kg	5 Internal	\$1456
Model 301	7.62mm NATO	3.29 kg	5 Internal	\$1388
Model 301	.30-06 Springfield	3.73 kg	5 Internal	\$1670
Model 301	.300 Winchester Magnum	3.96 kg	5 Internal	\$2113
Model 317	.17 Remington	2.81 kg	5 Internal	\$573
Model 317	.17/223 Remington	2.8 kg	5 Internal	\$568
Model 317	.222 Remington	3.11 kg	5 Internal	\$774
Model 317	5.56mm NATO	3.14 kg	5 Internal	\$793

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
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Model 300 (.22-250)	BA	3	1-Nil	6	3	Nil	65
Model 300 (.243)	BA	3	2-Nil	7	3	Nil	65
Model 300 (7mm)	BA	4	1-2-3	7	4	Nil	75
Model 300 (7.62mm)	BA	4	2-3-Nil	7	5	Nil	79
Model 300 (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
Model 300 (.300)	BA	5	2-3-Nil	7	4	Nil	78
Model 301 (.243)	BA	3	2-Nil	6	3	Nil	49
Model 301 (7mm)	BA	4	1-2-3	6	4	Nil	55
Model 301 (7.62mm)	BA	4	2-3-Nil	6	5	Nil	58
Model 301 (.30-06)	BA	4	2-3-Nil	7	4	Nil	50
Model 301 (.300)	BA	5	2-3-Nil	7	4	Nil	57
Model 317 (.17)	BA	2	1-Nil	6	3	Nil	53
Model 317 (.17/223)	BA	2	1-Nil	6	3	Nil	54
Model 317 (.222)	BA	3	1-Nil	6	3	Nil	71
Model 317 (5.56mm)	BA	3	1-Nil	6	3	Nil	70

FIE Hamilton & Hunter 122

Notes: This is a lightweight, inexpensive rifle, grooved for a scope mount and with double extractors.

Weapon	Ammunition	Weight	Magazines	Price
Hamilton & Hunter 122	.22 Short	2.49 kg	6, 10	\$272
Hamilton & Hunter 122	.22 Long	2.49 kg	6, 10	\$278
Hamilton & Hunter 122	.22 Long Rifle	2.49 kg	6, 10	\$284

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Hamilton & Hunter 122 (.22 Short)	BA	-1	Nil	5	1	Nil	38
Hamilton & Hunter 122 (.22 Long)	BA	1	Nil	5	1	Nil	43
Hamilton & Hunter 122 (.22 Long Rifle)	BA	1	Nil	5	1	Nil	47

Harrington & Richardson Model 265 Reg'lar

Notes: This is a simple rimfire bolt-action design, with a pistol grip stock and otherwise plain features. The base Model 265 was introduced in 1946 and was built until 1961. Stocks were built of simple hardwoods with a half-length fore-end, and the metalwork was of average-quality steel. The barrel was 22 inches, with an adjustable Lyman rear sight and a blade front sight.

There were a number of variants of note: The Model 250 Sporter had a 23-inch barrel and took 5-round magazines only. The rear sight was a spring-leaf type. The Model 251 was a minor variant of the Model 250, using the original Lyman rear sight. These rifles were built from 1948-55.

The Model 365 Ace had no magazine, being breech-fed; it was otherwise the same as the Model 265. It was built only from 1946-47.

The Model 450 was built from 1948-61 and was intended for target shooting. Its barrel was a 26-inch match-quality barrel. The stock had an extended slab-sided fore-end with a flattened underside, and sling swivels were added to the weapon. The choice of iron sight types was large and was up to the buyer; it was also drilled and tapped for both a scope and competition optics. The Model 451 Medalist was a variant of the standard Model 450 with a micro-adjustable Lyman No. 524F rear sight as standard along with a removable Lyman No. 77 optical competition sight.

The Model 465 Targeteer was another target pattern with a 25-inch match-quality barrel and 10-round magazine; the sights consisted of a peep rear sight and a bead front, along with an optical competition sight. It was built for only a short time from 1946-47. The Model 466 Targeteer Junior was the same, but had only a 20-inch barrel; the stock also had a shorter length of pull. The Model 466 was built from 1948-51.

The Model 852 Fieldsman had a 24-inch barrel and a tubular magazine, and could fire .22 Short, .22 Long, or .22 Long Rifle. The sights were of the spring-leaf and elevator type. It was built for only a few short months from 1952-53.

The Model 865 Plainsman was the longest-lived of the series; it was built from 1949 to the buyout of Harrington & Richardson by New England Firearms in 1986. It could be had with a 22 or 24-inch barrel and a variety of iron sights. Drilling and tapping was optional. A minor variant of the Model 865 was the Model 866; built only for a few short months in 1971, it had a full-length fore-end. The Model 866 is the same as the Model 865 for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
Model 265 Reg'lar	.22 Long Rifle	2.95 kg	10	\$289
Model 250 Sportster	.22 Long Rifle	3 kg	5	\$299
Model 365 Ace	.22 Long Rifle	2.89 kg	1 Internal	\$269
Model 450	.22 Long Rifle	4.56 kg	5	\$325
Model 451 Medalist	.22 Long Rifle	4.76 kg	5	\$475
Model 465 Targeteer	.22 Long Rifle	4.08 kg	10	\$464

<b>Model 466 Targeteer Junior</b>	.22 Long Rifle	3.18 kg	5	\$414
<b>Model 852 Fieldsman</b>	.22 Short, .22 Long, and .22 Long Rifle	2.49 kg	21 (.22 Short), 17 (.22 Long), 14 (.22 Long Rifle); Tubular	\$305
<b>Model 865 Plainsman (22" Barrel)</b>	.22 Long Rifle	2.05 kg	5	\$284
<b>Model 865 Plainsman (24" Barrel)</b>	.22 Long Rifle	2.15 kg	5	\$304

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Model 265 Reg'lar</b>	BA	1	Nil	5	1	Nil	49
<b>Model 250 Sportster</b>	BA	1	Nil	5	1	Nil	51
<b>Model 365 Ace</b>	SS	1	Nil	5	1	Nil	49
<b>Model 450</b>	BA	1	Nil	6	1	Nil	57
<b>Model 451 Medalist</b>	BA	1	Nil	6	1	Nil	57
<b>Model 465 Targeteer</b>	BA	1	Nil	6	1	Nil	55
<b>Model 466 Targeteer Junior</b>	BA	1	Nil	5	1	Nil	45
<b>Model 852 Fieldsman (.22 Short)</b>	BA	-2	Nil	6	1	Nil	43
<b>Model 852 Fieldsman (.22 Long)</b>	BA	1	Nil	6	1	Nil	49
<b>Model 852 Fieldsman (.22 Long Rifle)</b>	BA	1	Nil	6	1	Nil	53
<b>Model 865 Plainsman (22")</b>	BA	1	Nil	5	1	Nil	49
<b>Model 865 Plainsman (24")</b>	BA	1	Nil	6	1	Nil	53

### Harrington & Richardson 5200

Notes: This is a plain, though sturdy and attractive, bolt-action rimfire rifle. The bolt handle and trigger unit, made of simple steel stampings, were a bit flimsy, however. Despite this, performance was surprisingly good. The Model 5200 Match version had an astounding 28-inch heavyweight barrel, and the fore-end accepted a sling, biathlon harness, or palm rest.

Weapon	Ammunition	Weight	Magazines	Price
<b>Model 5200</b>	.22 Long Rifle	2.52 kg	5	\$304
<b>Model 5200 Match</b>	.22 Long Rifle	4.99 kg	5	\$352

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Model 5200</b>	BA	1	Nil	6	1	Nil	53
<b>Model 5200 Match</b>	BA	1	Nil	6	1	Nil	62

### Hill Country Rifles

Notes: This is sort of a polyglot of an entry; this is because, for the most part, Hill Country Rifles does not make rifles from a start, but instead takes a good rifle and makes it excellent or assemble rifles from quality components. Their rifles are bolt-action rifles with modifications designed to increase accuracy, increase flexibility in deployment, increase power, take a rifle with a wood stock and give it a synthetic stock (or vice versa), or make a rifle lighter and/or easier to handle (or any all of the above). Though I will show a sample of their work here, their rifles are quite often made to individual specifications or as a small group to certain specifications.

The first rifle we will consider is the Accurized Winchester 70 Supergrade. Produced for the .30-06 Springfield cartridge, the stock is of walnut and very finely finished, with high-gloss laminated wood and blued external metal with a high deep blue finish. The fore-end has an ebony cap, and the Winchester 70 checkering is present. The finish is, if anything, absolutely top-notch. The pistol grip wrist cap is of polished natural metal steel, the bottom of the magazine and trigger pack are of a solid steel piece, and the rifle has cross bolts to help take up the felt recoil. The butt has a Pachmayr Decelerator recoil pad. It's 20-inch barrel has a match-quality tapered barrel (normal to light at the muzzle) to reduce weight and improve balance, and it is target crowned. The barrel is glass bedded with aluminum pillars. Three scope mounts are drilled and tapped, though only two scope rings are included with the rifle; these rings are lapped to allow easier installs and the ability to use a variety of scopes. The three mounts together allow the installation of a Weaver or MIL-STD-1913 rail, or a scope in the scout position. The trigger is the equivalent of a match trigger, with a mere 3-pound pull weight.

The Custom Field Stalker is an assemblage of quality parts that make more than the sum of their parts. The Custom Field Stalker is based around a Stiller Precision Predator action, with a one-piece fluted bolt and an M-16-type extractor. The match grade Timney trigger is finely tuned and has a very light pull weight. The 22-inch barrel is of heavy profile, of match-grade stainless steel, and is tipped with a target crown. The entire rifle's parts are hand-finished and accurized. The stock is a McMillan Remington Sporter Stock, of black synthetic and fitted with a Pachmayr Decelerator recoil pad. The trigger guard and floorplate are made from one piece. Sling swivels are found on the stock and under the fore-end. The pistol grip wrist and fore-end are textured for grip.

The Custom Long Range Tactical is sort of a big brother to the Custom Field Stalker, firing the powerful .338 Lapua Magnum cartridge. It is built on a Stiller TAC-338 action designed for such high-power rifles, with a one-piece fluted bolt. Below this is the match-quality Timney trigger with a very light touch. The stainless steel barrel is 27 inches long, with a bull profile, and aluminum pillar

and glass bedding. This barrel is tipped with a Badger Ordnance Thruster Compensator muzzle brake, but the muzzle brake is removable and the threads will accept most aftermarket muzzle brakes or silencers. The rifle uses a McMillan A5 synthetic stock with an adjustable cheekpiece and a Pachmayr Decelerator recoil pad. The magazines used are AI magazines. Finish is Sniper Gray Cerakote, while the stock is black with texturing on the pistol grip wrist and fore-end.

The Field Stalker is a magnum rifle designed for hunting medium to large animals. The rifle is built around a CNC-machined Stiller Predator action with a one-piece fluted bolt, which then is further hand-fitted. The rifle has an M-16-type extractor and a Timney trigger pack with a very light pull weight set. The 24-inch stainless steel barrel is of heavy profile and is tipped with a target crown. The barrel is further specially-bedded with aluminum pillar and glass bedding. The parts are put into an olive Precision Stock Works Rifleman stock with a Black Speckle finish, with the parts and barrel being again hand-fitted at this point. A Pachmayr Decelerator recoil pad is fitted to the butt. External metal has been given a Graphite Black Cerakote finish.

The Harvester Series are based on Remington 700 BDL actions, fitted with new barrels, new stocks, and given an accurization that includes in some parts hand-fitting. The Harvester uses an aluminum pillar and glass bedding for the barrel, and mounted into a McMillan Mountain Rifle stock with an olive and black-speckled stock finish. The stock has sling swivels under the stock and fore-end, with the pistol grip wrist and fore-end being textured for grip. The trigger is a Remington X-Pro trigger, but tuned at the factory to a light touch and smooth operation. Exterior metalwork is in Graphite Black Cerakote.

The Harvester in 5.56mm NATO has a 22-inch barrel with a stainless steel match-quality barrel and a target crown. The rifle is fairly light and balances well. The big brother of that rifle is the Harvester in .300 Winchester Magnum. It is of similar, if sized up as necessary for the larger cartridge. The barrel is 24 inches long, of heavy profile, stainless steel and match quality, and tipped with an integral pepperpot flash suppressor.

The Harvester Plus is based on the Harvester, but tends to be larger and heavier than a base Harvester rifle. Most details are the same or similar to their Harvester counterparts. The Plus comes in .25-06, which has 26-inch barrel and .280 Ackley Improved, which has a 24-inch barrel.

The version in 6.5mm Creedmoor has the addition of an adjustable cheekpiece, and the stock is a McMillan A3/A5. This chambering also uses AI detachable magazines, and the trigger is a Jewell trigger set to 2.5 pounds of pull weight. The barrel is 24 inches and fluted. The version chambered for 7mm Remington Magnum is similar in many ways, including the use of a McMillan A3/A5 stock, with a floorplate instead of a magazine well and a grip point under the stock. The trigger for this one is a Timney trigger set to 2.5 pounds. The Harvester Plus in .300 Winchester Magnum is set in a McMillan Hunter stock, with the standard Pachmayr Decelerator pad and a swelled cheekpiece. The 24-inch barrel is a factory barrel, but is hand-fitted, specially bedded, and tipped with a pepperpot-type muzzle brake. It has a Mk X trigger set to 3 pounds.

There are three versions of the Harvester Plus in 7mm-08. One has a McMillan Remington Sporter stock in Olive Drab. The action is squared and hand-fitted. The 22-inch barrel is a match grade Hart stainless steel heavy barrel tipped with a target crown. The second is virtually identical, but uses a PSW Rifleman stock with a cheek swell which is Olive Drab with black speckles. Both are identical for game purposes. The third has a Coyote Tan stock with brown and black speckles and matte black Cerakote metalwork. The 22-inch barrel is a bull barrel tipped with a target crown, and otherwise of the same quality as the other 7mm-08 rifles. Actually, there is a fourth version, a left-handed version of the first 7mm-08 Harvester Plus.

The Harvester Plus Youth is also based on the squared and hand-fitted Remington 700 BDL action, made from stainless steel. The rifle has a Jewell match trigger. The Youth otherwise has most of the features of the other Harvesters. The stainless steel 22-inch medium contour barrel is match grade and has a target crown. It is specially bedded and hand-fitted. The stock is a Remington Mountain Rifle stock, appropriately shortened in LOP, with a Pachmayr Decelerator recoil pad. The stock is tan with black specks on it, and the metalwork is flat Dark Earth Cerakote.

The Harvester Tactical is not meant to be a military rifle, though its police use is obvious. Based, like most of the Harvesters, on the Remington 700 BDL action, the Tactical is fully accurized using hand-fitting and tuning. The Tactical uses a PSW Rifleman stock with a cheek swell and a Pachmayr Decelerator recoil pad. The stock has a finish called Granite in Tan with Black speckles. The 20-inch barrel is a factory heavy contour barrel, free floating and tipped with threads for a silencer or muzzle brake or with a cap if using neither. Under these threads is a recessed target crown. The trigger is stock, but tuned and accurized with a pull weight of 3 pounds. Metalwork is finished in Graphite Black Cerakote. Two sling swivels are under the fore-end and one is under the stock.

The Long Range Tactical Lapua is kin to the Custom Long Range Tactical, but based on a Defiance Machine Rebel with a one-piece fluted bolt and a flared bolt knob. The trigger pack is a Timney with a pull weight of 2.5 pounds. The stock is a McMillan A3/5, with an adjustable cheekpiece, camouflaged, with a Pachmayr Decelerator recoil pad. Below the cheekpiece on either side are quick-release sling points; another sling swivel is under the fore-end, one that can also be used as a bipod attachment point. Above the receiver is a MIL-STD-1913 rail. The 27-inch heavy barrel is of stainless steel, specially bedded, and tipped with a Badger Ordnance Thruster Compensator muzzle brake. Magazines sold with the rifle are AI magazines. The metalwork is finished in Flat Dark Earth Cerakote.

Weapon	Ammunition	Weight	Magazines	Price
Accurized Winchester 70 Supergrade	.30-06 Springfield	3.56 kg	5 Internal	\$1769
Custom Field Stalker	7mm-08 Remington	3.29 kg	5 Internal	\$1364
Custom Long Range Tactical	.338 Lapua Magnum	5.56 kg	5	\$2913
Field Stalker	.300 Winchester Magnum	3.4 kg	5 Internal	\$2427
Harvester	5.56mm NATO	3.06 kg	5 Internal	\$891

Harvester	.300 Winchester Magnum	3.29 kg	5 Internal	\$2424
Harvester Plus	.25-06 Remington	3.29 kg	5 Internal	\$1409
Harvester Plus	.280 Ackley Improved	3.4 kg	5 Internal	\$1454
Harvester Plus	6.5mm Creedmoor	3.22 kg	5	\$1199
Harvester Plus	7mm Remington Magnum	3.52 kg	5 Internal	\$1636
Harvester Plus	.300 Winchester Magnum	3.29 kg	5 Internal	\$2395
Harvester Plus	7mm-08 Remington	3.29 kg	5 Internal	\$1364
Harvester Plus (Coyote Tan)	7mm-08 Remington	3.52 kg	5 Internal	\$1362
Harvester Plus Youth	.260 Remington	2.83 kg	5 Internal	\$1428
Harvester Tactical	7.62mm NATO	3.86 kg	5 Internal	\$1500
Long Range Tactical Lapua	.338 Lapua Magnum	4.99 kg	5	\$3104

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Accurized Winchester 70 Supergrade	BA	4	2-3-Nil	7	3	Nil	64
Custom Field Stalker	BA	4	2-3-Nil	7	4	Nil	84
Custom Long Range Tactical	BA	6	1-3-Nil	8	4	Nil	121
Field Stalker	BA	5	1-2-3	8	4	Nil	96
Harvester (5.56mm)	BA	3	1-Nil	6	3	Nil	74
Harvester (.300)	BA	5	1-2-3	8	4	Nil	97
Harvester Plus (.25-06)	BA	4	1-2-3	8	4	Nil	97
Harvester Plus (.280)	BA	4	1-2-3	7	4	Nil	108
Harvester Plus (6.5mm)	BA	4	1-2-Nil	7	4	Nil	111
Harvester Plus (7mm)	BA	4	1-2-3	8	4	Nil	106
Harvester Plus (.300)	BA	5	1-2-3	7	4	Nil	92
Harvester Plus (7mm-08)	BA	4	2-3-Nil	7	4	Nil	85
Harvester Plus (Coyote Tan)	BA	4	2-3-Nil	7	4	Nil	83
Harvester Plus Youth	BA	4	1-2-3	7	4	Nil	78
Harvester Tactical	BA	4	2-3-Nil	7	4	Nil	73
Long Range Tactical Lapua	BA	6	1-3-Nil	9	3	Nil	119



3KDF K-22

Notes: This is a bolt-action "varmint" rifle within a thumb safety, adjustable trigger, set trigger, and drilling and tapping for a scope mount. K-22s are tested to exacting specifications before they are allowed to leave the factory.

Weapon	Ammunition	Weight	Magazines	Price
K-22	.22 Long Rifle	2.95 kg	5	\$279
K-22	.22 Winchester Magnum Rimfire	2.95 kg	5	\$310

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
K-22 (.22 Long Rifle)	BA	1	Nil	5	1	Nil	48
K-22 (.22 Magnum)	BA	1	Nil	5	1	Nil	61

Kimber 82

Notes: This is a primarily rimfire weapon, some versions of which also chamber centerfire cartridges. There are three broad categories of the Model 82: the Model 82, Model 82A and Model 82B. "A" models used a bolt mechanism which was improved over previous designs, and were built in left and right-handed versions. "B" patterns also improved the lock time by improving the striker mechanism and had a swept-back bolt handle. A-pattern rifles were built from 1986-88, and B-patterns were made from 1988-91. The basic rifle (Model 82 Classic) chambered two rimfire and two centerfire cartridges, used a walnut stock with a half-length fore-end, a pistol grip wrist with a polished steel cap, and a checkered steel buttplate. The safety is a radial switch behind the bolt handle. The barrel is 22 inches. Normal magazines held four rounds, though a 10-round magazine could be ordered from the company.

There were many variants, most of which are identical to the standard Kimber 82 Classic for game purposes. The Classic Custom used a better grade of walnut than the Classic, and also chambered .218 Bee and .25-20 Winchester in single-shot versions (but these two were made only in 1985). The Model 82 Super America was built from 1983-88, and then again from 1990-91. It has a very fine-quality walnut stock, a checkered steel Niedner buttplate, and detachable scope bases. The Model 82 Cascade was built from 1983-85; it had a Monte Carlo comb and cheekpiece, but enjoyed only a short life since the Kimber 84 came out at about the same time. The Custom Match was built only during 1984; it had a French walnut stock, a rust-blue finish, fine checkering, and very close tolerances for its parts. 1986's Brownell Commemorative is a very fancy version made to mark the death of Leonard Brownell, the optics inventor. It used a full-length fore-end. The Centennial was built in 1987 to celebrate the 100<sup>th</sup> year since the introduction of the .22 Long Rifle cartridge, and had a select walnut stock, engraved action, and a match-grade barrel. The Continental was built in small numbers from 1987-91, with a Mannlicher-style stock. The Government Model is a heavy-barreled version designed for use by the US Army for training participants in its match team. It has an extra-deep fore-end and a butt with adjustable spacers. Though designed specifically for the Army, a virtually identical model was sold to civilians from 1990-91. The Super Continental of 1987-88 was basically a super-deluxe version of the Continental. The Mini Classic was basically a version of the Classic with 18-inch barrel and sling swivels, and chambered only in .22 Long Rifle. It was built only in 1988. The Deluxe Grade replaced the Classic and Classic Custom in 1989 (until 1990, anyway, in the case the Classic). It chambered only .22 Long Rifle, and had a AA-grade walnut stock. The Decennial was built only in 1989 to celebrate Kimber's first ten years, and had special markings to show this. The Super Grade also appeared in 1989, briefly replacing the Super America; it was never popular. The All-American Match was a single-shot rifle similar to the Government Model in form, but with a 25-inch heavy match barrel, adjustable trigger, and a buttplate adjustable for height as well as having spacers for adjusting the length. It was built from 1990-91. The Hunter is basically a Super America with a matte blue finish for its metalwork. The Varminter, built from 1990-91, was chambered only in .22 Long Rifle, and used a 25-inch barrel and a rubber shoulder pad. The last Model 82 (of the older patterns) was 1991's Sporter. Built shortly before Kimber's bankruptcy, it showed signs of hurried construction, and was not up to Kimber's usual standards, with stocks of cheap wood and poor-quality metalwork.

Weapon	Ammunition	Weight	Magazines	Price
Kimber 82 Classic	.22 Long Rifle	2.82 kg	4, 10	\$284
Kimber 82 Classic	.22 Winchester Magnum Rimfire	2.89 kg	4, 10	\$315
Kimber 82 Classic	.22 Hornet	3 kg	4, 10	\$674
Kimber 82 Custom Classic	.22 Long Rifle	2.82 kg	4, 10	\$284
Kimber 82 Custom Classic	.22 Winchester Magnum Rimfire	2.89 kg	4, 10	\$315
Kimber 82 Custom Classic	.218 Bee	2.66 kg	1 Internal	\$453
Kimber 82 Custom Classic	.22 Hornet	3 kg	4, 10	\$674
Kimber 82 Custom Classic	.25-20 Winchester	2.77 kg	1 Internal	\$516
Kimber 82 Centennial	.22 Long Rifle	2.86 kg	4, 10	\$295
Kimber 82 Government Model	.22 Long Rifle	3.78 kg	4, 10	\$297
Kimber 82 Mini Classic	.22 Long Rifle	2.67 kg	4, 10	\$243
Kimber 82 All-American Match	.22 Long Rifle	3.87 kg	1 Internal	\$310
Kimber 82 Varminter	.22 Long Rifle	3.86 kg	4, 10	\$314

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Kimber 82 Classic (.22 Long Rifle)	BA	1	Nil	5	1	Nil	49



<b>Kimber 82 Classic (.22 Magnum)</b>	BA	1	Nil	5	1	Nil	63
<b>Kimber 82 Classic (.22 Hornet)</b>	BA	3	1-Nil	6	3	Nil	71
<b>Kimber 82 Custom Classic (.22 Long Rifle)</b>	BA	1	Nil	5	1	Nil	49
<b>Kimber 82 Custom Classic (.22 Magnum)</b>	BA	1	Nil	5	1	Nil	63
<b>Kimber 82 Custom Classic (.218)</b>	SS	3	1-Nil	5	3	Nil	70
<b>Kimber 82 Custom Classic (.22 Hornet)</b>	BA	3	1-Nil	6	3	Nil	71
<b>Kimber 82 Custom Classic (.25-20)</b>	SS	3	2-Nil	6	3	Nil	69
<b>Kimber 82 Centennial</b>	BA	1	Nil	5	1	Nil	51
<b>Kimber 82 Government Model</b>	BA	1	Nil	5	1	Nil	52
<b>Kimber 82 Mini Classic</b>	BA	1	Nil	5	1	Nil	41
<b>Kimber 82 All-American Match</b>	SS	1	Nil	6	1	Nil	58
<b>Kimber 82 Varminter</b>	BA	1	Nil	6	1	Nil	55

## Kimber 82C

Notes: After the Kimber company emerged from bankruptcy and the Warne family regained the use of the Kimber name, it was still another three years before production of rifles commenced. One of their first products after this time was a new version of the Kimber 82, designated Kimber 82C. Changes included a better trigger mechanism, an aluminum bedding system for the barrel, and the removal of the iron sights (though the weapon is drilled and tapped. The Kimber 82C Classic was the base model; it had a straight-comb stock of Claro walnut, checkered on the pistol grip wrist and fore-end. It was produced only in .22 Long Rifle chambering. About the same time, Kimber produced the Model 82C Super America, which is a deluxe version of the Classic, with a select-quality walnut stock, a beaded-edge cheekpiece, and an ebony fore-end tip.

The next year, The Model 82C Custom appeared, basically a Classic with a rust-blue finish for the metalwork and a stock of French walnut with Niedner shoulder plate. In 1996, several more variants appeared; the Model 82C Stainless was simply a version of the Classic with a stainless steel barrel and matte blue action. The Model 82C SVT (Stainless Varmint/Target; not to be confused with the SVT-22 below) has a heavy stainless steel fluted 18-inch barrel and a stock with a high comb. The trigger guard is squared, and the rifle is a single-shot weapon. The Model 82C Synthetic has a black synthetic stock, a matte blue finish for the action, a heavy stainless steel 20-inch barrel which is both fluted and floating. All of these rifles are still being produced.

Weapon	Ammunition	Weight	Magazines	Price
<b>Kimber 82C Classic</b>	.22 Long Rifle	3.6 kg	4, 10	\$284
<b>Kimber 82C SVT</b>	.22 Long Rifle	3.5 kg	1 Internal	\$228
<b>Kimber 82C Synthetic</b>	.22 Long Rifle	3.4 kg	4, 10	\$279

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Kimber 82C Classic</b>	BA	1	Nil	5	1	Nil	49
<b>Kimber 82C SVT</b>	BA	1	Nil	5	1	Nil	42
<b>Kimber 82C Synthetic</b>	BA	1	Nil	5	1	Nil	46

## Kimber 84

Notes: Also known as the "Mini-Mausers," this mainstay of the Kimber bolt-action line has been one of the most popular Kimber products the company ever produced. Originally produced specifically for the .222 Remington round, the Model 84 was later produced for a plethora of other chamberings and in a large variety of styles. The basic form of the rifle, the Model 84 (later called the Model 84 Classic), uses a modified Mauser action with some features reminiscent of the pre-1964 Winchester M-70, such as the bolt shroud-mounted safety and spring-loaded ejector. Original receivers were flat-topped, but this was changed to a round-topped design in 1986, and this allowed for a three-position safety which was used after 1987. The barrel was 22.5 inches long. It has both iron sights and drilling and tapping for a scope mount. Production stopped in 1991, but was picked up again by popular demand in 1996 with the Model 84C, and continues to this day.

Variants include the Big Bore Sporter, which fires somewhat larger rounds (for a Kimber 84), and can be readily identified by the red Pachmayr recoil pad on the butt. The Big Bore Super America is a deluxe version of the Big Bore Sporter. The Classic Custom is a deluxe form of the basic rifle. The Cascade is a version of the basic rifle with a Monte Carlo stock and a half-length fore-end; it was not popular and few were built. The Continental is a version with a full-length Mannlicher-type stock, and is slightly heavier than the Classic; the Super Continental is a deluxe version of the Continental, with chambering restricted to .222 or 5.56mm. The Model 84 Custom Match was built in very small numbers (about 200); it has a match-quality barrel, a select walnut stock with a half-length fore-end, high tolerances for its parts (especially the chambers), and a rust-blue finish. The Deluxe Grade was introduced in 1989 to replace the Classic Custom; it had no cheekpiece on the stock and was built only in three calibers (.17 Remington, .222 Remington, and 5.56mm); though finely-built, it proved to be so unpopular that it was withdrawn in early 1990 and the Classic Custom reintroduced. Kimber also made the same mistake with the Super America, briefly replacing it with the Super Grade; this was removed from the market within a few months and the Super America brought back. The Hunter was a weatherproof version with a specially-laminated stock and special blueing on the metalwork, and chambered only for .17 Remington, .222 Remington, and 5.56mm. The Decennial was a special version to celebrate Kimber's 10<sup>th</sup> anniversary; it is basically a very fancy version of the

Classic, with a slender tapering fore-end, a shadowed cheekpiece, included scope bases, and an engraved steel buttstock. It was restricted to 5.56mm. The Sporter has a slightly shorter (22-inch) barrel, a high-grade walnut stock, and came with bases for a scope mount. The Super America, like the Big Bore Super America, was a high-grade deluxe model, with a walnut stock, a half-length fore-end, a beaded cheekpiece, hand-cut checkering on the pistol grip wrist and fore-end, and optional features such as a thumbhole stock, adjustable buttplates, express sights, and textured bolt-handle knobs. The Super Varminter used a heavy barrel and was otherwise built to the Super America standard, and also added sling swivels. The Ultra Varminter used a 24-inch heavy stainless steel barrel and a laminated birch stock with a straight comb.

Reintroduced in 1996 with the Model 84C, the Model 84 now had an aluminum-pillar barrel bedding system, a straight-comb stock, and a half-length fore-end. They were reintroduced only in .222 and 5.56mm, with a 22-inch barrel, and a .17 chambering added later. Variants of the Model 84C include the Model 84C SSV (Single-Shot Varmint), with no internal magazine, a heavy, fluted, floating stainless steel 25-inch barrel. The Model 84C Super America is a deluxe version of the basic Model 84C.

The next version of the Model 84 was the Model 84M. The Model 84M Classic has a high-grade laminated walnut stock with a Pachmayr recoil pad; it has no iron sights, but is drilled and tapped for a scope; it uses a 22-inch barrel. The Montana is similar, but has stainless steel metalwork and a synthetic stock. The Super America, like its predecessors, is a deluxe version of the Classic. The Varmint comes only in .22-250, but has a 26-inch stainless steel heavy barrel. The LongMaster Classic is basically a Classic with a 24-inch barrel and chambered only for 7.62mm; the LongMaster VT is the same but is chambered for .22-250. Classic, Super America, and Montana Model 84Ms have Pachmayr recoil pads on the butt.

The Model 84L is the new version of the Model 84; it is heavier than the older iterations though the stock and fore-end are still of select walnut and metalwork is still of quality steel. It follows the general lines of the Model 84M, but has an action slightly lengthened for standard calibers. It has a full-length Mauser claw extractor for increased dependability over earlier push-feed iterations of the Model 84. The stock is of select walnut with an ebony fore-end tip; the Classic Select Grade uses higher-quality French walnut. (It is otherwise the same as the Classic for game purposes.) The stock has a recoil pad. The pistol grip wrist and fore-end are checkered. It has a match-grade trigger. The magazine release is inside the trigger guard; this releases the floorplate. The match-quality barrel is 24 inches. The Kimber 84L Montana is a further update/improvement of the Model 84L. The Montana is designed for the hunter, and for use in inclement weather and otherwise poor conditions as well as normal conditions. The Model 84L Montana has most of the features of the standard Model 84L, though the stock is of a composite of Kevlar and carbon fiber, finished with gray epoxy, and the butt has a 1-inch Pachmayr Decelerator recoil pad. The barrel is 24 inches, stainless steel, target-quality, and free-floating with glass fiber pillar bedding. The barrel is match-grade, as is the chamber, likewise, the trigger pack is match-quality and adjustable for pull weight by the shooter. Most of the working parts are of stainless steel. The magazine capacity is smaller than a standard Model 84M, but this is primarily due to the magnum and near-magnum rounds the Montana fires; it also lightens the weapon somewhat. Though not on the site yet, the Kimber Model 84L Montana Classic Select Grade will be available in .35 Whelan later in 2013. Also in 2013, all Model 84s will be available in optional stainless steel barrel and action.

New for 2013 is a variant of the Model 84M called the Mountain Ascent. This version is basically the same design as the Model 84M, but is designed with light weight in mind. The stock is of a Kevlar/carbon fiber composite, finished in a pattern called by Kimber OptiFade Open Country. The help counter the recoil effects of the light weight, the Mountain Ascent has a 1-inch-thick Pachmayr Decelerator recoil pad on the butt and a muzzle brake. The 22-inch barrel is fluted, stainless steel, and match grade. The action is also stainless steel, and the trigger is an adjustable model (3.5-4 pounds). Also in the same release period is a Mountain Ascent based on the Model 84L. This primarily gives the Mountain Ascent a couple more calibers to work with, and some of the rifles in certain calibers can be wildly light indeed.

Twilight 2000 Notes: The Model 84C and 84M series do not exist in the Twilight 2000 timeline (including the Mountain Ascent).

Weapon	Ammunition	Weight	Magazines	Price
Kimber 84 Classic	.17 Remington	2.86 kg	5 Internal	\$652
Kimber 84 Classic	.22 Hornet	3.02 kg	5 Internal	\$754
Kimber 84 Classic	.222 Remington	3.16 kg	5 Internal	\$852
Kimber 84 Classic	5.56mm NATO	3.19 kg	5 Internal	\$870
Kimber 84 Big Bore Sporter	.250 Savage	3.52 kg	5 Internal	\$1105
Kimber 84 Big Bore Sporter	.35 Remington	4.68 kg	5 Internal	\$2302
Kimber 84 Continental	.17 Remington	3 kg	5 Internal	\$652
Kimber 84 Continental	.22 Hornet	3.17 kg	5 Internal	\$754
Kimber 84 Continental	.222 Remington	3.32 kg	5 Internal	\$852
Kimber 84 Continental	5.56mm NATO	3.35 kg	5 Internal	\$870
Kimber 84 Custom Match	.222 Remington	3.18 kg	5 Internal	\$863
Kimber 84 Custom Match	5.56mm NATO	3.21 kg	5 Internal	\$882
Kimber 84 Sporter	.17 Remington	2.85 kg	5 Internal	\$647
Kimber 84 Sporter	.22 Hornet	3.01 kg	5 Internal	\$749
Kimber 84 Sporter	.22-250 Remington	3.25 kg	5 Internal	\$912
Kimber 84 Sporter	5.56mm NATO	3.18 kg	5 Internal	\$865
Kimber 84 Super Varminter	.17 Remington	2.97 kg	5 Internal	\$657
Kimber 84 Super Varminter	.221 Fireball	3.14 kg	5 Internal	\$764
Kimber 84 Super Varminter	.222 Remington	3.29 kg	5 Internal	\$858

Kimber 84 Super Varminter	5.56mm NATO	3.32 kg	5 Internal	\$876
Kimber 84 Ultra Varminter	.17 Remington	3.01 kg	5 Internal	\$673
Kimber 84 Ultra Varminter	.221 Fireball	3.18 kg	5 Internal	\$780
Kimber 84 Ultra Varminter	.222 Remington	3.33 kg	5 Internal	\$873
Kimber 84 Ultra Varminter	5.56mm NATO	3.36 kg	5 Internal	\$892
Kimber 84C Classic	.17 Remington	2.78 kg	5 Internal	\$647
Kimber 84C Classic	.222 Remington	3.08 kg	5 Internal	\$847
Kimber 84C Classic	5.56mm NATO	3.11 kg	5 Internal	\$865
Kimber 84C SSV	.17 Remington	2.62 kg	1 Internal	\$526
Kimber 84C SSV	5.56mm NATO	2.93 kg	1 Internal	\$635
Kimber 84M Classic	.243 Winchester	2.32 kg	5 Internal	\$1067
Kimber 84M Classic	6.5-08 A-Square	2.61 kg	5 Internal	\$1398
Kimber 84M Classic	7mm-08 Remington	2.56 kg	5 Internal	\$1336
Kimber 84M Classic	7.62mm NATO	2.69 kg	5 Internal	\$1497
Kimber 84M Montana	.243 Winchester	2.12 kg	5 Internal	\$1080
Kimber 84M Montana	6.5mm-08 A-Square	2.39 kg	5 Internal	\$1412
Kimber 84M Montana	7mm-08 Remington	2.34 kg	5 Internal	\$1349
Kimber 84M Montana	7.62mm NATO	2.46 kg	5 Internal	\$1511
Kimber 84M LongMaster Classic	7.62mm NATO	2.71 kg	5 Internal	\$1518
Kimber 84M LongMaster VT	.22-250 Remington	2.27 kg	5 Internal	\$932
Kimber 84L	.25-06 Remington	2.78 kg	5 Internal	\$1363
Kimber 84L	.270 Winchester	2.94 kg	5 Internal	\$1552
Kimber 84L	.30-06 Springfield	3.14 kg	5 Internal	\$1803
Kimber 84L Montana	.25-06 Remington	2.55 kg	4 Internal	\$1382
Kimber 84L Montana	.270 Winchester	2.64 kg	4 Internal	\$1571
Kimber 84L Montana	.280 Ackley	2.58 kg	4 Internal	\$1448
Kimber 84L Montana	.30-06 Springfield	2.76 kg	4 Internal	\$1823
Kimber 84L Montana Classic Select Grade	.35 Whelan	3.23 kg	4 Internal	\$2825
Kimber Mountain Ascent	.30-06 Springfield	2.18 kg	5 Internal	\$1838
Kimber Mountain Ascent	.280 Ackley Improved	2.12 kg	5 Internal	\$1462
Kimber Mountain Ascent	.270 Winchester	2.14 kg	5 Internal	\$1585

\*

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Kimber 84 Classic (.17)	BA	2	1-Nil	6	2	Nil	55
Kimber 84 Classic (.22)	BA	3	1-Nil	6	3	Nil	72
Kimber 84 Classic (.222)	BA	3	1-Nil	6	3	Nil	73
Kimber 84 Classic (5.56mm)	BA	3	1-Nil	6	3	Nil	72
Kimber 84 Big Bore Sporter (.250)	BA	3	2-Nil	7	4	Nil	77
Kimber 84 Big Bore Sporter (.35)	BA	5	2-3-Nil	7	4	Nil	81
Kimber 84 Continental (.17)	BA	2	1-Nil	6	2	Nil	55
Kimber 84 Continental (.22)	BA	3	1-Nil	6	3	Nil	72
Kimber 84 Continental (.222)	BA	3	1-Nil	6	3	Nil	73
Kimber 84 Continental (5.56mm)	BA	3	1-Nil	6	3	Nil	72
Kimber 84 Custom Match (.222)	BA	3	1-Nil	6	3	Nil	77
Kimber 84 Custom Match (5.56mm)	BA	3	1-Nil	6	3	Nil	75
Kimber 84 Sporter (.17)	BA	2	1-Nil	6	2	Nil	53
Kimber 84 Sporter (.22)	BA	3	1-Nil	6	3	Nil	71
Kimber 84 Sporter (.22-250)	BA	3	1-Nil	6	3	Nil	65
Kimber 84 Sporter (5.56mm)	BA	3	1-Nil	6	3	Nil	70
Kimber 84 Super Varminter (.17)	BA	2	1-Nil	6	2	Nil	56
Kimber 84 Super Varminter (.221)	BA	3	1-1-Nil	6	3	Nil	89
Kimber 84 Super Varminter (.222)	BA	3	1-Nil	6	3	Nil	75
Kimber 84 Super Varminter (5.56mm)	BA	3	1-Nil	6	3	Nil	74
Kimber 84 Ultra Varminter (.17)	BA	2	1-Nil	6	2	Nil	60
Kimber 84 Ultra Varminter (.221)	BA	3	1-1-Nil	6	3	Nil	96
Kimber 84 Ultra Varminter (.222)	BA	3	1-Nil	7	3	Nil	80
Kimber 84 Ultra Varminter (5.56mm)	BA	3	1-Nil	7	3	Nil	78
Kimber 84C Classic (.17)	BA	2	1-Nil	6	2	Nil	53
Kimber 84C Classic (.222)	BA	3	1-Nil	6	3	Nil	71

Kimber 84C Classic (5.56mm)	BA	3	1-Nil	6	3	Nil	70
Kimber 84C SSV (.17)	SS	2	1-Nil	7	3	Nil	64
Kimber 84C SSV (5.56mm)	SS	3	1-Nil	7	3	Nil	84
Kimber 84M Classic (.243)	BA	3	2-Nil	6	3	Nil	65
Kimber 84M Classic (6.5mm)	BA	4	2-3-Nil	7	4	Nil	58
Kimber 84M Classic (7mm-08)	BA	4	2-3-Nil	7	4	Nil	77
Kimber 84M Classic (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
Kimber 84M Montana (.243)	BA	3	2-Nil	6	4	Nil	65
Kimber 84M Montana (6.5mm)	BA	4	2-3-Nil	7	5	Nil	58
Kimber 84M Montana (7mm-08)	BA	4	2-3-Nil	7	5	Nil	77
Kimber 84M Montana (7.62mm)	BA	4	2-3-Nil	7	5	Nil	79
Kimber 84M LongMaster Classic	BA	4	2-3-Nil	7	4	Nil	89
Kimber 84M LongMaster VT	BA	3	1-Nil	7	3	Nil	73
Kimber 84L (.25-06)	BA	4	2-3-Nil	7	4	Nil	81
Kimber 84L (.270)	BA	4	2-3-Nil	7	4	Nil	71
Kimber 84L (.30-06)	BA	4	2-3-Nil	7	4	Nil	81
Kimber 84L Montana (.25-06)	BA	4	2-3-Nil	7	4	Nil	84
Kimber 84L Montana (.270)	BA	4	2-3-Nil	7	4	Nil	74
Kimber 84L Montana (.280 Ackley)	BA	4	1-2-3	7	5	Nil	106
Kimber 84L Montana (.30-06)	BA	4	2-3-Nil	8	5	Nil	84
Kimber 84L Montana Select Classic Grade (.35)	BA6	6	1-3-Nil	8	5	Nil	112
Kimber Mountain Ascent (.30-06)	BA	4	2-3-Nil	7	4	Nil	72
Kimber Mountain Ascent (.280 Ackley)	BA	4	1-2-3	7	4	Nil	91
Kimber Mountain Ascent (.270)	BA	4	2-3-Nil	7	3	Nil	63

Kimber 8400

Notes: This is a set of hunting rifles designed around the new short magnum cartridges. They are, of course, short-action rifles, and is sort of a hybrid Mauser rifle mixed with the Remington 700 and Winchester M-70 – the extractor, bolt face, feed, magazine, and locking lugs are like the Mauser’s; the receiver and recoil lug are similar to the Remington 700; and the stock style is similar to that of the Winchester M-70. The trigger is similar to that of the Remington 700, but the safety is more like the Winchester M-70. There are three versions of the Model 8400: the Classic, which uses an A-grade walnut stock with a deep pistol grip wrist and recoil pad on the butt; the 24-inch barrel is free-floating, and metal parts are blued. The Montana uses a synthetic stock made of Kevlar/carbon fiber with a recoil pad on the butt, the finish is satin stainless steel, and the magazine is not removable to save weight. The Super America is the top-line Model 8400; it uses an AAA-grade walnut stock with 24-lpi checkering in the pistol grip and forward stock, and a highly-polished blued action, receiver, and barrel, and a recoil pad on the butt. This rifle is relatively rare because finding wood suitable for an AAA-grade stock is hard to find. All have 24-inch barrels. They do not have iron sights, being drilled and tapped for a scope instead.

For 2006, the Classic and Montana were chambered for a number of “old favorites” cartridges by popular demand; all of these new chamberings for the Classic are long-action standard cartridges and long-action magnums. The Super America also added some of these chamberings, but only the magnum calibers. Unlike the other Model 8400s, the Super America’s standard cartridges have 24-inch barrels, while the standard magnum chamberings (but not the short magnums) use 26-inch barrels.

Twilight 2000 Notes: These rifles do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Classic	.270 Winchester Short Magnum	3.04 kg	5	\$1342
Classic	7mm Winchester Short Magnum	3.09 kg	5	\$1391
Classic	.300 Winchester Short Magnum	3.18 kg	5	\$1575
Classic	.325 Winchester Short Magnum	3.28 kg	5	\$1698
Classic	.25-06 Remington	3.18 kg	5	\$1362
Classic	.270 Winchester	3.27 kg	5	\$1551
Classic	.30-06 Springfield	3.38 kg	5	\$1803
Classic	.300 Winchester Magnum	3.51 kg	5	\$2458
Classic	.338 Winchester Magnum	3.59 kg	5	\$2679
Montana	.270 Winchester Short Magnum	2.69 kg	5 Internal	\$1357
Montana	7mm Winchester Short Magnum	2.73 kg	5 Internal	\$1406
Montana	.300 Winchester Short Magnum	2.81 kg	5 Internal	\$1591
Montana	.325 Winchester Short Magnum	2.9 kg	5 Internal	\$1704
Montana	.25-06 Remington	3.06 kg	5 Internal	\$1377
Montana	.270 Winchester	3.15 kg	5 Internal	\$1569



Montana	.30-06 Springfield	3.26 kg	5 Internal	\$1819
Montana	.300 Winchester Magnum	3.39 kg	5 Internal	\$2475
Montana	.338 Winchester Magnum	3.47 kg	5 Internal	\$2697
Super America	.270 Winchester Short Magnum	3.14 kg	5	\$1342
Super America	7mm Winchester Short Magnum	3.19 kg	5	\$1391
Super America	7mm Winchester Magnum	3.19 kg	5	\$1391
Super America	.300 Winchester Short Magnum	3.28 kg	5	\$1575
Super America	.300 Winchester Magnum	4.07 kg	5	\$2458
Super America	.325 Winchester Short Magnum	3.77 kg	5	\$1698
Super America	.338 Winchester Magnum	4.17 kg	5	\$2679

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Classic (.270 WSM)	BA	4	1-2-3	7	4	Nil	103
Classic (7mm WSM)	BA	4	1-2-3	7	4	Nil	106
Classic (.300 WSM)	BA	5	1-2-3	7	4	Nil	112
Classic (.325)	BA	5	1-2-3	7	4	Nil	112
Classic (.25-06)	BA	4	2-3-Nil	7	4	Nil	68
Classic (.270 Win)	BA	4	2-3-Nil	7	4	Nil	71
Classic (.30-06)	BA	4	2-3-Nil	7	4	Nil	81
Classic (.300 Win Mag)	BA	5	1-2-3	8	4	Nil	107
Classic (.338)	BA	6	1-3-Nil	8	5	Nil	123
Montana (.270 WSM)	BA	4	1-2-3	7	4	Nil	103
Montana (7mm)	BA	4	1-2-3	7	4	Nil	106
Montana (.300 WSM)	BA	5	1-2-3	7	4	Nil	112
Montana (.325 WSM)	BA	5	1-2-3	7	4	Nil	112
Montana (.25-06)	BA	4	2-3-Nil	7	4	Nil	68
Montana (.270 Win)	BA	4	2-3-Nil	7	4	Nil	71
Montana (.30-06)	BA	4	2-3-Nil	7	4	Nil	81
Montana (.300 Win Mag)	BA	5	1-2-3	8	4	Nil	107
Montana (.338)	BA	6	1-3-Nil	8	5	Nil	123
Super America (.270 WSM)	BA	4	1-2-3	7	4	Nil	103
Super America (7mm WSM)	BA	4	1-2-3	7	4	Nil	105
Super America (7mm Win Mag)	BA	4	1-2-3	7	4	Nil	106
Super America (.300 WSM)	BA	5	1-2-3	7	4	Nil	112
Super America (.300 Win Mag)	BA	5	1-2-3	8	4	Nil	107
Super America (.325)	BA	5	1-2-3	7	4	Nil	112
Super America (.338)	BA	6	1-3-Nil	8	5	Nil	123

Kimber SVT-22

Notes: This small caliber rifle was actually designed for clandestine sniping rather than as a traditional small caliber rifle. The SVT-22 has a secondary role as a rifle for low-cost sniper training. Its scope rings can take a greater variety of telescopic sights than the average .22 rifle, and the barrel is heavy and fluted and can be fitted with a silencer. The action, bolt, and inside of the barrel are chromed for smoothness of action and low wear. The SVT-22 is equipped with a bipod. The stock has a deep groove to form a pistol grip. Unlike most such rifles, a telescopic sight is included in the cost.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
SVT-22	.22 Long Rifle	3.4 kg	5	\$992

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SVT-22	BA	1	Nil	5	1	Nil	49
SVT-22 (Bipod)	BA	1	Nil	5	1	Nil	64

Kimber Varmint

Notes: This rifle was originally designed for the new .17 Mach 2 rimfire cartridge. The Kimber 17 Varmint is basically a small version of Kimber's centerfire rifles (as are virtually all of Kimber's rimfire rifles), and is made from 4140-class steel and oil-finished walnut stocks. The Kimber 17 Varmint has no iron sights; it is designed for use with a telescopic sight only.

The Pro Varmint adds a match-grade trigger and a longer, match-grade, fluted, crowned barrel. It is a bit heavier, but is otherwise similar to the Classic Varmint.

In 2005, recognizing the popularity of the .22 Long Rifle cartridge, Kimber chambered a version of the Varmint for that caliber. Except for the caliber and the changes made necessary by that change, it is identical to the Kimber 17 Varmint.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Classic Varmint	.17 Mach 2 Rimfire	2.95 kg	5	\$334
Classic Varmint	.22 Long Rifle	2.9 kg	5	\$243
Pro Varmint	.17 Mach 2 Rimfire	3.04 kg	5	\$361
Pro Varmint	.22 Long Rifle	2.99 kg	5	\$271

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Classic Varmint (.17)	BA	2	1-Nil	5	1	Nil	44
Classic Varmint (.22)	BA	1	Nil	5	1	Nil	41
Pro Varmint (.17)	BA	2	1-Nil	5	1	Nil	52
Pro Varmint (.22)	BA	1	Nil	5	1	Nil	46

### KMW Sentinel

Notes: Also called the Sentinel SWS, the Sentinel is made by a company that is more well-known for turning average rifles into custom-made hand-fitted and finished masterpieces. The Sentinel, however, is not a normal sporting weapon either; it employs the lessons used in custom-finishing rifles, and is chambered in some unusual chamberings. The Sentinel is based around a hand-fitted and finished Surgeon rifle, specifically the Model 591 short action. The center bore and lug ways are made by EDM, again hand finished and fitted. The receiver is modified to allow a MIL-STD-1913 to sit atop it (and again, like most parts presented from this point are). The rifle has an integral recoil lug, as well as an oversized barrel tenon. The bolt stop is slide mounted to allow a slimmer profile up to down. Proven components of the Remington 700 are used in some cases, including the extractor, ejector, striker, and their match triggers. The bolt handle is machined integral with the bolt, eliminating a common point of failure. The barrels are cut from Kriger blanks. Barrels are match-quality, hand-fitted, and floating. The standard muzzle device is a KMW-designed flash suppressor which can also be used as a stand-off device for rebar cutting, though KMW can, at the buyer's option, tip the barrel with a muzzle brake of various makes. As for suppressors and silencers, KMW says "We can discuss [this]." (Barrel lengths are what I could find out, but may not be all-inclusive or accurate; KMW does say that they will build to custom barrel lengths and finishes.) The stocks are KMW designed, and not only have a recoil pad but are adjustable for cheek height; LOP is adjustable by spacers. Bipods are light but professional mounts, Harris S-BRMs. Magazines are proprietary. Note that though this rifle is very sniper-rifle-like, it is in fact a sporting/target rifle and does not, for example, include a scope in the price.

Weapon	Ammunition	Weight	Magazines	Price
Sentinel (20" Barrel)	.243 Winchester	6.83 kg	5, 10	\$1553
Sentinel (24" Barrel)	.243 Winchester	7.07 kg	5, 10	\$1681
Sentinel (26" Barrel)	.243 Winchester	7.21 kg	5, 10	\$1746
Sentinel (27" Barrel)	.243 Winchester	7.26 kg	5, 10	\$1778
Sentinel (28" Barrel)	.243 Winchester	7.3 kg	5, 10	\$1810
Sentinel (20" Barrel)	6mm XC	6.73 kg	5, 10	\$1500
Sentinel (24" Barrel)	6mm XC	7 kg	5, 10	\$1628
Sentinel (26" Barrel)	6mm XC	7.14 kg	5, 10	\$1692
Sentinel (27" Barrel)	6mm XC	7.19 kg	5, 10	\$1725
Sentinel (28" Barrel)	6mm XC	7.23 kg	5, 10	\$1757
Sentinel (20" Barrel)	6.5mm Lapua Magnum	6.96 kg	5, 10	\$1588
Sentinel (24" Barrel)	6.5mm Lapua Magnum	7.25 kg	5, 10	\$1717
Sentinel (26" Barrel)	6.5mm Lapua Magnum	7.4 kg	5, 10	\$1781
Sentinel (27" Barrel)	6.5mm Lapua Magnum	7.45 kg	5, 10	\$1813
Sentinel (28" Barrel)	6.5mm Lapua Magnum	7.49 kg	5, 10	\$1846
Sentinel (20" Barrel)	6.5mm Creedmoor	7.11 kg	5, 10	\$1638
Sentinel (24" Barrel)	6.5mm Creedmoor	7.41 kg	5, 10	\$1767
Sentinel (26" Barrel)	6.5mm Creedmoor	7.56 kg	5, 10	\$1832
Sentinel (27" Barrel)	6.5mm Creedmoor	7.61 kg	5, 10	\$1863
Sentinel (28" Barrel)	6.5mm Creedmoor	7.65 kg	5, 10	\$1895
Sentinel (20" Barrel)	.260 Remington	7.68 kg	5, 10	\$1888
Sentinel (24" Barrel)	.260 Remington	8 kg	5, 10	\$2016
Sentinel (26" Barrel)	.260 Remington	8.16 kg	5, 10	\$2081
Sentinel (27" Barrel)	.260 Remington	8.21 kg	5, 10	\$2113
Sentinel (28" Barrel)	.260 Remington	8.25 kg	5, 10	\$2145
Sentinel (20" Barrel)	7.62mm NATO	8 kg	5, 10	\$1990
Sentinel (24" Barrel)	7.62mm NATO	8.33 kg	5, 10	\$2120
Sentinel (26" Barrel)	7.62mm NATO	8.5 kg	5, 10	\$2184



Sentinel (27" Barrel)	7.62mm NATO	8.55 kg	5, 10	\$2217
Sentinel (28" Barrel)	7.62mm NATO	8.59 kg	5, 10	\$2248

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sentinel (20", .243)	BA	3	2-Nil	6	2	Nil	61
With Bipod	BA	3	2-Nil	6	1	Nil	79
Sentinel (24", .243)	BA	3	2-Nil	7	2	Nil	79
With Bipod	BA	3	2-Nil	7	1	Nil	103
Sentinel (26", .243)	BA	3	2-Nil	7	3	Nil	87
With Bipod	BA	3	2-Nil	7	1	Nil	113
Sentinel (27", .243)	BA	3	2-Nil	7	3	Nil	90
With Bipod	BA	3	2-Nil	7	1	Nil	118
Sentinel (28", .243)	BA	3	2-Nil	8	3	Nil	94
With Bipod	BA	3	2-Nil	8	1	Nil	122
Sentinel (20", 6mm XC)	BA	3	1-2-Nil	6	2	Nil	78
With Bipod	BA	3	1-2-Nil	6	1	Nil	102
Sentinel (24", 6mm XC)	BA	3	1-2-Nil	7	2	Nil	100
With Bipod	BA	3	1-2-Nil	7	1	Nil	130
Sentinel (26", 6mm XC)	BA	3	1-2-Nil	7	2	Nil	108
With Bipod	BA	3	1-2-Nil	7	1	Nil	141
Sentinel (27", 6mm XC)	BA	3	1-2-Nil	7	3	Nil	113
With Bipod	BA	3	1-2-Nil	7	1	Nil	147
Sentinel (28", 6mm XC)	BA	3	1-2-Nil	8	3	Nil	117
With Bipod	BA	3	1-2-Nil	8	1	Nil	152
Sentinel (20", 6.5mm Magnum)	BA	3	1-2-Nil	6	2	Nil	86
With Bipod	BA	3	1-2-Nil	6	1	Nil	112
Sentinel (24", 6.5mm Magnum)	BA	3	1-2-Nil	7	3	Nil	109
With Bipod	BA	3	1-2-Nil	7	1	Nil	142
Sentinel (26", 6.5mm Magnum)	BA	4	1-2-Nil	7	3	Nil	118
With Bipod	BA	4	1-2-Nil	7	1	Nil	154
Sentinel (27", 6.5mm Magnum)	BA	4	1-2-Nil	7	3	Nil	123
With Bipod	BA	4	1-2-Nil	7	1	Nil	160
Sentinel (28", 6.5mm Magnum)	BA	4	1-2-Nil	8	3	Nil	128
With Bipod	BA	4	1-2-Nil	8	1	Nil	167
Sentinel (20", 6.5mm Creedmoor)	BA	3	1-2-Nil	6	3	Nil	85
With Bipod	BA	3	1-2-Nil	6	1	Nil	110
Sentinel (24", 6.5mm Creedmoor)	BA	4	1-2-Nil	7	3	Nil	108
With Bipod	BA	4	1-2-Nil	7	1	Nil	141
Sentinel (26", 6.5mm Creedmoor)	BA	4	1-2-Nil	7	3	Nil	118
With Bipod	BA	4	1-2-Nil	7	1	Nil	153
Sentinel (27", 6.5mm Creedmoor)	BA	4	1-2-3	8	3	Nil	122
With Bipod	BA	4	1-2-3	8	1	Nil	159
Sentinel (28", 6.5mm Creedmoor)	BA	4	1-2-3	8	3	Nil	127
With Bipod	BA	4	1-2-3	8	1	Nil	165
Sentinel (20", .260)	BA	4	1-2-Nil	7	3	Nil	65
With Bipod	BA	4	1-2-Nil	7	1	Nil	84
Sentinel (24", .260)	BA	4	1-2-3	8	3	Nil	85
With Bipod	BA	4	1-2-3	8	1	Nil	111
Sentinel (26", .260)	BA	4	1-2-3	8	3	Nil	96
With Bipod	BA	4	1-2-3	8	1	Nil	125

Sentinel (27", .260)	BA	4	1-2-3	8	3	Nil	102
With Bipod	BA	4	1-2-3	8	1	Nil	132
Sentinel (28", .260)	BA	4	1-2-3	8	3	Nil	107
With Bipod	BA	4	1-2-3	8	1	Nil	139
Sentinel (20", 7.62mm)	BA	4	2-3-Nil	7	3	Nil	73
With Bipod	BA	4	2-3-Nil	7	1	Nil	95
Sentinel (24", 7.62mm)	BA	4	2-3-Nil	7	3	Nil	95
With Bipod	BA	4	2-3-Nil	7	1	Nil	124
Sentinel (26", 7.62mm)	BA	4	2-3-Nil	8	3	Nil	104
With Bipod	BA	4	2-3-Nil	8	1	Nil	135
Sentinel (27", 7.62mm)	BA	4	2-3-Nil	8	3	Nil	108
With Bipod	BA	4	2-3-Nil	8	1	Nil	140
Sentinel (28", 7.62mm)	BA	4	2-3-Nil	8	3	Nil	112
With Bipod	BA	4	2-3-Nil	8	1	Nil	146

Marathon Sportsman Bush & Field

Notes: This rifle and the company that produced it remained from 1984-88. It was produced primarily in kit form, and barrels and bolts could be interchanged to allow the rifle to fire different calibers of ammunition. It is basically a modified Mauser action of the Spanish Santa Barbara type, using a walnut stock with a low Monte Carlo comb and a heavy squared fore-end. The pistol grip wrist and fore-end are finely checkered, and the butt has a thick rubber recoil pad. The trigger may be adjusted four ways with screws. It is drilled and tapped for a scope mount as well as having iron sights. It was a rather heavy rifle, but this contributes to its stability.

Weapon	Ammunition	Weight	Magazines	Price
Sportsman Bush & Field	.243 Winchester	3.58 kg	5 Internal	\$1012
Sportsman Bush & Field	.270 Winchester	4.21 kg	5 Internal	\$1471
Sportsman Bush & Field	7mm Mauser	4.1 kg	5 Internal	\$1381
Sportsman Bush & Field	7mm Remington Magnum	4.26 kg	5 Internal	\$1510
Sportsman Bush & Field	7.62mm NATO	4.18 kg	5 Internal	\$1443
Sportsman Bush & Field	.30-06 Springfield	4.52 kg	5 Internal	\$1723
Sportsman Bush & Field	.300 Winchester Magnum	4.81 kg	5 Internal	\$2288

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sportsman Bush & Field (.243)	BA	3	2-Nil	7	3	Nil	74
Sportsman Bush & Field (.270)	BA	4	2-3-Nil	7	4	Nil	69
Sportsman Bush & Field (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	80
Sportsman Bush & Field (7mm Magnum)	BA	4	1-2-3	7	4	Nil	86
Sportsman Bush & Field (7.62mm)	BA	4	2-3-Nil	7	4	Nil	89
Sportsman Bush & Field (.30-06)	BA	4	2-3-Nil	7	4	Nil	78
Sportsman Bush & Field (.300)	BA	5	2-3-Nil	7	4	Nil	89

Marlin 15

Notes: This is a magazine-fed bolt-action rifle with a simple hardwood stock and little or no refinements. The basic Model 15 is a simple bolt-action rimfire rifle with a medium-quality birch stock that has a pistol grip wrist, a half-length fore-end, and a plastic trigger guard. Sights consist of a spring-leaf and elevator rear sight and a simple blade front sight. The Model 15 was superseded by the Model 25, which has an improved safety catch similar to that found on the Model 880.

The Model 15Y (also known as the Little Buckaroo) is a youth model which is the same except for the 16.25-inch barrel and short butt. The Model 15Y was replaced in production by the Model 15YN, with an improved safety catch.

The Model 25M is also similar to the Model 15, but fires .22 Winchester Magnum Rimfire. Like the others, it was replaced in production by a version with a modified safety, called the Model 25MN. The Model 25MB, also known as the Midget Magnum, has a 16.25" barrel, and is a takedown rifle.

Weapon	Ammunition	Weight	Magazines	Price
Marlin 15	.22 Short, .22 Long, and .22 Long Rifle	2.49 kg	7	\$284
Marlin 15Y	.22 Short, .22 Long, and .22 Long Rifle	2.2 kg	7	\$225
Marlin 25M	.22 Winchester Magnum Rimfire	2.49 kg	7	\$315
Marlin 25MB	.22 Winchester Magnum Rimfire	2.28 kg	7	\$277

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Marlin 15 (.22 Short)	BA	-2	Nil	5	1	Nil	40
Marlin 15 (.22 Long)	BA	1	Nil	5	1	Nil	45
Marlin 15 (.22 Long Rifle)	BA	1	Nil	5	1	Nil	49
Marlin 15Y (.22 Short)	BA	-2	Nil	5	1	Nil	30
Marlin 15Y (.22 Long)	BA	1	Nil	5	1	Nil	34
Marlin 15Y (.22 Long Rifle)	BA	1	Nil	5	1	Nil	37
Marlin 25M	BA	1	Nil	5	1	Nil	63
Marlin 25MB	BA	1	Nil	5	1	Nil	51

Marlin 17

Notes: Introduced in 2002, the Model 17 was designed specifically for the new .17 Hornady Magnum Rimfire round. It is basically a modification of the Model 15, with a similar action, modified for the needs of the .17 Hornady Magnum Rimfire chambering. There are two versions of the Model 17: the standard Model 17V, using a heavy match barrel, and the Model 17VS, which is basically the same weapon but has a stainless steel barrel, receiver, bolt, firing pin, safety, trigger, and trigger guard. It is identical to the Model 17V for game purposes. Stocks in both cases are made from hardwood with a coating of Mar-Shield varnish. The Model 17 has no iron sights; it is designed exclusively for use with a telescopic sight.

Twilight 2000 Notes: This Model 17 does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
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Marlin 17V		.17 Hornady Magnum Rimfire			3.2 kg	7	\$440
Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Marlin 17V	BA	2	1-Nil	6	1	Nil	66

Marlin 80

Notes: The Model 80 is a pre-World War 2 bolt-action rimfire rifle, introduced in 1935. It is a “takedown rifle;” it is designed to be assembled and disassembled easily. It has a straight-comb butt with a pistol grip wrist; a pair of finger grooves were cut into the fore-end until 1937, when Marlin eliminated the grooves. Most Model 80s has steel trigger guards, but a few Model 80s built in 1939 has trigger guards made of Tenite plastic. The Model 80 used a 24-inch barrel, with a spring-leaf and elevator rear sight and a blade front sight.

Production of the Model 80 stopped in late 1939, replaced in production by the improved Model 80B. The Model 80B used a stock made from better-quality wood, the Tenite plastic trigger guard, and a radial safety catch on the stock behind the bolt handle. The Model 80BE is virtually identical to the Model 80B, but used a simplified set of sights consisting of an adjustable aperture rear sight and a hooded bead front sight. The Model 80C had a widened semi-beavertail fore-end. The Model 80B was produced only in 1940; the Model 80BE from 1940-41, and the Model 80C in 1941 and then again from 1945-71. Post-war Model 80Cs used walnut Monte Carlo-type stocks starting in 1957 as well as a trigger guard with a more attractive design. All are identical to the Model 80 for game purposes.

The Model 81 of 1939 is basically a Model 80, but had a tubular magazine. This was superseded in 1940 by the Model 81B with the improved-wood stock, Tenite trigger guard, and the radial safety catch behind the bolt handle. The Model 81BE is a Model 81B with the aperture and bead sights. The Model 81C is a Model 81B with a widened semi-beavertail fore-end. The post-war Model 81C used a Monte Carlo-type stock starting in 1957 and the better trigger guard of the Model post-war Model 80C. All are identical to the Model 81 for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
Model 80	.22 Short, .22 Long, and .22 Long Rifle	2.61 kg	8	\$309
Model 81	.22 Short, .22 Long, and .22 Long Rifle	2.65 kg	24 (.22 Short), 21 (.22 Long), 18 (.22 Long Rifle); Tubular	\$310

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 80/81 (.22 Short)	BA	-2	Nil	6	1	Nil	43
Model 80/81 (.22 Long)	BA	1	Nil	6	1	Nil	49
Model 80/81(.22 Long Rifle)	BA	1	Nil	6	1	Nil	53

Marlin 512 Slugmaster

Notes: This weapon is based on the Marlin 55 Goose Gun. Though some argument could be made for placing it in the shotgun category – it fires shotgun slugs – I think it is better placed here with the rifles, since the barrel is rifled, the Slugmaster is unsuited for firing shot or most other types of special shotgun rounds, and in fact, firing shot rounds through the Slugmaster’s barrel will ruin the rifling. As with the Goose Gun, the Slugmaster is designed for 12 gauge 3-inch rounds, but the barrel is considerably shorter than that of the Goose Gun, at only 21 inches. The same two-round magazine is used for the Slugmaster as is used for the Goose Gun, and the action is virtually identical (except for the chamber loaded indicator). The Slugmaster has rifle-style iron sights, as well as drilling and tapping for a telescopic sight mount. The stock is of beechwood from Maine and has a walnut finish, and the butt has a thick recoil pad.

In 1997, the Model 512DL was introduced; it is a Model 512 with a black high-impact stock instead of a wooden stock. In 1998, the Model 512P was brought out; it is a model 512DL with compensator ports near the muzzle to help suppress barrel climb. The front sight bead of the Model 512P was also replaced with a bright orange glass fiber bead. The Model 512DL was not produced after 2000.

Twilight 2000 Notes: The Models 512DL and 512P do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Marlin 512	12 Gauge 3” (Slugs Only)	3.6 kg	2	\$921
Marlin 512DL	12 Gauge 3” (Slugs Only)	3.2 kg	2	\$951
Marlin 512P	12 Gauge 3” (Slugs Only)	3.2 kg	2	\$977

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Marlin 512	BA	6	2-4-Nil	8	6	Nil	87
Marlin 512DL	BA	6	2-4-Nil	8	5	Nil	87
Marlin 512P	BA	6	2-4-Nil	8	4	Nil	87

Marlin 780

Notes: This is an improved Model 80, with a better stock, matte-finished receiver to reduce glare, and a larger trigger guard for use

with a gloved trigger. The Model 781 is similar, but uses a tubular underbarrel magazine. The Model 782 fires magnum ammunition; the Model 783 is the magnum equivalent of the Model 781.

In 1989, the successor to the Model 780 series, the Model 880, was introduced. The Model 880 is virtually identical to the Model 780, but has a black high-impact plastic stock. The Model 880SS, introduced in 1994 version is somewhat heavier, has a black high-impact plastic stock, and has a stainless steel barrel and receiver. (Other metal parts are nickel-plated.) The Model 880SS has a protected front sight post with a bright orange inlay for visibility. In 1996, another version, the Model 880SQ (Squirrel) was introduced; this weapon has all-blued metal parts, no iron sights, and dovetails for the mounting of a telescopic sight. The barrel is also a heavy match barrel, and the Model 880SQ is heavier as a result. The Model 880SQ stopped being produced in 1999.

At the same time as the Model 880, the Model 881 was introduced. It is basically a Model 880 which is fed by a tubular magazine below the barrel. Iron sights are supplied, as are dovetails for telescopic sight mounts. The stock is of wood. The Model 881 remained in production until 1999. The Model 882 is a Model 880 chambered for .22 Winchester Magnum Rimfire; the barrel, bolt, and trigger of stainless steel, while the other metal parts are nickel-plated (including the magazine). A variant of the Model 882 is the Model 882SQ; this has a heavy match rifle, no iron sights, and a black high-impact plastic stock. The metal parts are matte blued. Production of the Model 882SQ stopped in 1998. The Model 882SQ was replaced by the Model 882SSV, which is basically a Model 882 with a heavy stainless steel match barrel. (It is identical to the Model 882SQ for game purposes.) The Model 883 is a Model 882 which is fed by a tubular underbarrel magazine instead of from a detachable magazine. There are variants of the Model 883 which have nickel-plated metal, stainless steel parts, and stocks of different woods.

Twilight 2000 Notes: The Model 880SS is very rare in the Twilight 2000 timeline. The Model 880SQ does not exist, nor does the Model 882SSV.

Weapon	Ammunition	Weight	Magazines	Price
Marlin 780	.22 Short, .22 Long, and .22 Long Rifle	2.49 kg	7	\$284
Marlin 781	.22 Short, .22 Long, and .22 Long Rifle	2.53 kg	25 (.22 Short), 21 (.22 Long), 17 (.22 Long Rifle); Tubular	\$284
Marlin 782	.22 Winchester Magnum Rimfire	2.56 kg	7	\$315
Marlin 783	.22 Winchester Magnum Rimfire	2.61 kg	12 Tubular	\$316
Marlin 880	.22 Long Rifle	2.49 kg	7	\$294
Marlin 880SS	.22 Long Rifle	2.7 kg	7	\$294
Marlin 880SQ	.22 Long Rifle	3.2 kg	7	\$292
Marlin 881	.22 Short, .22 Long, and .22 Long Rifle	2.7 kg	25 (.22 Short), 19 (.22 Long), 17 (.22 Long Rifle); Tubular	\$284
Marlin 882	.22 Winchester Magnum Rimfire	2.8 kg	7	\$315
Marlin 882SQ	.22 Winchester Magnum Rimfire	3.2 kg	7	\$333
Marlin 883	.22 Winchester Magnum Rimfire	2.7 kg	12 Tubular	\$324

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Marlin 780/781 (.22 Short)	BA	-2	Nil	5	1	Nil	40
Marlin 780/781 (.22 Long)	BA	1	Nil	5	1	Nil	45
Marlin 780/781 (.22 Long Rifle)	BA	1	Nil	5	1	Nil	49
Marlin 782/783	BA	1	Nil	5	1	Nil	63
Marlin 880	BA	1	Nil	5	1	Nil	49
Marlin 880SS	BA	1	Nil	5	1	Nil	49
Marlin 880SQ	BA	1	Nil	5	1	Nil	51
Marlin 881 (.22 Short)	BA	1	Nil	5	1	Nil	40
Marlin 881 (.22 Long)	BA	1	Nil	5	1	Nil	45
Marlin 881 (.22 Long Rifle)	BA	1	Nil	5	1	Nil	49
Marlin 882	BA	1	Nil	5	1	Nil	63
Marlin 882SQ	BA	1	Nil	5	1	Nil	66
Marlin 883	BA	1	Nil	5	1	Nil	63

Marlin MR-7

Notes: This is the first Marlin bolt-action rifle designed for centerfire rifle cartridges, surprisingly not introduced until 1996. It is an unremarkable design, with a stock of fine American walnut which is finished with Mar-Shield varnish, but little other refinements. The MR-7 was removed from the market in 2000.

Twilight 2000 Notes: This weapon does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
MR-7	.270 Winchester	3.4 kg	4	\$1456
MR-7	.30-06 Springfield	3.63 kg	4	\$1709

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
MR-7 (.270)	BA	4	2-3-Nil	7	4	Nil	60
MR-7 (.30-06)	BA	4	2-3-Nil	7	4	Nil	68

Marlin X-7

Notes: The X-7 is intended to be a direct competitor to similar rifles with higher (real-world) prices, such as the Remington 700, Ruger M-77, and Winchester M-70. The X-7 comes in long-action and short-action versions, and has features normally found on more (real-world) expensive rifles. These include the Pro-Fire Adjustable Trigger, a match-quality trigger pack that is adjustable by the shooter for length of pull, pull weight, and takeup distance. The bolt is fluted to reduce weight, and the interior working parts have a special coating which has good lubrication and anti-corrosion properties. The X-7 has a tactile red cocking/chamber-loaded indicator. The stock is of black synthetic with a slightly raised and padded cheekpiece and a Soft-Tech recoil pad. The X-7 has a 22-inch floating barrel with precision button rifling and tipped with a target crown. There are no iron sights, though the X-7 is drilled and tapped for a scope mount, and Marlin will include a one-piece scope base in the cost.

The X-7C is essentially the same rifle, but it has a Realtree APG camouflage pattern and is a little heavier; otherwise, for game purposes, it is identical to the X-7. The Model X-7S is built of more advanced materials in the stock and is a bit heavier, but otherwise identical to the X-7 for game purposes. The Model X-7Y is identical for most purposes to the Model X-7S, but comes only in a short-action version, and is likewise a bit heavier than it's X-7 brother.

The Model X-7VH is designed for varmint hunting, but would serve as well as a hunting weapon on most North-American-type game. Most of the features of the X-7 apply to the X-7VH, but the X-7VH has a heavy free-floating 26-inch barrel.

Weapon	Ammunition	Weight	Magazines	Price
X-7	.25-06 Remington	2.84 kg	4 Internal	\$1359
X-7	.270 Winchester	2.96 kg	4 Internal	\$1549
X-7	.30-06 Springfield	3.12 kg	4 Internal	\$1802
X-7	.243 Winchester	2.67 kg	4 Internal	\$1089
X-7	7mm-08 Remington	2.98 kg	4 Internal	\$1538
X-7	7.62mm NATO	2.97 kg	4 Internal	\$1520
X-7S	.25-06 Remington	2.95 kg	4 Internal	\$1358
X-7S	.270 Winchester	3.08 kg	4 Internal	\$1547
X-7S	.30-06 Springfield	3.24 kg	4 Internal	\$1800
X-7S	.243 Winchester	2.78 kg	4 Internal	\$1087
X-7S	7mm-08 Remington	3.1 kg	4 Internal	\$1536
X-7S	7.62mm NATO	3.09 kg	4 Internal	\$1519
X-7Y	.243 Winchester	2.95 kg	4 Internal	\$1538
X-7Y	7mm-08 Remington	3.08 kg	4 Internal	\$1520
X-7Y	7.62mm NATO	3.24 kg	4 Internal	\$1358
X-7VH	.22-250 Remington	3.52 kg	4 Internal	\$974
X-7VH	7.62mm NATO	3.97 kg	4 Internal	\$1561

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
X-7/X-7S (.25-06)	BA	4	2-Nil	7	4	Nil	73
X-7/X-7S (.270)	BA	4	2-3-Nil	7	4	Nil	64
X-7/X-7S (.30-06)	BA	4	2-3-Nil	7	4	Nil	73
X-7/X-7S (.243)	BA	3	2-Nil	7	3	Nil	69
X-7/X-7S (7mm-08)	BA	4	2-3-Nil	7	4	Nil	84
X-7/X-7S (7.62mm)	BA	4	2-3-Nil	7	4	Nil	83
X-7YH (.22-250)	BA	3	2-Nil	7	2	Nil	83
X-7YH (7.62mm)	BA	4	2-3-Nil	8	4	Nil	103

Mossberg 4x4

Notes: The 4x4 (I have yet to determine why Mossberg calls this rifle the "4x4") is one of Mossberg's newest rifles; it has just recently (as I write this in early August 2007) appeared on Mossberg's website for sale. It is one of those rifles called a "tackdriver" in shooting slang – a civilian rifle which is made so well that it has sniper rifle-like accuracy, capable of sub-MOA accuracy at long ranges.

Based on the Model 100 ATR action, the 4x4, the 4x4 improves on the Model 100 ATR, using an action and receiver machined from solid bar stock. Though the bolt has only two locking lugs, they are huge, and the 4x4 has a plunger-type ejector. Barrels are 24-inches (except for a couple of versions which use a 22-inch barrel), and are button-rifled, free-floating, heavy profile, and with a target crown. No iron sights are provided, but the 4x4 does have a Weaver sight rail. Stocks may be wood or synthetic; both have a semi-Monte Carlo profile and a thick gel-type recoil pad. The wood stocks may be laminated or un-laminated walnut; the synthetic stocks are made from strong polymer and use a skeletonized profile with internal aluminum reinforcement. Synthetic stocks are invariably matte black, while the walnut stocks have a very attractive grain and can be a rich brown or a light gray. The 4x4 is also



noted for its relatively short length of pull (but not too short), which makes it suitable for shooters of almost all statures and also makes scope use easier. Feed is from detachable polymer magazines, which may also be loaded from the top of the rifle through the action.

Twilight 2000 Notes: The 4x4 does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
4x4 (Wood Stock)	.25-06 Remington	3.22 kg	4	\$1368
4x4 (Synthetic Stock)	.25-06 Remington	3.04 kg	4	\$1382
4x4 (Wood Stock)	.270 Winchester	3.31 kg	4	\$1557
4x4 (Synthetic Stock)	.270 Winchester	3.12 kg	4	\$1571
4x4 (Wood Stock)	7mm Remington Magnum	3.33 kg	3	\$1596
4x4 (Synthetic Stock)	7mm Remington Magnum	3.14 kg	3	\$1610
4x4 (Wood Stock)	.30-06 Springfield	3.42 kg	4	\$1809
4x4 (Synthetic Stock)	.30-06 Springfield	3.23 kg	4	\$1824
4x4 (Wood Stock, 22" Barrel)	.30-06 Springfield	3.41 kg	4	\$1787
4x4 (Wood Stock)	.300 Winchester Magnum	3.53 kg	3	\$2398
4x4 (Synthetic Stock)	.300 Winchester Magnum	3.33 kg	3	\$2413
4x4 (Wood Stock, 22" Barrel)	.300 Winchester Magnum	3.52 kg	3	\$2334
4x4 (Wood Stock)	.338 Winchester Magnum	3.61 kg	3	\$2619
4x4 (Synthetic Stock)	.338 Winchester Magnum	3.41 kg	3	\$2635

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
4x4 (.25-06)	BA	4	2-3-Nil	7	4	Nil	70
4x4 (.270)	BA	4	2-3-Nil	7	4	Nil	74
4x4 (7mm)	BA	4	1-2-3	7	4	Nil	92
4x4 (.30-06)	BA	4	2-3-Nil	8	4	Nil	84
4x4 (.30-06, 22")	BA	4	2-3-Nil	7	4	Nil	74
4x4 (.300)	BA	5	2-3-Nil	8	4	Nil	96
4x4 (.300, 22")	BA	5	2-3-Nil	7	4	Nil	84
4x4 (.338)	BA	6	1-3-Nil	8	5	Nil	110

Mossberg 100 ATR

Notes: Introduced in mid-2006, the Model 100 ATR (All-Terrain Rifle) is the first new bolt action rifle that Mossberg has introduced in about two decades. It appears similar to most modern bolt-action rifles: a synthetic stock (in black, wood brown, or a Mossy Oak camouflage pattern), a semi-heavy barrel, and what looks like a fairly conventional action, with the bolt handle turned down part of the way and then projecting outwards, to clear scopes.

Upon closer inspection, however, several differences become apparent. Molded directly into the stock itself are the trigger guard and sling swivels (they are integral to the stock); in addition, checkering for the pistol grip wrist and fore-end are molded into the stock (though the checkering is not deep enough, in the opinion of many firearms experts). It has no floorplate for the internal magazine; though this decreases the possibility of dirt entering the action, it also means that to unload the Model 100 ATR, each round must be cycled and ejected through the action. The 22-inch barrel is free-floating a just little heavier than the typical sporting rifle barrel, and it is made of a high grade of chrome-moly steel. (Almost half the barrel is also unsupported by the stock.) The barrel has a target crown, and the butt has a thick recoil pad. Metalwork is finished in matte-black blueing. The Model 100 ATR has no iron sights of any kind, though it is drilled and tapped for scope bases as well as mounts like Weaver-type rails or MIL-STD-1913 rails. The bolt rides on a receiver rail attached to the right side of the receiver; this bolt is also contained within a special bolt sleeve that contains an anti-bind feature as well as keeping the bolt in alignment if the rifle is abused. The Model 100 ATR uses an ejector/plunger extractor combination. At the rear of the bolt on the left is a shroud which contains a port for the escape of gasses in the case of cartridge or primer failure.

The 100 ATR Bantam is a variant of the standard 100 ATR; it differs primarily in the very limited amount of chamberings and the short 20-inch barrel. Versions with wood stocks are called Bantams; versions with synthetic stocks are called Super Bantams.

One of the newest version of the Model 100 ATR is the Night Train; the original Night Train was introduced in early 2008. The Night Train blurs the line between a civilian hunting weapon and a sniper rifle, having features that would appeal to and be useful by hunters, police snipers, and military snipers. As the name would indicate, the Night Train is made4 completely from black synthetic or metal parts finished in a deep, matte black. The Night Train is chambered only for 7.62mm NATO and uses an internal top-loading magazine. Atop the rifle is a MIL-STD-1913 rail; no iron sights are mounted, but they can be had upon request, and the Night Train is sold by Mossberg complete with a Barska 6-24x60 scope. The Night Train also comes with a Harris folding bipod that is adjustable for height and cant. The 22-inch barrel is match-quality and is tipped with a target crown. The stock has a ventilated rubber recoil pad.

The Night Train is definitely a quality weapon, but the Night Train II goes a few steps further. The Night Train II is equipped with the fast LBA (Lightning Bolt Action) system for smooth operation. The barrel is essentially the same, but is tipped with a large muzzle brake. The stock has a raised neoprene cheekpiece that can take one of several interchangeable foam inserts (or no inserts at all). The stock and metalwork may be black like the original Night Train, or one of three digital camo patterns.

Interestingly, the owner's manual says that the Model 100 ATR's bolt and sleeve should not be disassembled by the user; in fact,

the manual says that the only stripping that should be done by the user is to remove the bolt/bolt sleeve and the barrel (which is connected to the action) from the rifle. The safety is standard for this type of rifle, with a red dot being uncovered if the rifle is set to fire. The bolt can be cycled with the safety on, allowing the user to safely unload the rifle or clear dud cartridges. The Model 100 ATR comes in long and short-action models; most calibers are short-action, with the .270 Winchester and .30-06 Springfield chambering currently comprising the long-action calibers available. Some Mossberg employees have hinted at more calibers being available in the future, but at present this is just a rumor.

Twilight 2000 Notes: The Model 100 ATR is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
100 ATR	.243 Winchester	3.18 kg	5 Internal	\$1085
100 ATR	.270 Winchester	3.37 kg	5 Internal	\$1546
100 ATR	7.62mm NATO	3.36 kg	5 Internal	\$1517
100 ATR	.30-06 Springfield	3.46 kg	5 Internal	\$1799
100 ATR Bantam	.243 Winchester	2.95 kg	5 Internal	\$977
100 ATR Bantam	7.62mm NATO	3.12 kg	5 Internal	\$1407
Night Train	7.62mm NATO	3.86 kg	4 Internal	\$2277
Night Train II	7.62mm NATO	4.31 kg	4 Internal	\$2479

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
100 ATR (.243)	BA	3	2-Nil	6	3	Nil	68
100 ATR (.270)	BA	4	2-3-Nil	7	4	Nil	63
100 ATR (7.62mm)	BA	4	2-3-Nil	7	4	Nil	82
100 ATR (.30-06)	BA	4	2-3-Nil	7	4	Nil	71
100 ATR Bantam (.243)	BA	3	2-Nil	6	3	Nil	59
100 ATR Bantam (7.62mm)	BA	4	2-3-Nil	7	5	Nil	71
Night Train	BA	4	2-3-Nil	7	4	Nil	83
With Bipod	BA	4	2-3-Nil	7	2	Nil	108
Night Train II	BA	4	2-3-Nil	7	2	Nil	83
With Bipod	BA	4	2-3-Nil	7	1	Nil	108

Mossberg 142A Sporting Carbine

Notes: This is a modification of earlier pre-World War 2 single-shot Mossberg designs, modified to fire from a short-barreled bolt-action rimfire rifle fed from a detachable box magazine. The fore-end of the rifle was hinged and could be pulled down to provide a handgrip. The Mossberg 142A used a Monte Carlo-type stock. The barrel length was 18 inches, and the sights a simple aperture rear sight with a bead front sight. The Model 142A was built from 1949-57; rifles built before 1954 used a T-shaped bolt handle, while after that, the handle used a conventional ball. The Model 142K, built from 1953-57, had a spring-leaf and elevator rear sight.

The Model 140K (despite the nomenclature) came later, and was built from 1955-58. This version had a barrel 24.5 inches long, a spring-leaf and elevator rear sight and a post sight at the muzzle; in addition, the fore-end had a Schnabel tip. The Model 140B was basically the same, but used a simple peep rear sight and a hooded ramp-type sight at the muzzle.

The M-144, built from 1949-54, was designed as a target-shooting version of the Model 142A. The Model 144 uses a T-shaped bolt handle, a 26-inch match-quality barrel, and a micrometer-adjustable aperture optical sight at the rear along with a hooded ramped blade at the front. The stock used a straight comb, and the fore-end was deep and had a hand-stop. Modifications of the Model 144 included the Model 144LS, with a ball-type bolt handle, a Lyman-made rear optical sight, and a Lyman-made front globe sight. It was replaced by the Model 144LS-A, which had sights made by Mossberg, and finally by the Model 144LS-B, which used different Mossberg-made sights and a 27-inch barrel. All of these stopped production in 1985.

The Model 146, built from 1949-54, was a takedown version of the Model 142A, but also had a straight bolt handle, a Schnabel tip on the fore-end, a 26-inch barrel, and was fed by a tubular magazine instead of a box. The Model 146A was the same, but the iron sights were mounted in dovetails.

Weapon	Ammunition	Weight	Magazines	Price
Model 142A	.22 Short, .22 Long, and .22 Long Rifle	2.74 kg	7	\$248
Model 140K	.22 Short, .22 Long, and .22 Long Rifle	2.63 kg	7	\$314
Model 144	.22 Short, .22 Long, and .22 Long Rifle	3.63 kg	7	\$481
Model 144LS-B	.22 Short, .22 Long, and .22 Long Rifle	3.71 kg	7	\$492
Model 146	.22 Short, .22 Long, and .22 Long Rifle	3.8 kg	30 (.22 Short, 26 (.22 Long), or 20 (.22 Long Rifle; Tubular	\$330

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 142A (.22 Short)	BA	-2	Nil	5	1	Nil	33
Model 142A (.22 Long)	BA	1	Nil	5	1	Nil	37
Model 142A (.22 Long Rifle)	BA	1	Nil	5	1	Nil	41
Model 140K (.22 Short)	BA	-2	Nil	6	1	Nil	44
Model 140K (.22 Long)	BA	1	Nil	6	1	Nil	49
Model 140K (.22 Long Rifle)	BA	1	Nil	6	1	Nil	54
Model 144 (.22 Short)	BA	-2	Nil	6	1	Nil	48
Model 144 (.22 Long)	BA	1	Nil	6	1	Nil	53
Model 144 (.22 Long Rifle)	BA	1	Nil	6	1	Nil	58
Model 144LS-B (.22 Short)	BA	-2	Nil	6	1	Nil	50
Model 144LS-B (.22 Long)	BA	1	Nil	6	1	Nil	55
Model 144LS-B (.22 Long Rifle)	BA	1	Nil	6	1	Nil	60
Model 146 (.22 Short)	BA	-2	Nil	6	1	Nil	47
Model 146 (.22 Long)	BA	1	Nil	6	1	Nil	52
Model 146 (.22 Long Rifle)	BA	1	Nil	6	1	Nil	57

Mossberg 340 Series

Notes: This series was intended as a replacement for the Model 142 series. The Model 340 series, like the Model 142 series, had many components in common with the semiautomatic Mossberg rimfire rifles of the period – in fact, this required that the bolt handle be placed much further forward than is usual for bolt-action rifles in order to keep the magazine in the same place. The trigger mechanism was also much better than that of the Model 142 series (and most rimfire rifles of the period).

The base model 340B was built from 1958-60, and used a Monte Carlo-type stock and cheekpiece. The butt was of plastic, with a thin white spacer. The barrel was 18 inches, with a spring-leaf and elevator rear sight. The Model 340B-A was identical except for the simple peep-type rear sight which was dovetailed into the rifle. The Model 340K is also virtually identical, but uses simple, non-adjustable open sights; the Model 340K-A is the same as the Model 340K, but the rear sight is dovetailed into the rifle. The Model 340M was similar to the Model 340B, but used a full-length Mannlicher-type stock and a barrel length of 18.5 inches.

The Model 341 was built from 1972 onward, and was a semi-deluxe version with a 24-inch barrel, a walnut Monte Carlo-style stock with impressed checkering on the pistol grip wrist and fore-end, a spring-leaf and elevator rear sight, and a ramp front sight.

Produced concurrently with the Model 340 series, the Model 342K was a version of the Model 340B with a mostly-plain stock (though a low cheekpiece was retained), a front section of the fore-end which could be pivoted downward to form a sort of foregrip, and simple open iron sights. The Model 342K-A was identical except for the dovetailed rear sight. Though slightly lighter than the Model 340B, it shoots identically for game purposes.

The Model 344 was built for a short time in 1985, and was the last magazine-fed rimfire rifle Mossberg built. It used a 24-inch barrel, and for game purposes shoots the same as the Model 341. The Model 344K was the same except for its 18.5-inch barrel. For game purposes, it shoots like the Model 340M, though there are weight differences.

The Model 346B was also built concurrently with the Model 340B, but was fed by an underbarrel tubular magazine. It used the same Monte Carlo-type stock as the Model 340B, but had a 24-inch barrel and a peep-type rear sight. The Model 346B-A was the same except for the rear sight being dovetailed into the receiver. The Model 346K is also identical, except for the spring-leaf and elevator rear sight. As might be guessed, the Model 346K-A is the Model 346K with the rear sight dovetailed in. All are identical to the Model 346B for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
Mossberg 340B	.22 Short, .22 Long, and .22 Long Rifle	2.74 kg	7	\$248
Mossberg 340M	.22 Short, .22 Long, and .22 Long Rifle	2.78 kg	7	\$253
Mossberg 341	.22 Short, .22 Long, and .22 Long Rifle	2.95 kg	7	\$309
Mossberg 342K	.22 Short, .22 Long, and .22 Long Rifle	2.71 kg	7	\$246
Mossberg 344	.22 Short, .22 Long, and .22 Long Rifle	2.92 kg	7	\$309
Mossberg 344K	.22 Short, .22 Long, and .22 Long Rifle	2.73 kg	7	\$251
Mossberg 346B	.22 Short, .22 Long, and .22 Long Rifle	2.99 kg	25 (.22 Short), 22 (.22 Long), 18 (.22 Long Rifle); Tubular	\$310

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mossberg 340B (.22 Short)	BA	-2	Nil	5	1	Nil	33
Mossberg 340B (.22 Long)	BA	1	Nil	5	1	Nil	37

Mossberg 340B (.22 Long Rifle)	BA	1	Nil	5	1	Nil	41
Mossberg 340M (.22 Short)	BA	-2	Nil	5	1	Nil	34
Mossberg 340M (.22 Long)	BA	1	Nil	5	1	Nil	38
Mossberg 340M (.22 Long Rifle)	BA	1	Nil	5	1	Nil	42
Mossberg 341 (.22 Short)	BA	-2	Nil	6	1	Nil	43
Mossberg 341 (.22 Long)	BA	1	Nil	6	1	Nil	49
Mossberg 341 (.22 Long Rifle)	BA	1	Nil	6	1	Nil	53
Mossberg 346 (.22 Short)	BA	-2	Nil	6	1	Nil	43
Mossberg 346 (.22 Long)	BA	1	Nil	6	1	Nil	49
Mossberg 346 (.22 Long Rifle)	BA	1	Nil	6	1	Nil	53

**Mossberg 640 Chuckster**

Notes: The Model 640 was based on the Model 340 action, though the action had to be greatly-altered (primarily in the area of strength) in order to use the .22 Winchester Magnum Rimfire it was chambered for. The Model 640K had a Monte Carlo-type half-stock with a cheekpiece and a pistol grip wrist. The barrel of the of the original Model 640K was 24 inches long, with a spring-leaf and finger wheel rear sight and a simple bead front sight. The Model 640 was replaced in production in 1960 by the Model 640K-A, which was virtually the same but had a simple adjustable open rear sight and the bead front sight, both of which were dovetailed in. The Model 640KS was identical to the Model 640K for game purposes, but it was a deluxe model with a walnut stock, hand-cut checkering on the pistol grip wrist and fore-end, and gold plating on the trigger, trigger guard, and sights. The Model 640M (built only in 1971) was a version with a full-length Mannlicher-type stock with checkering on the pistol grip and fore-end, and steel cap on the fore-end. Though it is heavier than a Model 640K, it shoots the same for game purposes.

The Model 642K was a carbine variant of the Model 640K; built from 1960-68, it had an 18.5-inch barrel, and the front of the fore-end pivoted downward to give it a sort of foregrip. This foregrip was made of black Tenite plastic.

From 1959-60, a single-shot version, the Model 620K, was built, but only in small numbers for a few months. Except for the lack of a magazine, the Model 630K was essentially the same as the Model 640K. The Model 620K-A was the single-shot equivalent of the Model 640K-A, and it was built until 1968.

Weapon	Ammunition	Weight	Magazines	Price
Mossberg 640K	.22 Winchester Magnum Rimfire	2.74 kg	5	\$341
Mossberg 640M	.22 Winchester Magnum Rimfire	2.79 kg	5	\$339
Mossberg 642K	.22 Winchester Magnum Rimfire	2.56 kg	5	\$285
Mossberg 620K	.22 Winchester Magnum Rimfire	2.67 kg	1 Internal	\$305

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mossberg 640K	BA	1	Nil	6	1	Nil	70
Mossberg 642K	BA	1	Nil	5	1	Nil	52
Mossberg 620K	SS	1	Nil	6	1	Nil	70

**Mossberg 800**

Notes: This rifle was originally designed by Louis Seecamp and Carl Benson in the late 1960s for Montgomery Ward to sell in their stores. Montgomery Ward decided not to sell them, but Mossberg took up the type and sold it in its various incarnations into late 1970s.

The Model 800 had a strangely-shaped S-shaped bolt handle – bent forward, then back. The rifle is well-made and looks good. Internally, the bolt is also unusual, having two rows of three lugs (most rifles only have one set of lugs). The extractor uses a rather short blade, but its spring is especially strong, saving space and giving the Model 800 reliable case ejection. The early versions used a walnut Monte Carlo-type half stock, with the pistol grip wrist having a plastic white cap and the buttplate having decorative white spacers. The pistol grip wrist and fore-end had impressed skip-line checkering. The pistol grip wrist also had a decorative deer’s head on each side, and the fore-end had a decorative running buck on each side. The barrel was 22 inches long, with a folding leaf rear sight and a ramp front sight. The original Model 800 was built from 1966-78; original chamberings .243 Winchester and 7.62mm NATO, but more chamberings were quickly added due to customer demand. Starting in 1967, the nomenclature was changed greatly; the 7.72mm NATO version became the Model 800A, the .243 Winchester version became the Model 800B, the .22-250 version was the Model 800C, the short-lived (1968-69) .350 Remington Magnum version became the Model 800D, the also short-lived 6.5mm Remington Magnum version became the Model 800E, and the even rarer .222 Remington version (built only for a few months in 1970) became the Model 800F.

There were many variants, most of which were simple variations of stock shape or “deluxe” versions, but several need separate explanations. The Model 800AM was a shorter version of the Model 800A, with a 20-inch barrel, a straight spatulate bolt handle, and a full-length Mannlicher-type stock. It’s a rather rare variant, despite being manufactured for almost 3 years. The Model 800AVT was designed for varmint and target shooting; it has a 24-inch heavy barrel and came with bases for scope rings.

The Model 800BM is the same as the Model AM above, but with a different chambering. The Model 800BVT is also the same as the Model 800 AVT, but again with different chambering. The same is true of the Model 800C and Model 800CVT.

The Model 800V (later re-designated the Model 800VT) used an extra-heavy 24-inch barrel and came with bases for scope rings; it



is similar to the Model 800AVT, BVT, and CVT, but with an even heavier, stiffer barrel made of better-quality steel.

Weapon	Ammunition	Weight	Magazines	Price
Model 800F	.222 Remington	2.73 kg	4 Internal	\$774
Model 800C	.22-250 Remington	2.81 kg	4 Internal	\$840
Model 800E	6.5mm Remington Magnum	3.16 kg	4 Internal	\$1186
Model 800B	.243 Winchester	2.95 kg	4 Internal	\$996
Model 800A	7.62mm NATO	3.52 kg	4 Internal	\$1428
Model 800D	.350 Remington Magnum	4.24 kg	4 Internal	\$2419
Model 800AM	7.62mm NATO	3.49 kg	4 Internal	\$1408
Model 800AVT	7.62mm NATO	3.56 kg	4 Internal	\$1449
Model 800BM	.243 Winchester	2.91 kg	4 Internal	\$976
Model 800BVT	.243 Winchester	2.98 kg	4 Internal	\$1016
Model 800CM	.22-250 Remington	2.77 kg	4 Internal	\$820
Model 800CVT	.22-250 Remington	2.85 kg	4 Internal	\$860
Model 800V	.22-250 Remington	2.86 kg	4 Internal	\$866
Model 800V	.243 Winchester	3.07 kg	4 Internal	\$1022
Model 800V	7.62mm NATO	3.54 kg	4 Internal	\$1455

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 800 (.222)	BA	3	1-Nil	6	3	Nil	71
Model 800 (.22-250)	BA	3	1-Nil	6	3	Nil	65
Model 800 (6.5mm Magnum)	BA	5	1-2-Nil	7	4	Nil	81
Model 800 (.243)	BA	3	2-Nil	7	3	Nil	65
Model 800 (7.62mm)	BA	4	2-3-Nil	7	5	Nil	79
Model 800 (.350 Magnum)	BA	6	1-3-Nil	7	5	Nil	95
Model 800AM	BA	4	2-3-Nil	7	4	Nil	68
Model 800AVT	BA	4	2-3-Nil	7	5	Nil	89
Model 800BM	BA	3	2-Nil	6	3	Nil	57
Model 800BVT	BA	3	2-Nil	7	3	Nil	74
Model 800CM	BA	3	1-Nil	6	3	Nil	56
Model 800CVT	BA	3	1-Nil	7	3	Nil	73
Model 800V (.22-250)	BA	3	1-Nil	7	3	Nil	75
Model 800V (.243)	BA	3	2-Nil	7	3	Nil	77
Model 800V (7.62mm)	BA	4	2-3-Nil	7	5	Nil	93

## Mossberg 810

Notes: Though based partially on the Model 800, the Model 810, is *not*, as some people think, simply a long-action version of the Model 800, as there are many differences other than the length of the action. The Model 810 has several other internal and external differences, including the bolt, which has a pair of four lugs instead of three, and the trigger unit, which has a conventional firing pin instead of being striker-fired, and also allows for adjustments for length and weight of pull. The trigger unit is also a self-contained unit instead of being just another collection of parts of the rifle. The Model 810 has a "blind box" magazine; the small magazine is fits entirely within the receiver and is concealed under a floorplate. (After 1973, versions with internal magazines were also introduced, and the popularity of the box-magazine versions markedly decreased.) The walnut half-stock is of the Monte Carlo-type, but has a low comb instead of the Model 800's higher one. The buttplate and the cap of the pistol grip had decorative white plastic spacers. Production lasted from 1972-78.

The base version was the Model 810A, chambered for .30-06 Springfield, with a 22-inch barrel and a folding leaf rear sight. The internal magazine counterpart was the Model 810AH. The Models 810B and BH were chambered for 7mm Remington Magnum and Models 810C and CH were chambered for .270 Winchester. Models 810D and DH were chambered for .338 Winchester Magnum; though otherwise the same as the other versions except for the chambering, these two models used a 24-inch barrel and had smaller magazine capacities. The internal magazine-fed versions have slight weight differences, but shoot identically to the box magazine-fed versions for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
Mossberg 810C	.270 Winchester	3.31 kg	4	\$1449
Mossberg 810CH	.270 Winchester	3.34 kg	4 Internal	\$1451
Mossberg 810B	7mm Remington Magnum	3.35 kg	4	\$1488
Mossberg 810BH	7mm Remington Magnum	3.38 kg	4 Internal	\$1490
Mossberg 810A	.30-06 Springfield	3.52 kg	4	\$1701
Mossberg 810AH	.30-06 Springfield	3.55 kg	4 Internal	\$1703
Mossberg 810D	.338 Winchester Magnum	3.98 kg	4	\$2507
Mossberg 810DH	.338 Winchester Magnum	4.02 kg	4 Internal	\$2457

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mossberg 810C (.270)	BA	4	2-3-Nil	7	4	Nil	60
Mossberg 810B (7mm)	BA	4	1-2-3	7	5	Nil	75
Mossberg 810A (.30-06)	BA	4	2-3-Nil	7	5	Nil	68
Mossberg 810D (.338)	BA	6	1-3-Nil	8	6	Nil	103

**Mossberg MVP Patrol**

Notes: Designed for use as a patrol rifle by police forces, the MVP is just as effective as a hunting rifle. Though the barrel; is a short at 16,25 inches, this is a good size for a police officer's car or trunk gun. There is a surprising amount of thick, heavy steel in the design, most notably the barrel and bolt, but the MVP Patrol also has a decent amount of lightning cuts and fluting in strategic places to bring weight down dramatically from what it might have been. The barrel, therefore is a fluted bull barrel; in fact, tolerances all over are very tight and many shooters comment on how rigid the rifle is. The barrel not only floats, but is very stiff and has special bedding. The barrel is tipped with an A2-type flash suppressor. The MVP Patrol has a match-quality two-stage Mossberg Lightning trigger, which has a takeup bar in the center of the trigger. This takeup bar doubles as trigger safety. Once the takeup is actuated, the trigger pull weight is only two pounds. The trigger is also user-adjustable.

Like most modern rifles, there is a Picatinny Rail atop the receiver. The MVP Patrol has excellent iron sights which are fully adjustable in front and back; however, the rifle as bought from the company is also equipped with a UTG 3-9x32mm scope. The iron sights are in the Scout position.

The furniture is black or flat dark earth and synthetic, stipple-textured on the semi-pistol grip and the fore-end. A snap-on raised cheekpiece comes with the rifle. The stock and fore-end are "thin-profiled," making the rifle lighter but sometimes a bit difficult to seat into the shoulder.

A persistant complaint is in the magazines – to be exact, the magazine fit. The MVP Patrol is supposed to be able to take any sort of magazine of the appropriate caliber, but many of them have to be literally slammed home – hard – to seat properly. The magazines can also be top-loaded through the action, but the action is large, much larger than the rounds to be loaded, and it's easy to get a bit fumble-fingered. The magazine, in addition to the trigger pack, serves as a sort of bedding blocks for the action. The action is nothing new in design, but is a perfected form of an old Savage design from the 1930s. The action includes a chamber-loaded indicator which is both visual and tactile.

Strangely enough, the RL price is considerably less than the game price – unusual.

Weapon	Ammunition	Weight	Magazines	Price
MVP Patrol	5.56mm NATO	3.36 kg	5, 10, 20, 30	\$1372
MVP Patrol	7.62mm NATO	3.58 kg	5, 10, 20, 25	\$2014

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
MVP Patrol (5.56mm)	BA	3	1-Nil	5	3	Nil	50
On Bipod	BA	3	1-Nil	5	1	Nil	65
MVP Patrol (7.62mm)	BA	4	2-3-Nil	6	4	Nil	56
On Bipod	BA	4	2-3-Nil	6	2	Nil	73



**New England Arms K-701**

Notes: The K-701 is a match-grade rifle within a heavy barrel, adjustable trigger, adjustable match sights, contoured hand stop, and drilling and tapping for a scope. It is a popular weapon with North American biathletes. An optical sight is included in the cost of the weapon.

Weapon	Ammunition	Weight	Magazines	Price
K-701	.22 Long Rifle	4.99 kg	6	\$495

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
K-701	BA	1	Nil	6	1	Nil	61

**Newton Sporting Rifle**

Notes: Charles Newton is often regarded as the father of modern high-velocity rifle cartridges. He is best known for the now-obsolete Newton cartridges, but he also designed a rifle tailor-made to fire them. The Newton Sporting Rifle was best known for its seemingly-delicate looks, but toughness and durability.

His first pattern of rifles was designed specifically for the ammunition he designed, and was first produced in 1916. It did not do well on the market, but to be fair, it is probably World War 1 and Newton's own poor business sense that sank the rifle, and not the rifle itself. These rifles had set triggers, a magazine loaded from a stripper clip (unlike most sporting arms), and were often grooved for a telescopic sight mount.

After the failure of his company, and several years of litigation to gain back his patents and even the use of his own name, Charles Newton came back with the Second Pattern Sporting Rifle, or the Buffalo Newton (after the city, not the animal). This again fired the cartridges he was famous for, as well as .30-06 Springfield. This time, however, the Great Depression sank the company, never to return.

Weapon	Ammunition	Weight	Magazines	PriceR
Newton (1 <sup>st</sup> Pattern)	.256 Newton	2.8 kg	5 Clip	\$1323
Newton (1 <sup>st</sup> Pattern)	.30 Newton	3.11 kg	5 Clip	\$1746
Newton (1 <sup>st</sup> Pattern)	.33 Newton	3.55 kg	5 Clip	\$2539
Newton (1 <sup>st</sup> Pattern)	.35 Newton	3.7 kg	5 Clip	\$2753
Newton (2 <sup>nd</sup> Pattern)	.256 Newton	3.37 kg	5 Clip	\$1323
Newton (2 <sup>nd</sup> Pattern)	.30 Newton	3.74 kg	5 Clip	\$1746
Newton (2 <sup>nd</sup> Pattern)	.33 Newton	4.27 kg	5 Clip	\$2539
Newton (2 <sup>nd</sup> Pattern)	.35 Newton	4.45 kg	5 Clip	\$2753
Newton (2 <sup>nd</sup> Pattern)	.30-06 Springfield	3.89 kg	5 Clip	\$1728

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Newton (1 <sup>st</sup> , .256)	BA	4	1-2-3	7	5	Nil	82
Newton (1 <sup>st</sup> , .30)	BA	5	2-3-Nil	8	5	Nil	92
Newton (1 <sup>st</sup> , .33)	BA	6	1-3-Nil	8	6	Nil	102
Newton (1 <sup>st</sup> , .35)	BA	6	1-3-Nil	8	6	Nil	107
Newton (2 <sup>nd</sup> , .256)	BA	4	1-2-3	7	4	Nil	82
Newton (2 <sup>nd</sup> , .30)	BA	5	2-2-Nil	8	5	Nil	92
Newton (2 <sup>nd</sup> , .33)	BA	6	1-3-Nil	8	5	Nil	102
Newton (2 <sup>nd</sup> , .35)	BA	6	1-3-Nil	8	5	Nil	107
Newton (2 <sup>nd</sup> , .30-06)	BA	4	2-3-Nil	8	4	Nil	78

**Nosler Custom Rifle**

Notes: Though Nosler is much more well-known for its quality ammunition, in 2005 it decided to produce a limited-run quality hunting rifle. Only 500 will be produced per year, for a as-yet-undetermined period of time. Nosler plans for each year of production to be chambered for a different cartridge, but only one cartridge per year; in 2005, the chosen cartridge is .300 Winchester Short Magnum, while for 2006, the chambering will be .280 Ackley. It appears that 2007 was the last year for the NCR, and it was chambered in .338 Winchester Magnum. It is expected that in the future, the chosen chamberings will be based on cartridges which Nosler produces in its Custom Ammunition Line, but whether or not this is true is uncertain, and Nosler is not saying. When one buys a Nosler rifle, he gets virtually everything he could want or need – a very high-quality rifle, a scope and base, a sling, a metal carrying case, a letter of authenticity, and other such perks. The Nosler rifle is based around a custom-designed push-feed action, which is described as being smooth as silk and requires very little lubrication. Metalwork is primarily stainless steel finished with a custom

matte ceramic finish. The scope sold with the rifle is a version of the Leupold VX III 3.5-10x40 designed specifically for this rifle. Weight is so evenly distributed that it seems lighter than the actual weight of the rifle. The barrel is a 24-inch (24.75 inches on the .338 Winchester Magnum Model) Wiseman hand-lapped match-grade free-floating barrel with a target crown, giving the Nosler rifle sniper-rifle-like accuracy. Bob Nosler himself actually gives a money-back guarantee of the accuracy of the weapon. The trigger, though not adjustable, has a very light, crisp, and clean pull and breaks very evenly. The safety is three-position, allowing the bolt to be worked without the possibility of the weapon firing.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Nosler Custom 2005	.300 Winchester Short Magnum	3.97 kg	3 Internal	\$1782
Nosler Custom 2006	.280 Ackley	3.97 kg	4 Internal	\$1638
Nosler Custom 2006	.338 Winchester Magnum	3.75 kg	3 Internal	\$2856

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Nosler Custom 2005	BA	5	1-2-3	7	4	Nil	134
Nosler Custom 2006	BA	4	1-2-3	7	4	Nil	107
Nosler Custom 2006	BA	5	1-3-Nil	8	5	Nil	136

## Nosler M-48

Notes: The Model 48 rifle is a beautifully-wood-grained stock. Even the “basic” versions are what would be fancy in other rifles. A Model 48 IRL costs enough to make a decent down payment on a new car.

The Model 48 Legacy is built around the proven Nosler action. It has a wood stock with exceptional grain, with the pistol grip wrist and fore-end checkered at 20 lpi for a better grip. The stock, barrel, and other external metalwork is finished in Midnight Blue Cerakote and Micro Slick, sealing the rifle from the elements and corrosion. The Model 48 Legacy comes in a plethora of calibers, and a 24-inch barrel which is floated, hand-lapped, stainless steel, match quality, and in the case of Magnum versions, a heavy profile barrel.

The Model 48 Professional is built around the same action and barrel, but with a match trigger. The stock is of composite material stiffened with aramid fibers. Caliber selection is even wider than for the Legacy, and the magazine is detachable.

On the Model 48C Custom, the first thing you may notice is the stock. It is a hand-laid Kevlar/carbon fiber composite which is tough, waterproof and weatherproof, and textured to avoid the damage that some cleaning compounds can cause to a synthetic stock. The coating of the stock is called C2, is based on Teflon, which also helps fight the many minor scratches and scrapes that hunting can put on a stock. The stock may be Onyx Gray, Desert Tan, and Woodland Green. The external metalwork may be Midnight Black, Graphite Black, Magnesium, Slate Gray, or Coyote Tan. Most of the same features of the Professional and Legacy, but most parts are hand-fitted, and metalwork is stainless steel, even the barrel. The floating, hand-lapped, stainless steel, match quality barrel may be 20, 22, or 24 inches, and is tipped by pepperpot-type muzzle brake. (The 24-inch barrel is considered standard.) The trigger pack is also match-quality. Though the stock is not adjustable, Nosler will put a stock with a length of pull ranging from 12.5 inches to 14.5 inches. Other options include a 3-position rocker safety, an upgrade to a detachable magazine, and custom engravings on the barrel.

Weapon	Ammunition	Weight	Magazines	Price
Nosler M-48 Legacy	.243 Winchester	3.29 kg	4 Internal	\$1108
Nosler M-48 Legacy	.257 Roberts	3.29 kg	4 Internal	\$1271
Nosler M-48 Legacy	.25-06 Remington	3.4 kg	4 Internal	\$1378
Nosler M-48 Legacy	.270 Winchester	3.4 kg	4 Internal	\$1567
Nosler M-48 Legacy	6.5mm Swedish	3.29 kg	4 Internal	\$1292
Nosler M-48 Legacy	.264 Winchester Magnum	3.4 kg	3 Internal	\$1448
Nosler M-48 Legacy	7mm Mauser	3.29 kg	4 Internal	\$1476
Nosler M-48 Legacy	.280 Ackley	3.29 kg	4 Internal	\$1444
Nosler M-48 Legacy	7.62mm NATO	3.52 kg	4 Internal	\$1538
Nosler M-48 Legacy	.30-06 Springfield	3.4 kg	4 Internal	\$1819
Nosler M-48 Legacy	.300 Winchester Magnum	3.63 kg	3 Internal	\$2425
Nosler M-48 Legacy	.338 Winchester Magnum	3.74 kg	3 Internal	\$2646
Nosler M-48 Legacy	.35 Whelan	3.63 kg	4 Internal	\$2869
Nosler M-48 Legacy	9.3x62mm Mauser	3.63 kg	4 Internal	\$2883
Nosler M-48 Professional	.22-250 Remington	2.95 kg	4	\$964
Nosler M-48 Professional	.243 Winchester	2.95 kg	4	\$1120
Nosler M-48 Professional	.257 Roberts	2.95 kg	4	\$1311
Nosler M-48 Professional	.25-06 Remington	3.06 kg	4	\$1389
Nosler M-48 Professional	.260 Remington	2.95 kg	4	\$1446
Nosler M-48 Professional	6.5mm Swedish	3.06 kg	4	\$1303
Nosler M-48 Professional	6.5-284 Norma	3.06 kg	4	\$1308
Nosler M-48 Professional	.264 Winchester Magnum	3.4 kg	3	\$1459
Nosler M-48 Professional	.270 Winchester Short Magnum	3.06 kg	3	\$1369

Nosler M-48 Professional	.270 Winchester	3.06 kg	4	\$1578
Nosler M-48 Professional	7mm-08 Remington	2.95 kg	4	\$1388
Nosler M-48 Professional	7mm Mauser	3.06 kg	4	\$1488
Nosler M-48 Professional	.280 Ackley	3.4 kg	4	\$1488
Nosler M-48 Professional	7mm Remington Magnum	3.4 kg	3	\$1617
Nosler M-48 Professional	7.62mm NATO	2.95 kg	4	\$1550
Nosler M-48 Professional	.30-06 Springfield	3.06 kg	4	\$1830
Nosler M-48 Professional	.300 Winchester Short Magnum	3.18 kg	3	\$1602
Nosler M-48 Professional	.300 Winchester Magnum	3.4 kg	3	\$2437
Nosler M-48 Professional	.325 Winchester Short Magnum	3.18 kg	3	\$1725
Nosler M-48 Professional	.338 Winchester Magnum	3.4 kg	3	\$2658
Nosler M-48 Professional	.35 Whelan	3.4 kg	4	\$2881
Nosler M-48 Professional	9.3x62mm Mauser	3.4 kg	4	\$2895
Nosler M-48 Custom (20" Barrel)	.22-250 Remington	2.88 kg	4 Internal	\$969
Nosler M-48 Custom (22" Barrel)	.22-250 Remington	2.92 kg	4 Internal	\$991
Nosler M-48 Custom (24" Barrel)	.22-250 Remington	2.95 kg	4 Internal	\$1015
Nosler M-48 Custom (20" Barrel)	.243 Winchester	2.88 kg	4 Internal	\$1125
Nosler M-48 Custom (22" Barrel)	.243 Winchester	2.92 kg	4 Internal	\$1147
Nosler M-48 Custom (24" Barrel)	.243 Winchester	2.95 kg	4 Internal	\$1170
Nosler M-48 Custom (20" Barrel)	.257 Roberts	2.88 kg	4 Internal	\$1288
Nosler M-48 Custom (22" Barrel)	.257 Roberts	2.92 kg	4 Internal	\$1310
Nosler M-48 Custom (24" Barrel)	.257 Roberts	2.95 kg	4 Internal	\$1334
Nosler M-48 Custom (20" Barrel)	.25-06 Remington	2.99 kg	4 Internal	\$1395
Nosler M-48 Custom (22" Barrel)	.25-06 Remington	3.03 kg	4 Internal	\$1417
Nosler M-48 Custom (24" Barrel)	.25-06 Remington	3.06 kg	4 Internal	\$1440
Nosler M-48 Custom (20" Barrel)	.260 Remington	2.88 kg	4 Internal	\$1456
Nosler M-48 Custom (22" Barrel)	.260 Remington	2.92 kg	4 Internal	\$1478
Nosler M-48 Custom (24" Barrel)	.260 Remington	2.95 kg	4 Internal	\$1501
Nosler M-48 Custom (20" Barrel)	6.5mm Swedish	2.99 kg	4 Internal	\$1309
Nosler M-48 Custom (22" Barrel)	6.5mm Swedish	3.03 kg	4 Internal	\$1331
Nosler M-48 Custom (24" Barrel)	6.5mm Swedish	3.06 kg	4 Internal	\$1354
Nosler M-48 Custom (20" Barrel)	6.5-284 Norma	2.99 kg	4 Internal	\$1314
Nosler M-48 Custom (22" Barrel)	6.5-284 Norma	3.03 kg	4 Internal	\$1336
Nosler M-48 Custom (24" Barrel)	6.5-284 Norma	3.06 kg	4 Internal	\$1359
Nosler M-48 Custom (20" Barrel)	.264 Winchester Magnum	3.32 kg	3 Internal	\$1465
Nosler M-48 Custom (22" Barrel)	.264 Winchester Magnum	3.37 kg	3 Internal	\$1487
Nosler M-48 Custom (24" Barrel)	.264 Winchester Magnum	3.4 kg	3 Internal	\$1510

<b>Nosler M-48 Custom (20" Barrel)</b>	<a href="#">.270 Winchester Short Magnum</a>	2.88 kg	3 Internal	\$1375
<b>Nosler M-48 Custom (22" Barrel)</b>	<a href="#">.270 Winchester Short Magnum</a>	2.92 kg	3 Internal	\$1397
<b>Nosler M-48 Custom (24" Barrel)</b>	<a href="#">.270 Winchester Short Magnum</a>	2.95 kg	3 Internal	\$1420
<b>Nosler M-48 Custom (20" Barrel)</b>	<a href="#">.270 Winchester</a>	2.99 kg	4 Internal	\$1584
<b>Nosler M-48 Custom (22" Barrel)</b>	<a href="#">.270 Winchester</a>	3.03 kg	4 Internal	\$1606
<b>Nosler M-48 Custom (24" Barrel)</b>	<a href="#">.270 Winchester</a>	3.06 kg	4 Internal	\$1629
<b>Nosler M-48 Custom (20" Barrel)</b>	<a href="#">7mm-08 Remington</a>	2.88 kg	4 Internal	\$1394
<b>Nosler M-48 Custom (22" Barrel)</b>	<a href="#">7mm-08 Remington</a>	2.92 kg	4 Internal	\$1416
<b>Nosler M-48 Custom (24" Barrel)</b>	<a href="#">7mm-08 Remington</a>	2.95 kg	4 Internal	\$1439
<b>Nosler M-48 Custom (20" Barrel)</b>	<a href="#">7mm Mauser</a>	2.99 kg	4 Internal	\$1494
<b>Nosler M-48 Custom (22" Barrel)</b>	<a href="#">7mm Mauser</a>	3.03 kg	4 Internal	\$1516
<b>Nosler M-48 Custom (24" Barrel)</b>	<a href="#">7mm Mauser</a>	3.06 kg	4 Internal	\$1539
<b>Nosler M-48 Custom (20" Barrel)</b>	<a href="#">.280 Ackley</a>	3.32 kg	4 Internal	\$1460
<b>Nosler M-48 Custom (22" Barrel)</b>	<a href="#">.280 Ackley</a>	3.37 kg	4 Internal	\$1482
<b>Nosler M-48 Custom (24" Barrel)</b>	<a href="#">.280 Ackley</a>	3.4 kg	4 Internal	\$1506
<b>Nosler M-48 Custom (20" Barrel)</b>	<a href="#">7mm Remington Magnum</a>	3.32 kg	3 Internal	\$1623
<b>Nosler M-48 Custom (22" Barrel)</b>	<a href="#">7mm Remington Magnum</a>	3.37 kg	3 Internal	\$1645
<b>Nosler M-48 Custom (24" Barrel)</b>	<a href="#">7mm Remington Magnum</a>	3.4 kg	3 Internal	\$1668
<b>Nosler M-48 Custom (20" Barrel)</b>	<a href="#">7.62mm NATO</a>	2.88 kg	4 Internal	\$1556
<b>Nosler M-48 Custom (22" Barrel)</b>	<a href="#">7.62mm NATO</a>	2.92 kg	4 Internal	\$1577
<b>Nosler M-48 Custom (24" Barrel)</b>	<a href="#">7.62mm NATO</a>	2.95 kg	4 Internal	\$1601
<b>Nosler M-48 Custom (20" Barrel)</b>	<a href="#">.30-06 Springfield</a>	2.99 kg	4 Internal	\$1837
<b>Nosler M-48 Custom (22" Barrel)</b>	<a href="#">.30-06 Springfield</a>	3.03 kg	4 Internal	\$1859
<b>Nosler M-48 Custom (24" Barrel)</b>	<a href="#">.30-06 Springfield</a>	3.06 kg	4 Internal	\$1882
<b>Nosler M-48 Custom (20" Barrel)</b>	<a href="#">.300 Winchester Short Magnum</a>	3.11 kg	3 Internal	\$1608
<b>Nosler M-48 Custom (22" Barrel)</b>	<a href="#">.300 Winchester Short Magnum</a>	3.15 kg	3 Internal	\$1630
<b>Nosler M-48 Custom (24" Barrel)</b>	<a href="#">.300 Winchester Short Magnum</a>	3.18 kg	3 Internal	\$1654
<b>Nosler M-48 Custom (20" Barrel)</b>	<a href="#">.300 Winchester Magnum</a>	3.32 kg	3 Internal	\$2353
<b>Nosler M-48 Custom (22" Barrel)</b>	<a href="#">.300 Winchester Magnum</a>	3.37 kg	3 Internal	\$2419
<b>Nosler M-48 Custom (24" Barrel)</b>	<a href="#">.300 Winchester Magnum</a>	3.4 kg	3 Internal	\$2488

Barrel)					
Nosler M-48 Custom (20"	.325 Winchester Short Magnum	3.11 kg	3 Internal	\$1731	
Barrel)					
Nosler M-48 Custom (22"	.325 Winchester Short Magnum	3.15 kg	3 Internal	\$1753	
Barrel)					
Nosler M-48 Custom (24"	.325 Winchester Short Magnum	3.18 kg	3 Internal	\$1776	
Barrel)					
Nosler M-48 Custom (20"	.338 Winchester Magnum	3.32 kg	3 Internal	\$2574	
Barrel)					
Nosler M-48 Custom (22"	.338 Winchester Magnum	3.37 kg	3 Internal	\$2640	
Barrel)					
Nosler M-48 Custom (24"	.338 Winchester Magnum	3.4 kg	3 Internal	\$2910	
Barrel)					
Nosler M-48 Custom (20"	.35 Whelan	3.32 kg	4 Internal	\$2798	
Barrel)					
Nosler M-48 Custom (22"	.35 Whelan	3.37 kg	4 Internal	\$2864	
Barrel)					
Nosler M-48 Custom (24"	.35 Whelan	3.4 kg	4 Internal	\$2933	
Barrel)					
Nosler M-48 Custom (20"	9.3x62mm Mauser	3.32 kg	4 Internal	\$2812	
Barrel)					
Nosler M-48 Custom (22"	9.3x62mm Mauser	3.37 kg	4 Internal	\$2878	
Barrel)					
Nosler M-48 Custom (24"	9.3x62mm Mauser	3.4 kg	4 Internal	\$2947	
Barrel)					
Nosler M-48 Custom (20"	.375 Ruger	3.32 kg	3 Internal	\$3065	
Barrel)					
Nosler M-48 Custom (22"	.375 Ruger	3.37 kg	3 Internal	\$3130	
Barrel)					
Nosler M-48 Custom (24"	.375 Ruger	3.4 kg	3 Internal	\$3200	
Barrel)					
Nosler M-48 Custom (20"	.458 Winchester Magnum	3.32 kg	3 Internal	\$4062	
Barrel)					
Nosler M-48 Custom (22"	.458 Winchester Magnum	3.37 kg	3 Internal	\$4128	
Barrel)					
Nosler M-48 Custom (24"	.458 Winchester Magnum	3.4 kg	3 Internal	\$4197	
Barrel)					

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Nosler M-48 Legacy/Professional (.243)	BA	3	2-Nil	7	4	Nil	83
Nosler M-48 Legacy (.257)	BA	4	2-Nil	7	4	Nil	83
Nosler M-48 Legacy/Professional (.25-06)	BA	4	1-2-3	7	4	Nil	88
Nosler M-48 Legacy/Professional (.270)	BA	4	2-3-Nil	7	4	Nil	78
Nosler M-48 Legacy/Professional (6.5mm)	BA	4	2-3-Nil	7	4	Nil	87
Nosler M-48 Legacy/Professional (.264)	BA	4	1-2-3	7	4	Nil	90
Nosler M-48 Legacy/Professional (7mm)	BA	4	2-3-Nil	7	4	Nil	90
Nosler M-48	BA	4	1-2-3	7	4	Nil	108

Legacy/Professional (.280)							
Nosler M-48 Legacy (7.62mm)	BA	4	2-3-Nil	7	4	Nil	99
Nosler M-48 Legacy/Professional (.30-06)	BA	4	2-3-Nil	8	4	Nil	88
Nosler M-48 Legacy/Professional (.300 Magnum)	BA	5	1-2-3	8	4	Nil	100
Nosler M-48 Legacy/Professional (.338 Magnum)	BA	6	1-3-Nil	8	5	Nil	116
Nosler M-48 Legacy/Professional (.35)	BA	6	1-3-Nil	8	5	Nil	122
Nosler M-48 Legacy/Professional (9.3mm)	BA	5	2-4-Nil	8	5	Nil	102
Nosler M-48 Professional (.22-250)	BA	3	2-Nil	7	3	Nil	80
Nosler M-48 Professional (.257)	BA	4	2-3-Nil	7	4	Nil	83
Nosler M-48 Professional (.260)	BA	4	1-2-3	7	4	Nil	91
Nosler M-48 Professional (6.5-284)	BA	4	1-2-3	7	4	Nil	103
Nosler M-48 Professional (.270 WSM)	BA	4	1-2-3	7	4	Nil	112
Nosler M-48 Professional (7mm-08)	BA	4	2-3-Nil	7	4	Nil	98
Nosler M-48 Professional (7mm Magnum)	BA	4	1-2-3	8	4	Nil	97
Nosler M-48 Professional (7.62mm)	BA	4	2-3-Nil	7	4	Nil	100
Nosler M-48 Professional (.300 WSM)	BA	5	1-2-3	7	4	Nil	121
Nosler M-48 Professional (.325 WSM)	BA	5	1-2-3	8	4	Nil	121
Nosler M-48 Custom (.22-250, 20")	BA	3	1-Nil	6	2	Nil	63
Nosler M-48 Custom (.22-250, 22")	BA	3	1-Nil	7	2	Nil	72
Nosler M-48 Custom (.22-250, 24")	BA	3	2-Nil	7	2	Nil	80
Nosler M-48 Custom (.243, 20")	BA	3	2-Nil	7	2	Nil	64
Nosler M-48 Custom (.243, 22")	BA	3	2-Nil	7	2	Nil	73
Nosler M-48 Custom (.243, 24")	BA	3	2-Nil	7	3	Nil	83
Nosler M-48 Custom (.257, 20")	BA	3	2-Nil	7	3	Nil	62
Nosler M-48 Custom (.257, 22")	BA	4	2-Nil	7	3	Nil	71
Nosler M-48 Custom	BA	4	2-Nil	7	3	Nil	83



(.257, 24")							
Nosler M-48 Custom	BA	4	1-2-Nil	7	3	Nil	67
(.25-06, 20")							
Nosler M-48 Custom	BA	4	1-2-Nil	7	3	Nil	77
(.25-06, 22")							
Nosler M-48 Custom	BA	4	1-2-3	8	3	Nil	88
(.25-06, 24")							
Nosler M-48 Custom	BA	4	1-2-3	7	3	Nil	68
(.260, 20")							
Nosler M-48 Custom	BA	4	1-2-3	7	3	Nil	79
(.260, 22")							
Nosler M-48 Custom	BA	4	1-2-3	8	3	Nil	91
(.260, 24")							
Nosler M-48 Custom	BA	4	2-Nil	7	3	Nil	66
(6.5mm, 20")							
Nosler M-48 Custom	BA	4	2-Nil	7	3	Nil	76
(6.5mm, 22")							
Nosler M-48 Custom	BA	4	2-3-Nil	8	3	Nil	87
(6.5mm, 24")							
Nosler M-48 Custom	BA	4	1-2-Nil	7	3	Nil	79
(6.5-284, 20")							
Nosler M-48 Custom	BA	4	1-2-Nil	7	3	Nil	90
(6.5-284, 22")							
Nosler M-48 Custom	BA	4	1-2-3	8	3	Nil	103
(6.5-284, 24")							
Nosler M-48 Custom	BA	4	1-2-3	7	3	Nil	68
(.264, 20")							
Nosler M-48 Custom	BA	4	1-2-3	7	3	Nil	78
(.264, 22")							
Nosler M-48 Custom	BA	4	1-2-3	8	3	Nil	90
(.264, 24")							
Nosler M-48 Custom	BA	4	1-2-3	7	3	Nil	85
(.270 WSM, 20")							
Nosler M-48 Custom	BA	4	1-2-3	7	3	Nil	98
(.270 WSM, 22")							
Nosler M-48 Custom	BA	4	1-2-3	8	3	Nil	112
(.270 WSM, 24")							
Nosler M-48 Custom	BA	4	2-3-Nil	7	3	Nil	59
(.270, 20")							
Nosler M-48 Custom	BA	4	2-3-Nil	7	3	Nil	68
(.270, 22")							
Nosler M-48 Custom	BA	4	2-3-Nil	8	3	Nil	78
(.270, 24")							
Nosler M-48 Custom	BA	4	2-3-Nil	7	3	Nil	75
(7mm-08, 20")							
Nosler M-48 Custom	BA	4	2-3-Nil	7	3	Nil	86
(7mm-08, 22")							
Nosler M-48 Custom	BA	4	2-3-Nil	8	3	Nil	98
(7mm-08, 24")							
Nosler M-48 Custom	BA	4	2-3-Nil	7	3	Nil	68
(7mm, 20")							
Nosler M-48 Custom	BA	4	2-3-Nil	7	3	Nil	79
(7mm, 22")							
Nosler M-48 Custom	BA	4	2-3-Nil	8	3	Nil	90
(7mm, 24")							
Nosler M-48 Custom	BA	4	1-2-3	7	3	Nil	84
(.280, 20")							
Nosler M-48 Custom	BA	4	1-2-3	7	3	Nil	97
(.280, 22")							
Nosler M-48 Custom	BA	4	1-2-3	8	3	Nil	111

(.280, 24")							
Nosler M-48 Custom (7mm Magnum, 20")	BA	4	1-2-3	7	3	Nil	73
Nosler M-48 Custom (7mm Magnum, 22")	BA	4	1-2-3	7	3	Nil	85
Nosler M-48 Custom (7mm Magnum, 24")	BA	4	1-2-3	8	3	Nil	97
Nosler M-48 Custom (7.62mm, 20")	BA	4	2-3-Nil	7	3	Nil	77
Nosler M-48 Custom (7.62mm, 22")	BA	4	2-3-Nil	7	3	Nil	88
Nosler M-48 Custom (7.62mm, 24")	BA	4	2-3-Nil	8	3	Nil	99
Nosler M-48 Custom (.30-06, 20")	BA	4	2-3-Nil	7	3	Nil	67
Nosler M-48 Custom (.30-06, 22")	BA	4	2-3-Nil	8	3	Nil	77
Nosler M-48 Custom (.30-06, 24")	BA	4	2-3-Nil	8	3	Nil	88
Nosler M-48 Custom (.300 WSM, 20")	BA	5	1-2-3	7	3	Nil	92
Nosler M-48 Custom (.300 WSM, 22")	BA	5	1-2-3	7	3	Nil	106
Nosler M-48 Custom (.300 WSM, 24")	BA	5	1-2-3	8	3	Nil	121
Nosler M-48 Custom (.300 Magnum, 20")	BA	5	2-3-Nil	7	3	Nil	76
Nosler M-48 Custom (.300 Magnum, 22")	BA	5	2-3-Nil	8	3	Nil	88
Nosler M-48 Custom (.300 Magnum, 24")	BA	5	1-2-3	8	3	Nil	100
Nosler M-48 Custom (.325 WSM, 20")	BA	5	1-2-3	7	3	Nil	92
Nosler M-48 Custom (.325 WSM, 22")	BA	5	1-2-3	7	3	Nil	106
Nosler M-48 Custom (.325 WSM, 24")	BA	5	1-2-3	8	3	Nil	121
Nosler M-48 Custom (.338, 20")	BA	6	1-2-3	7	3	Nil	88
Nosler M-48 Custom (.338, 22")	BA	6	1-3-Nil	8	4	Nil	101
Nosler M-48 Custom (.338, 24")	BA	6	1-3-Nil	8	4	Nil	116
Nosler M-48 Custom (.35, 20")	BA	6	1-3-Nil	8	4	Nil	92
Nosler M-48 Custom (.35, 22")	BA	6	1-3-Nil	8	4	Nil	106
Nosler M-48 Custom (.35, 24")	BA	6	1-3-Nil	8	4	Nil	122
Nosler M-48 Custom (9.3x62mm, 20")	BA	5	2-4-Nil	8	4	Nil	77
Nosler M-48 Custom (9.3x62mm, 22")	BA	5	2-4-Nil	8	4	Nil	89
Nosler M-48 Custom (9.3x62mm, 24")	BA	5	2-4-Nil	8	4	Nil	102
Nosler M-48 Custom (.375, 20")	BA	6	1-3-Nil	8	4	Nil	92
Nosler M-48 Custom (.375, 22")	BA	6	1-3-Nil	8	4	Nil	106
Nosler M-48 Custom	BA	6	1-3-Nil	8	4	Nil	122

<b>(.375, 24") Nosler M-48 Custom</b>	BA	7	1-3-5	8	5	Nil	92
<b>(.458, 20") Nosler M-48 Custom</b>	BA	7	1-3-5	9	5	Nil	106
<b>(.458, 22") Nosler M-48 Custom</b>	BA	8	1-3-5	9	5	Nil	122

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### Remington 30

Notes: This rifle is basically an M-1917 Enfield rebuilt slightly to make it acceptable to civilians. This was mainly a finish change, but also included changes in caliber and a half-pistol-grip stock. The initial chamberings were the native .30-06 Springfield and several proprietary cartridges. In 1932, the Model 30A appeared; this completely replaced the Remington proprietary chamberings with more normal ones, and introduced drilling and tapping for a telescopic sight. The initial Model 30 also had a carbine version, with a 20-inch barrel.

Weapon	Ammunition	Weight	Magazines	Price
Remington 30	.25 Remington	2.64 kg	5 Internal	\$1083
Remington 30	.30 Remington	2.92 kg	5 Internal	\$1433
Remington 30	.32 Remington	3.01 kg	5 Internal	\$1542
Remington 30	.35 Remington	3.29 kg	5 Internal	\$2217
Remington 30	.30-06 Springfield	3.21 kg	5 Internal	\$1708
Remington 30 Carbine	.25 Remington	2.62 kg	5 Internal	\$1063
Remington 30 Carbine	.30 Remington	2.76 kg	5 Internal	\$1413
Remington 30 Carbine	.32 Remington	2.99 kg	5 Internal	\$1521
Remington 30 Carbine	.35 Remington	3.27 kg	5 Internal	\$2156
Remington 30 Carbine	.30-06 Springfield	3.19 kg	5 Internal	\$1687
Remington 30A	7mm Mauser	2.94 kg	5 Internal	\$1365
Remington 30A	.30-06 Springfield	3.21 kg	5 Internal	\$1708
Remington 30A	7.65mm Mauser	3.05 kg	5 Internal	\$1500
Remington 30A	8mm Mauser	3.21 kg	5 Internal	\$1695

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 30 (.25)	BA	3	2-Nil	7	5	Nil	70
Remington 30 (.30)	BA	4	2-3-Nil	7	5	Nil	79
Remington 30 (.32)	BA	4	2-3-Nil	7	5	Nil	79
Remington 30 (.35)	BA	5	2-3-Nil	7	5	Nil	79
Remington 30 (.30-06)	BA	4	2-3-Nil	7	5	Nil	68
Remington 30 Carbine (.25)	BA	3	2-Nil	6	4	Nil	60
Remington 30 Carbine (.30)	BA	4	2-3-Nil	7	5	Nil	68
Remington 30 Carbine (.32)	BA	4	2-3-Nil	7	5	Nil	69
Remington 30 Carbine (.35)	BA	5	2-3-Nil	7	5	Nil	68
Remington 30 Carbine (.30-06)	BA	4	2-3-Nil	7	5	Nil	59
Remington 30A (7mm)	BA	4	2-3-Nil	7	5	Nil	70
Remington 30A (.30-06)	BA	4	2-3-Nil	7	5	Nil	68
Remington 30A (7.65mm)	BA	4	2-3-Nil	7	5	Nil	79
Remington 30A (8mm)	BA	4	2-3-Nil	7	5	Nil	79

### Remington 30S

Notes: Though based on the standard Remington 30, the Model 30S is a different rifle, firing different cartridges, having a stock with an improved shape with a recoil pad on the butt, using better barrel bedding, and having different sights. The 7mm Mauser chambering was introduced for European sales, though it was abandoned once World War 2 started; the 7.65mm Mauser was made for sales to South America, where the cartridge was popular at the time. The remaining chamberings continued until 1940, when the design was ended.

Weapon	Ammunition	Weight	Magazines	Price
Remington 30S	.25 Remington	3.52 kg	5	\$1152
Remington 30S	.257 Roberts	3.61 kg	5	\$1230
Remington 30S	7mm Mauser	3.84 kg	5	\$1434
Remington 30S	7.65mm Mauser	3.98 kg	5	\$1569

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 30S (.25)	BA	3	2-Nil	7	4	Nil	79
Remington 30S (.257)	BA	4	2-Nil	7	4	Nil	73
Remington 30S (7mm)	BA	4	2-3-Nil	7	4	Nil	80
Remington 30S (7.65mm)	BA	4	2-3-Nil	8	4	Nil	90

### Remington 504

Notes: This rifle was designed to compete with the Ruger 77/22, to be an "adult's rimfire rifle." It is basically a rimfire rifle built to the same standards as Remington's larger-caliber rifles, with a receiver machined from a solid steel block, a match-quality chrome-

molt steel barrel with a crowned muzzle, a fully adjustable trigger, and a fine-grain oil-finished walnut stock. The Model 504 is built to very tight tolerances, and the stock has a rubber recoil pad. There are no iron sights, but the Model 504 is drilled and tapped for a scope. It is considered an accurate rifle that is very pleasant to shoot.

Twilight 2000 Notes: This rifle does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Remington 504	.22 Long Rifle	2.72 kg	6	\$344

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 504	BA	1	Nil	5	1	Nil	46

### Remington 541-T

Notes: This rifle has been around since 1972, when it was known as the Model 541-S Custom. The 541-S Custom was built until 1984, when it was replaced by the improved and modified Model 541-T. The Model 541-T is a bolt-action rimfire rifle with a stock of walnut and a fore-end of mahogany. It has no iron sights, but the receiver is drilled and tapped for a telescopic sight. A variant is the Model 541-T HB (Heavy Barrel); this version has a target-quality heavy barrel which improves its range somewhat at the cost of a little more weight.

Weapon	Ammunition	Weight	Magazines	Price
Remington 541-T	.22 Long Rifle	2.6 kg	5	\$304
Remington 541-T HB	.22 Long Rifle	3 kg	5	\$316

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 541-T	BA	1	Nil	6	1	Nil	53
Remington 541-T HB	BA	1	Nil	6	1	Nil	55

### Remington 580

Notes: Derived from the earlier Model 540, the Model 580 was a rimfire rifle produced from 1967-78. The stock was made from plain hardwood and used a low Monte Carlo comb. The fore-end was rounded and large, as was the pistol grip wrist, leading to excellent handling. The trigger guard was large enough to put a gloved finger into it. They had spring-leaf and elevator rear sights, and were also equipped with a rail atop the receiver for telescopic sight mounts. The standard Model 580 had a 24-inch barrel and fired .22 Short, .22 Long, and .22 Long Rifle ammunition interchangeably.

Variants included the Model 580BR Boy's Rifle, which had a slightly shorter stock and was produced from 1971-78. The Model 581 was a magazine-fed version of the Model 580; a left-handed version was also built, in rather small numbers. It too could interchangeably fire .22 Short, .22 Long, and .22 Long Rifle, but all the cartridges in the magazine had to be of the same type of ammunition to prevent feed problems. It was produced alongside the Model 580 and outlasted it, built until 1983. The Model 581S is externally almost identical to the Model 581, but uses a smaller 5-round magazine, a hardwood stock finished to look like walnut, and a tapering fore-end. The Model 582 is a Model 580 fed by a full-length tubular magazine, produced from 1967-83. The Model 591 was a short-lived variation; it was chambered for the unusual 5mm Remington Magnum Rimfire cartridge and had plastic cap on the deep pistol grip wrist. The Model 592 was a tubular magazine-fed version of the Model 591.

Weapon	Ammunition	Weight	Magazines	Price
Remington 580	.22 Short, .22 Long, and .22 Long Rifle	2.15 kg	1 Internal	\$284
Remington 581	.22 Short, .22 Long, and .22 Long Rifle	2.18 kg	6	\$304
Remington 581S	.22 Short, .22 Long, and .22 Long Rifle	2.18 kg	5	\$304
Remington 582	.22 Short, .22 Long, and .22 Long Rifle	2.31 kg	20 (.22 Short), 18 (.22 Long, 14 (.22 Long Rifle); Tubular	\$305
Remington 591	5mm Remington Magnum Rimfire	2.52 kg	6	\$530
Remington 592	5mm Remington Magnum Rimfire	2.54 kg	10 Tubular	\$530

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 580 (.22 Short)	SS	-2	Nil	5	1	Nil	43
Remington 580 (.22 Long)	SS	-1	Nil	5	1	Nil	49
Remington 580 (.22 Long Rifle)	SS	1	Nil	5	1	Nil	53
Remington 581/582 (.22 Short)	BA	-2	Nil	5	1	Nil	43
Remington 581/582 (.22 Long)	BA	-1	Nil	5	1	Nil	49
Remington 581/582 (.22 Long Rifle)	BA	1	Nil	5	1	Nil	53
Remington 591/592	BA	2	1-Nil	6	3	Nil	69

Remington 600

Notes: This is a short, carbine-length rifle designed as a brush gun. They use an action derived from the Model 700, with the bolt handle angled so that it will clear the trigger guard. They have a sighting rib above the barrel. Variants include the Model 600 Magnum, with a 20-inch barrel, four-round magazine, and chambered for one of two magnum rounds; the Model 660, which eliminated the sighting rib (which was deemed by most buyers to be ugly), and the Model 660 Magnum. The last two are identical to the first two for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
Remington 600	.222 Remington	2.6 kg	6 Internal	\$736
Remington 600	6mm Remington	2.7 kg	5 Internal	\$1022
Remington 600	.243 Winchester	2.63 kg	5 Internal	\$956
Remington 600	7.62mm NATO	3.09 kg	5 Internal	\$1386
Remington 600	.35 Remington	3.54 kg	5 Internal	\$2104
Remington 600 Magnum	6.5mm Remington Magnum	3.16 kg	4 Internal	\$1160
Remington 600 Magnum	.350 Remington Magnum	4.18 kg	4 Internal	\$2349

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 600 (.222)	BA	3	1-Nil	6	3	Nil	56
Remington 600 (6mm)	BA	3	2-Nil	6	4	Nil	46
Remington 600 (.243)	BA	3	2-Nil	6	4	Nil	50
Remington 600 (7.62mm)	BA	4	2-3-Nil	6	5	Nil	61
Remington 600 (.35)	BA	4	2-3-Nil	7	5	Nil	61
Remington 600 Magnum (6.5mm)	BA	3	1-2-Nil	6	4	Nil	70
Remington 600 Magnum (.350)	BA	6	1-2-3	7	4	Nil	82

Remington 673 Guide Rifle

Notes: This weapon was produced in response to consumer demand for “a carbine with real power.” It is designed around the Remington Seven action, with a stock reminiscent of the Remington 600, and a ventilated sighting rib above the barrel similar to that of the Remington 600, in addition to a fully adjustable rear sight and a triangular front sight called by Remington a “shark fin” pattern. It is a medium-barreled rifle in unusual, but powerful calibers, with the barrel being heavy for extra accuracy and to provide strength for its powerful calibers. It is made as lightly as possible without sacrificing strength or esthetics. The Model 673 has a thick rubber recoil pad, and adjustable iron sights as well as scope rings and a sighting rib.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Remington 673	6.5mm Remington Magnum	3.4 kg	3 Internal	\$1261
Remington 673	7.62mm NATO	3.4 kg	3 Internal	\$1503
Remington 673	.300 Short Action Ultra Mag	3.4 kg	3 Internal	\$1506
Remington 673	.350 Remington Magnum	3.4 kg	3 Internal	\$2501

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 673 (6.5mm)	BA	4	1-2-Nil	7	4	Nil	84
Remington 673 (7.62mm)	BA	4	2-3-Nil	7	4	Nil	82
Remington 673 (.300)	BA	5	1-2-3	7	4	Nil	98
Remington 673 (.350)	BA	6	1-3-Nil	7	5	Nil	98

Remington 700

Notes: This weapon is a civilian bolt-action hunting rifle. A modified version is used as the M-40 sniper rifle by the US Marines, and a highly modified version is the M-24 SWS used by the US Army. It is considered a "workhorse" hunting rifle and has seen use from Alaska to South Africa.

The Remington 700 chambered for .358 Taylor is a special case. The .358 Taylor is essentially a wildcat magnum round, and the Remington 700BDL variants which fire them are made personally by Chuck Taylor; there are probably less than 5 of them as of 2005, as they were built primarily to test the .358 Taylor round. The barrel used is a 26-inch Douglas Supreme barrel, which is step-crowned and heavy for extra accuracy. The stock is a matte gray H-S Precision synthetic stock. The trigger is a Rifle Basix adjustable trigger (which Chuck Taylor normally sets at 1.75 pounds). The butt pad is rubber and is solid and textured to prevent slippage. It is drilled and tapped for a scope (Chuck Taylor uses a Leupold Vari-X III Tactical 3.5-10x50mm, but this is not included in the price below). Note that the weight listed below is an estimate; if you know what the actual weight of the Taylor Remington 700 is, let me know.

Twilight 2000 Notes: The Taylor Remington 700 does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 700 (22" Barrel)	.17 Remington	1.99 kg	5 Internal	\$573
Remington 700 (24" Barrel)	.17 Remington	2.12 kg	5 Internal	\$594



Remington 700 (22" Barrel)	.222 Remington	2.3 kg	5 Internal	\$774
Remington 700 (24" Barrel)	.222 Remington	2.44 kg	5 Internal	\$795
Remington 700 (22" Barrel)	.22-250 Remington	2.4 kg	5 Internal	\$840
Remington 700 (24" Barrel)	.22-250 Remington	2.55 kg	5 Internal	\$860
Remington 700 (22" Barrel)	5.56mm NATO	2.33 kg	5 Internal	\$793
Remington 700 (24" Barrel)	5.56mm NATO	2.48 kg	5 Internal	\$814
Remington 700 (22" Barrel)	6mm Remington	2.74 kg	5 Internal	\$1065
Remington 700 (24" Barrel)	6mm Remington	2.91 kg	5 Internal	\$1085
Remington 700 (22" Barrel)	.243 Winchester	2.63 kg	5 Internal	\$996
Remington 700 (24" Barrel)	.243 Winchester	2.8 kg	5 Internal	\$1016
Remington 700 (22" Barrel)	.25-06 Remington	3.04 kg	5 Internal	\$1267
Remington 700 (24" Barrel)	.25-06 Remington	3.23 kg	5 Internal	\$1288
Remington 700 (22" Barrel)	.270 Winchester	3.33 kg	5 Internal	\$1457
Remington 700 (24" Barrel)	.270 Winchester	3.54 kg	5 Internal	\$1477
Remington 700 (22" Barrel)	.280 Remington	3.42 kg	5 Internal	\$1517
Remington 700 (24" Barrel)	.280 Remington	3.64 kg	4 Internal	\$1537
Remington 700 (22" Barrel)	7mm-08 Remington	3.04 kg	5 Internal	\$1266
Remington 700 (24" Barrel)	7mm-08 Remington	3.23 kg	5 Internal	\$1286
Remington 700 (22" Barrel)	7mm Remington Magnum	3.39 kg	5 Internal	\$1496
Remington 700 (24" Barrel)	7mm Remington Magnum	3.62 kg	5 Internal	\$1517
Remington 700 (22" Barrel)	7.62mm NATO	3.28 kg	5 Internal	\$1428
Remington 700 (24" Barrel)	7.62mm NATO	3.5 kg	5 Internal	\$1449
Remington 700 (22" Barrel)	.30-06 Springfield	3.71 kg	5 Internal	\$1710
Remington 700 (24" Barrel)	.30-06 Springfield	3.96 kg	5 Internal	\$1731
Remington 700 (22" Barrel)	.300 Winchester Magnum	4.1 kg	5 Internal	\$2235
Remington 700 (24" Barrel)	.300 Winchester Magnum	4.38 kg	5 Internal	\$2296
Remington 700 (22" Barrel)	.338 Winchester Magnum	4.44 kg	5 Internal	\$2458
Remington 700 (24" Barrel)	.338 Winchester Magnum	4.74 kg	5 Internal	\$2519
Remington 700 (22" Barrel)	.35 Whelan	4.78 kg	5 Internal	\$2682
Remington 700 (24" Barrel)	.35 Whelan	5.1 kg	5 Internal	\$2743
Remington 700 (22" Barrel)	.375 H&H Magnum	5.54 kg	5 Internal	\$3186
Remington 700 (24" Barrel)	.375 H&H Magnum	5.91 kg	5 Internal	\$3246
Remington 700 (22" Barrel)	.458 Winchester Magnum	6.7 kg	5 Internal	\$3950
Remington 700 (24" Barrel)	.458 Winchester Magnum	7.13 kg	5 Internal	\$4011
Taylor Remington 700	.358 Taylor	4.9 kg	5 Internal	\$2828

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 700 (.17Rem, 22")	BA	2	1-Nil	6	3	Nil	55
Remington 700 (.17Rem, 24")	BA	2	1-Nil	6	3	Nil	58
Remington 700 (.222, 22")	BA	3	1-Nil	6	4	Nil	71
Remington 700 (.222, 24")	BA	3	1-Nil	7	4	Nil	78
Remington 700 (.22-250, 22")	BA	3	2-Nil	6	4	Nil	65
Remington 700 (.22-250, 24")	BA	3	2-Nil	7	4	Nil	73
Remington 700 (5.56mm, 22")	BA	3	1-Nil	6	4	Nil	70
Remington 700 (5.56mm, 24")	BA	3	1-Nil	7	4	Nil	76
Remington 700 (6mm, 22")	BA	3	2-Nil	7	4	Nil	60
Remington 700 (6mm, 24")	BA	3	2-Nil	7	5	Nil	68
Remington 700 (.243, 22")	BA	3	2-Nil	7	4	Nil	65
Remington 700 (.243, 24")	BA	3	2-Nil	7	4	Nil	74
Remington 700 (.25-06, 22")	BA	4	2-Nil	7	5	Nil	57
Remington 700 (.25-06, 24")	BA	4	2-Nil	7	4	Nil	65
Remington 700 (.270, 22")	BA	4	2-3-Nil	7	5	Nil	60
Remington 700 (.270, 24")	BA	4	2-3-Nil	7	4	Nil	69
Remington 700 (.280, 22")	BA	4	2-3-Nil	7	5	Nil	62
Remington 700 (.280, 24")	BA	4	2-3-Nil	7	4	Nil	70
Remington 700 (7mm-08, 22")	BA	4	2-3-Nil	7	5	Nil	77
Remington 700 (7mm-08, 24")	BA	4	2-3-Nil	7	5	Nil	87
Remington 700 (7mm Magnum, 22")	BA	4	1-2-3	7	4	Nil	75
Remington 700 (7mm Magnum, 24")	BA	4	1-2-3	7	4	Nil	86
Remington 700 (7.62mm, 22")	BA	4	2-3-Nil	7	5	Nil	78

Remington 700 (7.62mm, 24")	BA	4	2-3-Nil	7	5	Nil	89
Remington 700 (.30-06, 22")	BA	4	2-3-Nil	7	4	Nil	68
Remington 700 (.30-06, 24")	BA	4	2-3-Nil	8	4	Nil	78
Remington 700 (.300, 22")	BA	5	2-3-Nil	7	4	Nil	78
Remington 700 (.300, 24")	BA	5	2-3-Nil	8	4	Nil	89
Remington 700 (.338, 22")	BA	6	2-3-Nil	7	4	Nil	90
Remington 700 (.338, 24")	BA	6	2-3-Nil	8	5	Nil	103
Remington 700 (.35, 22")	BA	5	2-4-Nil	8	5	Nil	79
Remington 700 (.35, 24")	BA	5	2-4-Nil	8	5	Nil	90
Remington 700 (.375, 22")	BA	6	1-3-Nil	8	5	Nil	87
Remington 700 (.375, 24")	BA	7	1-3-5	8	5	Nil	99
Remington 700 (.458, 22")	BA	7	1-3-5	8	5	Nil	95
Remington 700 (.458, 24")	BA	8	1-3-5	8	5	Nil	108
Taylor Remington 700	BA	6	1-3-Nil	8	5	Nil	128

Remington 700 ABG

Notes: The Model 700 ABG (African Big Game) is basically a version of the Model 700 designed for powerful cartridges and somewhat more heavily built than the standard Model 700. The barrel is longer than normal at 26 inches, and the magazine is detachable (though small). The receiver is drilled and tapped for a telescopic sight, but the Model 700 ABG also has an adjustable folding rear leaf sight and a protected bead front sight. The stock is of laminated hardwood, with a thick rubber recoil pad.

Twilight 2000 Notes: Not introduced until 2001, this rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 700 ABG	.375 Remington UltraMag	4.3 kg	3	\$3377
Remington 700 ABG	.375 H&H Magnum	4.29 kg	3	\$3367
Remington 700 ABG	.416 Remington Magnum	4.66 kg	3	\$3937
Remington 700 ABG	.458 Winchester Magnum	4.77 kg	3	\$4126

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 700 ABG (.375 UltraMag)	BA	7	1-3-5	8	5	Nil	112
Remington 700 ABG (.375 H&H)	BA	7	1-3-5	8	5	Nil	112
Remington 700 ABG (.416)	BA	7	1-3-5	9	5	Nil	122
Remington 700 ABG (.458)	BA	8	1-3-5	9	5	Nil	122

Remington 700 APR

Notes: Predecessor of the ABG, the APR (African Plains Rifle) is also designed for big game hunting. It was introduced in 1994, and is (like the ABG) sold only through the Remington Custom Shop. Like most of the Remington 700 magnum line, the barrel length is 26 inches, and the receiver and barrel are heavily made to withstand the pressures of magnum cartridges. The stock is of laminated hardwood (in light or dark colors), and has a thick rubber recoil pad. The Model 700 APR has no iron sights, but is drilled and tapped for a scope mount.

Twilight 2000 Notes: The following chamberings are not available in the Twilight 2000 timeline: 7mm Remington UltraMag, .300 Remington UltraMag, .338 Remington UltraMag, .375 Remington UltraMag. The other chamberings are rare.

Weapon	Ammunition	Weight	Magazines	Price
Remington 700 APR	7mm Remington Magnum	3.5 kg	3 Internal	\$1605
Remington 700 APR	7mm Remington UltraMag	3.66 kg	3 Internal	\$1780
Remington 700 APR	.300 Winchester Magnum	3.93 kg	3 Internal	\$2424
Remington 700 APR	.300 Weatherby Magnum	4.03 kg	3 Internal	\$2544
Remington 700 APR	.300 Remington UltraMag	4.04 kg	3 Internal	\$2555
Remington 700 APR	.338 Winchester Magnum	4.11 kg	3 Internal	\$2645
Remington 700 APR	.338 Remington UltraMag	4.26 kg	3 Internal	\$2835
Remington 700 APR	.375 H&H Magnum	4.67 kg	3 Internal	\$3369
Remington 700 APR	.375 Remington UltraMag	4.68 kg	3 Internal	\$3379

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 700 APR (7mm Magnum)	BA	4	1-2-3	8	4	Nil	97
Remington 700 APR (7mm UltraMag)	BA	4	1-2-3	8	4	Nil	85
Remington 700 APR (.300 Winchester)	BA	5	1-2-3	8	4	Nil	100
Remington 700 APR (.300 Weatherby)	BA	5	1-2-3	8	4	Nil	93
Remington 700 APR (.300 UltraMag)	BA	5	1-2-3	8	4	Nil	92
Remington 700 APR (.338 Winchester)	BA	6	1-3-Nil	8	5	Nil	115

Remington 700 APR (.338 UltraMag)	BA	6	1-3-Nil	8	5	Nil	104
Remington 700 APR (.375 H&H)	BA	7	1-3-5	8	5	Nil	112
Remington 700 APR (.375 UltraMag)	BA	7	1-3-5	8	5	Nil	112

Remington 700 AWR

Notes: This rifle, launched in 1994, was also sold only through the Remington Custom Shop. The AWR (Alaskan Wilderness Rifle) is similar in concept to the Remington 700 ABG and APR, but optimized for hunting in North America. To cope with what are often cold and wet climate conditions, the AWR has a stainless steel barrel and receiver which was matte blued until 2000; after that, the standard finish was dull black Teflon. The stock is made from a carbon fiber/Kevlar mix. The barrel is shorter than most magnum-firing Remington 700s at 24 inches, but this helps, along with the synthetic stock, with keeping the weight down. The exception to this is the 7mm Remington UltraMag and .375 Remington UltraMag chamberings; these two have 26-inch barrels.

Twilight 2000 Notes: The following chamberings do not exist in the Twilight 2000 timeline: 7mm STW, 7mm Remington UltraMag, .300 Remington UltraMag, .338 Remington UltraMag, .375 Remington UltraMag.

Weapon	Ammunition	Weight	Magazines	Price
Remington 700 AWR	7mm Remington Magnum	3.1 kg	3 Internal	\$1595
Remington 700 AWR	7mm Remington UltraMag	3.28 kg	3 Internal	\$1790
Remington 700 AWR	7mm STW	3.25 kg	3 Internal	\$1769
Remington 700 AWR	.300 Remington UltraMag	3.6 kg	3 Internal	\$2504
Remington 700 AWR	.300 Winchester Magnum	3.5 kg	3 Internal	\$2373
Remington 700 AWR	.300 Weatherby Magnum	3.6 kg	3 Internal	\$2493
Remington 700 AWR	.338 Remington UltraMag	3.82 kg	3 Internal	\$2784
Remington 700 AWR	.338 Winchester Magnum	3.68 kg	3 Internal	\$2594
Remington 700 AWR	.375 H&H Magnum	4.21 kg	3 Internal	\$3318
Remington 700 AWR	.375 Remington UltraMag	4.25 kg	3 Internal	\$3389

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 700 AWR (7mm Rem Magnum)	BA	4	1-2-3	7	4	Nil	86
Remington 700 AWR (7mm UltraMag)	BA	4	1-2-3	8	4	Nil	85
Remington 700 AWR (7mm STW)	BA	4	1-2-3	7	4	Nil	75
Remington 700 AWR (.300 UltraMag)	BA	5	1-2-3	7	4	Nil	82
Remington 700 AWR (.300 Win Magnum)	BA	5	2-3-Nil	7	4	Nil	89
Remington 700 AWR (.300 Whby Magnum)	BA	5	1-2-3	7	4	Nil	82
Remington 700 AWR (.338 UltraMag)	BA	6	1-3-Nil	8	5	Nil	92
Remington 700 AWR (.338 Win Mag)	BA	6	1-3-Nil	8	5	Nil	103
Remington 700 AWR (.375 H&H)	BA	7	1-3-5	8	5	Nil	99
Remington 700 AWR (.375 UltraMag)	BA	7	1-3-5	8	5	Nil	112

Remington 700 BDL

Notes: The Model 700 BDL has been around since 1962, when it was introduced as a rifle with iron sights in the scout position, and drilling and tapping to allow scopes to be mounted in the standard or scout position. However, production of the original versions of the BDL changed greatly in the revision of the BDL in the early 2000s. It appeared over time in a plethora of calibers, though the 6.5mm Remington Magnum and .350 Remington Magnum were produced only in 1969, the .264 Winchester Magnum chambering was discontinued in 1971, and 8mm Remington Magnum was discontinued in 1991. However, several other chamberings were added from 1988-1993. The original BDL is known for its fine-quality wood furniture, which is laminated with a weatherproofing varnish and has hand-cut checkering on its pistol grip wrist and fore-end. The BDL is fitted with a magazine, accessed via a hinged floorplate under the magazine compartment; however, rounds are loaded conventionally through the action. The buttplate, pistol grip wrist cap, and the fore-end tip (made of contrasting wood) are all separated from the rest of the stock by a thin white spacer. Barrels for standard calibers were 22 inches; magnum chamberings used a 24-inch barrel. The metalwork was for the most part blued, but until the early 1970s, certain chamberings (.264 Winchester Magnum, 7mm Remington Magnum, and .300 Winchester Magnum) were offered with a polished stainless steel barrel. A left-handed version was introduced in 1973, chambered only for .270 Winchester, 7mm Remington Magnum, or .30-06 Springfield; later, the left-hander was also available in .22-250 Winchester, .243 Winchester, and .338 Winchester Magnum. Except for their left-handed orientation, these rifles are identical for game purposes to their right-handed counterparts.

Variants of the BDL Include the Model 700 BDL DM, which is for the most part the same as the standard Model 700 BDL. This version was introduced in 1995. The Model 700 BDL DM has a detachable magazine and a raised Monte Carlo stock, and the lamination has a gloss finish. Chamberings are more restricted, and the weight is a bit different, but for game purposes, the BDL DM otherwise shoots like a BDL (with the exception of the model firing .300 Weatherby Magnum, which has no standard BDL counterpart). The Model 700 BDL European had a short production run from 1993-95; Europeans did not take a shine to the rifle, though some others were sold in the US, Canada, and Mexico. It is for the most identical to the standard Model 700 BDL, but has a

high-glass oil finish for the stock and furniture, and chamberings were limited to .243 Winchester, .270 Winchester, 7mm-08 Remington, .30-06 Springfield, and 7mm Remington Magnum. The Model 700 BDL European performs identically to the standard Model 700 BDL of the appropriate caliber for game purposes. The Model 700 BDL SS is also a similar weapon to the basic BDL, but has metalwork of matte stainless steel, a synthetic stock, and all chamberings have a 24-inch barrel; it shoots identically to the BDL DM except for the .270 Winchester and .30-06 Springfield chamberings, which have different characteristics than the Model 700 BDL DM in the same caliber due to the use of a 24-inch barrel as opposed to a 22-inch barrel. The stock has a raised cheekpiece, but a straight comb. The Model 700 SS-DM is the same weapon, but magazine-fed, and otherwise shoots identically for game purposes to Model 700 BDL SS. The Model 700 SS-DM-B uses exclusively magnum chamberings and has a barrel tipped by a muzzle brake.

The Model 700 BDL stopped production for a little over a year in the early 2000s. When it reappeared, it was similar in appearance to the old BDL; however, in many ways, it was radically changed. The BDL line had been tightened and unified. The stock remained of American Walnut, but with a high-glass finish. The fore-end cap is of ebony, the stock was given a Monte Carlo comb, and the fore-end and pistol grip wrist were given excellent skipline cut checkering. The metalwork is deeply blued, with a slight gloss. There is no detachable magazine, but the internal magazine has a hinged floorplate. The rear sight is adjustable and the front sight is hooded; the rear sight is in the scout position. The new BDL uses the X-Mark Pro trigger pack, allowing the shooter to adjust the trigger for pull weight (factory pull weight is 3.5 pounds, but it can be adjusted 2 pounds either way). The trigger pack also produces a trigger pull with no creep and an even break. The receiver is machined from solid bar-stock, and the new BDL has Remington's "three rings of steel" bolt face and lockup. The barrel is a floating barrel with a target crown; .270 Winchester and .30-06 Springfield use a 22-inch barrel, 7mm Remington UltraMag and .300 Remington UltraMag use a 26-inch barrel, and the other chamberings use a 24-inch barrel. It should be noted that on Remington's web site (as of the time I write this, early February 2012), only .243 Winchester, .270 Winchester, .30-06 Springfield, 7mm Remington Magnum, and .300 Remington UltraMag are listed as "Current;" the other chamberings are listed as "Discontinued."

Twilight 2000 Notes: The original versions of the Model 700 BDL are available in the Twilight 2000 timeline. The Model 700 BDL DM is also available, though it is a very rare version. The New Model 700 BDLs are, however, not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 700 BDL	.17 Remington	2.53 kg	5 Internal	\$572
Remington 700 BDL	.22-250 Remington	2.87 kg	5 Internal	\$837
Remington 700 BDL	.222 Remington	2.78 kg	5 Internal	\$772
Remington 700 BDL	5.56mm NATO	2.8 kg	5 Internal	\$790
Remington 700 BDL	.244 Remington	3.11 kg	5 Internal	\$1058
Remington 700 BDL	.243 Winchester	3.03 kg	5 Internal	\$992
Remington 700 BDL	.25-06 Remington	3.32 kg	5 Internal	\$1262
Remington 700 BDL	.270 Winchester	3.51 kg	5 Internal	\$1451
Remington 700 BDL	.280 Remington	3.57 kg	5 Internal	\$1510
Remington 700 BDL	7mm-08 Remington	3.3 kg	5 Internal	\$1261
Remington 700 BDL	7.62mm NATO	3.4 kg	5 Internal	\$1363
Remington 700 BDL	.30-06 Springfield	3.68 kg	5 Internal	\$1703
Remington 700 BDL	.300 Savage	3.34 kg	5 Internal	\$1340
Remington 700 BDL	.35 Whelan	4.42 kg	5 Internal	\$2670
Remington 700 BDL	.222 Remington Magnum	3.14 kg	4 Internal	\$839
Remington 700 BDL	.264 Winchester Magnum	3.78 kg	4 Internal	\$1301
Remington 700 BDL	6.5mm Remington Magnum	3.66 kg	4 Internal	\$1201
Remington 700 BDL	7mm Remington Magnum	4.04 kg	4 Internal	\$1510
Remington 700 BDL	.300 Winchester Magnum	4.56 kg	4 Internal	\$2288
Remington 700 BDL	8mm Remington Magnum	4.86 kg	4 Internal	\$2589
Remington 700 BDL	.338 Winchester Magnum	4.78 kg	4 Internal	\$2509
Remington 700 BDL	.350 Remington Magnum	4.74 kg	4 Internal	\$2471
Remington 700 BDL DM	.243 Winchester	2.96 kg	4	\$991
Remington 700 BDL DM	.25-06 Remington	3.24 kg	4	\$1261
Remington 700 BDL DM	.270 Winchester	3.43 kg	4	\$1449
Remington 700 BDL DM	.280 Remington	3.48 kg	4	\$1506
Remington 700 BDL DM	7mm-08 Remington	3.22 kg	4	\$1258
Remington 700 BDL DM	7.62mm NATO	3.32 kg	4	\$1361
Remington 700 BDL DM	.30-06 Springfield	3.59 kg	4	\$1700
Remington 700 BDL DM	7mm Remington Magnum	3.96 kg	3	\$1509
Remington 700 BDL DM	.300 Weatherby Magnum	4.61 kg	3	\$2407
Remington 700 BDL DM	.300 Winchester Magnum	4.47 kg	3	\$2284
Remington 700 BDL DM	.338 Winchester Magnum	4.65 kg	3	\$2504
Remington 700 BDL SS	.270 Winchester	3.51 kg	5 Internal	\$1473
Remington 700 BDL SS	.30-06 Springfield	3.75 kg	5 Internal	\$1724



Remington 700 BDL SS	7mm Remington Magnum	4.04 kg	4 Internal	\$1510
Remington 700 BDL SS	.300 Winchester Magnum	4.46 kg	4 Internal	\$2288
Remington 700 BDL SS DM	.270 Winchester	3.94 kg	4	\$1470
Remington 700 BDL SS DM	.30-06 Springfield	3.66 kg	4	\$1683
Remington 700 BDL SS DM	7mm Remington Magnum	3.96 kg	3	\$1509
Remington 700 BDL SS DM	.300 Winchester Magnum	4.37 kg	3	\$2284
Remington 700 BDL SS DM-B	7mm Remington Magnum	4.16 kg	3	\$1560
Remington 700 BDL SS DM-B	.300 Weatherby Magnum	4.82 kg	3	\$2457
Remington 700 BDL SS DM-B	.300 Winchester Magnum	4.59 kg	3	\$2337
Remington 700 BDL SS DM-B	.338 Winchester Magnum	4.77 kg	3	\$2558
New Remington 700 BDL	.17 Remington	2.91 kg	5 Internal	\$598
New Remington 700 BDL	.222 Remington	3.05 kg	5 Internal	\$798
New Remington 700 BDL	5.56mm NATO	3.06 kg	5 Internal	\$817
New Remington 700 BDL	.22-250 Remington	3.03 kg	5 Internal	\$863
New Remington 700 BDL	.243 Winchester	3.04 kg	5 Internal	\$1019
New Remington 700 BDL	.25-06 Remington	3.19 kg	5 Internal	\$1288
New Remington 700 BDL	.270 Winchester	3.42 kg	5 Internal	\$1456
New Remington 700 BDL	.30-06 Springfield	3.8 kg	5 Internal	\$1708
New Remington 700 BDL	7mm Remington Magnum	3.65 kg	4 Internal	\$1537
New Remington 700 BDL	7mm Remington UltraMag	3.82 kg	4 Internal	\$1711
New Remington 700 BDL	.300 Winchester Magnum	4.12 kg	4 Internal	\$2369
New Remington 700 BDL	.300 Remington UltraMag	4.24 kg	4 Internal	\$2500

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington BDL (.17)	BA	2	1-Nil	6	3	Nil	53
Remington 700 BDL (.22-250)	BA	3	1-Nil	6	3	Nil	65
Remington 700 BDL (.222)	BA	3	1-Nil	6	3	Nil	71
Remington 700 BDL (5.56mm)	BA	3	1-Nil	6	3	Nil	70
Remington 700 BDL (.244)	BA	3	2-Nil	7	3	Nil	60
Remington 700 BDL (.243)	BA	3	2-Nil	7	3	Nil	65
Remington 700 BDL (.25-06)	BA	4	2-Nil	7	4	Nil	57
Remington 700 BDL (.270)	BA	4	2-3-Nil	7	4	Nil	60
Remington 700 BDL (.280)	BA	4	2-3-Nil	7	4	Nil	62
Remington 700 BDL (7mm-08)	BA	4	2-3-Nil	7	4	Nil	77
Remington 700 BDL (7.62mm)	BA	4	2-3-Nil	7	5	Nil	79
Remington 700 BDL (.30-06)	BA	4	2-3-Nil	7	5	Nil	68
Remington 700 BDL (.300 Savage)	BA	4	2-3-Nil	7	5	Nil	79
Remington 700 BDL (.35)	BA	6	1-3-Nil	8	5	Nil	95
Remington 700 BDL (.222 Rem Mag)	BA	3	1-1-Nil	7	3	Nil	90
Remington 700 BDL (.264 Win Mag)	BA	4	1-2-3	7	4	Nil	83
Remington 700 BDL (6.5mm Rem Magnum)	BA	4	1-2-Nil	7	4	Nil	92
Remington 700 BDL (7mm Rem Magnum)	BA	4	1-2-3	7	4	Nil	86
Remington 700 BDL (.300 Win Magnum)	BA	5	2-3-Nil	8	4	Nil	89
Remington 700 BDL (8mm Rem Magnum)	BA	6	1-3-Nil	8	5	Nil	94
Remington 700 BDL (.338 Win Magnum)	BA	6	1-3-Nil	8	5	Nil	103
Remington 700 BDL (.350 Rem Magnum)	BA	6	1-3-Nil	8	5	Nil	108
Remington 700 BDL DM (.300 Whby Magnum)	BA	5	1-2-3	8	4	Nil	90
Remington 700 BDL SS (.270)	BA	4	2-3-Nil	7	4	Nil	69
Remington 700 BDL SS (.30-06)	BA	4	2-3-Nil	8	5	Nil	78
Remington 700 BDL SS DM-B (7mm Magnum)	BA	4	1-2-3	8	3	Nil	86
Remington 700 BDL SS DM-B (.300 Whby Magnum)	BA	5	1-2-3	8	3	Nil	90
Remington 700 BDL SS DM-B (.300 Win Magnum)	BA	5	2-3-Nil	8	3	Nil	89
Remington 700 BDL SS DM-B (.338 Win Magnum)	BA	6	1-3-Nil	8	4	Nil	103
New Remington 700 BDL (.17)	BA	2	1-Nil	6	3	Nil	60
New Remington 700 BDL (.222)	BA	3	1-Nil	7	3	Nil	80
New Remington 700 BDL (5.56mm)	BA	3	1-Nil	7	3	Nil	78
New Remington 700 BDL (.22-250)	BA	3	1-Nil	7	3	Nil	75
New Remington 700 BDL (.243)	BA	3	2-Nil	7	3	Nil	77

<b>New Remington 700 BDL (.25-06)</b>	BA	4	2-3-Nil	7	4	Nil	68
<b>New Remington 700 BDL (.270)</b>	BA	4	2-3-Nil	7	4	Nil	63
<b>New Remington 700 BDL (.30-06)</b>	BA	4	2-3-Nil	7	4	Nil	71
<b>New Remington 700 BDL (7mm Rem Magnum)</b>	BA	4	1-2-3	8	4	Nil	100
<b>New Remington 700 BDL (7mm Rem UltraMag)</b>	BA	4	1-2-3	8	4	Nil	106
<b>New Remington 700 BDL (.300 Win Magnum)</b>	BA	5	1-2-3	8	4	Nil	104
<b>New Remington 700 BDL (.300 Rem UltraMag)</b>	BA	5	1-2-3	8	4	Nil	109

### Remington 700 Classic Deluxe (CDL)

Notes: This is a rifle for people who want a rifle that satisfies old-fashioned tastes, but with some new design twists. It is sort of a compromise between the Basic Deluxe and the Classic. The furniture is of dark walnut, but with a fairly deep pistol grip and a straight comb. The pistol grip and forestock are finely checkered. The metalwork is in a fine satin blue. The recoil pad is substantial, over an inch thick. The trigger pull is considered a bit excessive (seven pounds), but it is easily adjustable by a gunsmith. Magnum caliber CDL's have a barrel of 26 inches; non-magnums have a 24-inch barrel.

A relatively new version of the Model 700 CDL is the CDL DM (for Detachable Magazine). Furniture is of well-grained walnut with a checkered pistol grip wrist and fore-end, as well as a thick rubber recoil pad on the butt. The trigger pack is the X-Mark Pro trigger pack, which has a factory-set pull weight of 3.5 pounds and is user-adjustable two pounds heavier or lighter, potentially providing an extra measure of safety or turning the Predator into a hair-trigger rifle. The X-Mark Trigger Pack is made from stainless steel polished to a mirror-like finish, contributing to its smoothness. The barrel is of stainless steel, but the receiver is machined from solid steel barstock. The barrel is free-floating, except for a small bedding area where the receiver meets the barrel. External metalwork is blued with a satin finish. The barrels are 24 inches, except for magnum chamberings, which use a 26-inch barrel.

The Model 700 CDL SF is a limited edition of the Model 700 CDL DM; it was produced in limited quantities only in 2011, with another in different calibers produced in 2012 and 2013. The Model 700 CDL SF has furniture of Grade III Walnut, a hand-fitted and smoother action, the X-Mark Pro trigger pack, and an integral extractor which is more reliable and supports the cartridge head. The 24-inch barrel is not only free-floating, it is match-quality and has a target crown. Other features are as the Model 700 CDL DM.

The Model 700 CDL 100<sup>th</sup> Anniversary Edition is a special, very-limited edition model, and will be built in 2013 only. The 22-inch barrel is specially sighted in before it is put into a stock which provides a specially-bedded barrel. The entire action and receiver is machined out of a solid piece of bar stock, and includes the famous "three rings of steel" Model 700 action. The extractor is integral to the action and extends the full length of the cartridge's case. The barrel is stainless steel, and the Model 700 CDL 100<sup>th</sup> Anniversary Edition has a target crown and the Remington X-Mark Pro user-adjustable trigger pack. The stock is of high-grade American Walnut, specially polished in a satin finish and equipped with a thick recoil pad. Iron sights are in the scout position, and the rifle is drilled and tapped to match several designs of scope mounts.

Twilight 2000 Notes: This weapon does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 700 CDL	.243 Winchester	2.62 kg	4 Internal	\$1087
Remington 700 CDL	.25-06 Remington	3.4 kg	4 Internal	\$1363
Remington 700 CDL	.270 Winchester	3 kg	4 Internal	\$1546
Remington 700 CDL	7mm-08 Remington	2.84 kg	4 Internal	\$1356
Remington 700 CDL	.280 Remington	3.04 kg	4 Internal	\$1605
Remington 700 CDL	7mm Remington Magnum	3.04 kg	3 Internal	\$1605
Remington 700 CDL	7mm Remington UltraMag	3.17 kg	3 Internal	\$1780
Remington 700 CDL	.30-06 Springfield	3.19 kg	4 Internal	\$1805
Remington 700 CDL	.300 Winchester Magnum	3.4 kg	3 Internal	\$2422
Remington 700 CDL	.300 Remington UltraMag	3.5 kg	3 Internal	\$2555
Remington 700 CDL	.35 Whelan	3.72 kg	4 Internal	\$2868
Remington 700 CDL DM	.243 Winchester	3.35 kg	4	\$1103
Remington 700 CDL DM	7mm-08 Remington	3.52 kg	4	\$1371
Remington 700 CDL DM	.270 Winchester	3.4 kg	4	\$1580
Remington 700 CDL DM	.30-06 Springfield	3.51 kg	4	\$1813
Remington 700 CDL DM	7mm Remington Magnum	3.46 kg	3	\$1621
Remington 700 CDL DM	.300 Winchester Magnum	3.69 kg	3	\$2452
Remington 700 CDL SF	6mm Remington	3.35 kg	4	\$1177
Remington 700 CDL SF	.270 Winchester	3.4 kg	4	\$1562
Remington 700 CDL SF	7mm-08 Remington	3.35 kg	4	\$1372
Remington 700 CDL SF	.30-06 Springfield	3.4 kg	4	\$1814
Remington 700 CDL SF	.257 Weatherby Magnum	3.46 kg	3	\$1398
Remington 700 CDL SF	.270 Winchester Short Magnum	3.4 kg	3	\$1353
Remington 700 CDL SF	7mm Remington Magnum	3.35 kg	3	\$1601
Remington 700 CDL SF	.300 Winchester Short Magnum	3.4 kg	3	\$1586



Remington 700 CDL SF	.300 Winchester Magnum	3.35 kg	3	\$2412
Remington 700 CDL 100 <sup>th</sup> Anniversary Edition	.375 H&H Magnum	3.46 kg	3 Internal	\$3269

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 700 CDL (.243)	BA	3	2-Nil	7	3	Nil	74
Remington 700 CDL (.25-06)	BA	4	1-2-3	7	4	Nil	81
Remington 700 CDL (.270)	BA	4	2-3-Nil	7	4	Nil	69
Remington 700 CDL (7mm-08)	BA	4	2-3-Nil	7	4	Nil	87
Remington 700 CDL (.280)	BA	4	2-3-Nil	7	4	Nil	70
Remington 700 CDL (7mm Magnum)	BA	4	1-2-3	8	4	Nil	97
Remington 700 CDL (7mm UltraMag)	BA	4	1-2-3	8	4	Nil	85
Remington 700 CDL (.30-06)	BA	4	2-3-Nil	7	4	Nil	78
Remington 700 CDL (.300 Magnum)	BA	5	1-2-3	8	4	Nil	100
Remington 700 CDL (.300 UltraMag)	BA	6	1-2-3	8	4	Nil	92
Remington 700 CDL (.35)	BA	5	2-4-Nil	8	5	Nil	101
Remington 700 CDL DM (.243)	BA	3	2-Nil	7	3	Nil	77
Remington 700 CDL DM (7mm-08)	BA	4	2-3-Nil	7	4	Nil	90
Remington 700 CDL DM (.270)	BA	4	2-3-Nil	7	4	Nil	70
Remington 700 CDL DM (.30-06)	BA	4	2-3-Nil	7	4	Nil	81
Remington 700 CDL DM (7mm Rem Mag)	BA	4	1-2-3	8	4	Nil	100
Remington 700 CDL DM (.300 Magnum)	BA	5	1-2-3	8	4	Nil	104
Remington 700 CDL SF (6mm)	BA	3	1-2-Nil	7	4	Nil	90
Remington 700 CDL SF (.270)	BA	4	2-3-Nil	7	4	Nil	76
Remington 700 CDL SF (7mm-08)	BA	4	2-3-Nil	7	4	Nil	96
Remington 700 CDL SF (.30-06)	BA	4	2-3-Nil	8	4	Nil	86
Remington 700 CDL SF (.257 Magnum)	BA	4	1-2-3	7	4	Nil	93
Remington 700 CDL SF (.270 WSM)	BA	4	1-2-3	7	4	Nil	110
Remington 700 CDL SF (7mm Magnum)	BA	4	1-2-3	7	4	Nil	95
Remington 700 CDL SF (.300 WSM)	BA	5	1-2-3	7	4	Nil	119
Remington 700 CDL SF (.300 Magnum)	BA	5	1-2-3	8	4	Nil	98
Remington 700 CDL 100 <sup>th</sup> Anniversary Edition	BA	6	1-3-Nil	8	5	Nil	100

Remington 700 EtronX

Notes: This unusual variant of the Remington 700 was introduced in 2000. It is still a bolt-action rifle, but that and the trigger are the only moving parts, for the EtronX uses electronic ignition of the primer. As a result, the EtronX requires special ammunition – variants of standard ammunition which have special primers. For game purposes, this ammunition shoots the same as standard ammunition of the same type, but it cannot be used in standard weapons, even those of the same chambering, and vice versa. Ignition of the rounds happens very quickly (0.0000027 seconds), and there is no delay from moving parts, so the bullet actually leaves the EtronX a fraction of a second more quickly than that of a normal Remington 700. Power for the ignition system is supplied by a removable 9-volt battery in the stock, and LEDs indicate the power state of the battery and whether or not the weapon is on safe or ready to fire. Instead of a conventional safety, the EtronX has an on/off switch for the ignition system. The receiver and barrel are of stainless steel, and the stock is of black high-impact plastic/Kevlar. The barrel is rather long at 26 inches.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 700 EtronX	.220 Swift EtronX	3.9 kg	5 Internal	\$978
Remington 700 EtronX	.22-250 Remington EtronX	3.75 kg	5 Internal	\$888
Remington 700 EtronX	.243 Winchester EtronX	4.01 kg	5 Internal	\$1043

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 700 EtronX (.220)	BA	3	2-Nil	7	3	Nil	72
Remington 700 EtronX (.22-250)	BA	3	2-Nil	7	3	Nil	79
Remington 700 EtronX (.243)	BA	3	2-Nil	7	4	Nil	83

Remington 700 LSS

Notes: The Remington 700 LSS (Laminated Stainless Steel) is a variant of the Remington 700 introduced in 1996. The term “Laminated Stainless Steel” comes from the stock, made from laminated hardwood; and the receiver, barrel, bolt, and floor of the

magazine, which are of stainless steel. This makes for a rifle which is unusually resistant to the elements, especially for a wooden-stocked rifle. The stock has a thick rubber recoil pad. There are no iron sights, but the Model 700 LSS is drilled and tapped for a scope mount. When introduced, the Model 700 LSS was chambered only for 7mm Remington Magnum and .300 Winchester Magnum, but more such long-cased chamberings were added as the years went by. The Remington 700 LSS uses a 24-inch barrel, except for the .30-06 chambering, which uses a 22-inch barrel, and the .300 Remington UltraMag chambering, which uses a 26-inch barrel.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 700 LSS	.270 Winchester	3.3 kg	3 Internal	\$1546
Remington 700 LSS	7mm Remington Magnum	3.34 kg	3 Internal	\$1585
Remington 700 LSS	7mm Remington UltraMag	3.5 kg	3 Internal	\$1759
Remington 700 LSS	.30-06 Springfield	3.5 kg	3 Internal	\$1777
Remington 700 LSS	.300 Winchester Magnum	3.74 kg	3 Internal	\$2363
Remington 700 LSS	.300 Remington UltraMag	3.88 kg	3 Internal	\$2555
Remington 700 LSS	.338 Remington UltraMag	4.06 kg	3 Internal	\$2774
Remington 700 LSS	.375 Remington UltraMag	4.46 kg	3 Internal	\$3318

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 700 LSS (.270)	BA	4	2-3-Nil	7	4	Nil	69
Remington 700 LSS (7mm Magnum)	BA	4	1-2-3	7	4	Nil	86
Remington 700 LSS (7mm UltraMag)	BA	4	1-2-3	7	4	Nil	75
Remington 700 LSS (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
Remington 700 LSS (.300 Win Magnum)	BA	5	2-3-Nil	7	4	Nil	89
Remington 700 LSS (.300 UltraMag)	BA	5	1-2-3	8	4	Nil	92
Remington 700 LSS (.338 UltraMag)	BA	6	1-3-Nil	8	5	Nil	92
Remington 700 LSS (.375 UltraMag)	BA	7	1-3-5	8	5	Nil	100

Remington 700 Mountain SS

Notes: Despite the name, the Model 700 Mountain SS is basically a target rifle at heart. To that end, the Mountain SS is based around a stainless steel Remington 700 action machined from a solid block of stainless steel. The trigger is Remington's externally adjustable X-Mark Pro trigger pack. The 22-inch barrel has a medium profile and is match-quality, specially-bedded, and has a target crown; it too is made from stainless steel. The stock is a Bell & Carlson aramid fiber-reinforced stock with a recoil pad on the butt; it is available in several finishes.

Weapon	Ammunition	Weight	Magazines	Price
Remington 700 Mountain SS	.25-06 Remington	2.95 kg	5 Internal	\$1363
Remington 700 Mountain SS	.270 Winchester	2.95 kg	5 Internal	\$1552
Remington 700 Mountain SS	.280 Remington	2.95 kg	5 Internal	\$1612
Remington 700 Mountain SS	7mm-08 Remington	2.95 kg	5 Internal	\$1362
Remington 700 Mountain SS	7.62mm NATO	2.95 kg	5 Internal	\$1524
Remington 700 Mountain SS	.30-06 Springfield	2.95 kg	5 Internal	\$1805

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 700 Mountain SS (.25-06)	BA	4	1-2-Nil	7	4	Nil	75
Remington 700 Mountain SS (.270)	BA	4	2-3-Nil	7	4	Nil	66
Remington 700 Mountain SS (.280)	BA	4	2-3-Nil	7	4	Nil	68
Remington 700 Mountain SS (7mm-08)	BA	4	2-3-Nil	7	4	Nil	84
Remington 700 Mountain SS (7.62mm)	BA	4	2-3-Nil	7	4	Nil	86
Remington 700 Mountain SS (.30-06)	BA	4	2-3-Nil	7	4	Nil	75

Remington 700 Safari

Notes: This is a magnum big-game hunting rifle introduced in 1962, and originally known as the Model 700 BDL Safari. It was originally chambered in .358 Winchester Magnum, .375 H&H Magnum, and .458 Winchester Magnum, but in 1986, 8mm Remington Magnum was added, and in 1988 the .358 Winchester Magnum chambering was dropped in favor of .416 Remington Magnum. The barrel used is a heavy 24-inch barrel; the standard stock is of hardwood. A variant is the Safari KS; this version has a plastic/Kevlar stock and a 22-inch barrel, and was introduced in 1989. In 1993, a sub-variant of the KS was introduced, the KS Stainless; this version has stainless steel metalwork, but is otherwise identical to the KS for game purposes. There were also two deluxe models, the Safari Grade and Safari Classic; these are identical to the standard Model 700 Safari for game purposes. The Safari was replaced

by the Model 700 ABG in 2001.

Weapon	Ammunition	Weight	Magazines	Price
Remington 700 Safari	8mm Remington Magnum	4.1 kg	3 Internal	\$2682
Remington 700 Safari	.358 Winchester Magnum	3.91 kg	3 Internal	\$2437
Remington 700 Safari	.375 H&H Magnum	4.63 kg	3 Internal	\$3326
Remington 700 Safari	.416 Remington Magnum	5.03 kg	3 Internal	\$3897
Remington 700 Safari	.458 Winchester Magnum	5.15 kg	3 Internal	\$4086
Remington 700 KS Safari	8mm Remington Magnum	4.02 kg	3 Internal	\$2929
Remington 700 KS Safari	.358 Winchester Magnum	3.83 kg	3 Internal	\$2385
Remington 700 KS Safari	.375 H&H Magnum	4.54 kg	3 Internal	\$3274
Remington 700 KS Safari	.416 Remington Magnum	4.93 kg	3 Internal	\$3844
Remington 700 KS Safari	.458 Winchester Magnum	5.05 kg	3 Internal	\$4034

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 700 Safari (8mm)	BA	6	1-3-Nil	8	5	Nil	89
Remington 700 Safari (.358)	BA	6	1-3-Nil	8	5	Nil	111
Remington 700 Safari (.375)	BA	7	1-3-5	8	5	Nil	103
Remington 700 Safari (.416)	BA	7	1-3-5	9	5	Nil	112
Remington 700 Safari (.458)	BA	8	1-3-5	9	5	Nil	112
Remington 700 KS Safari (8mm)	BA	6	1-2-3	7	4	Nil	78
Remington 700 KS Safari (.358)	BA	6	1-3-Nil	7	5	Nil	98
Remington 700 KS Safari (.375)	BA	6	1-3-Nil	8	5	Nil	90
Remington 700 KS Safari (.416)	BA	7	1-3-5	8	5	Nil	98
Remington 700 KS Safari (.458)	BA	7	1-3-5	8	5	Nil	98

Remington 700 Sendero SF

Notes: This descendant of the Remington 700 Varmint (below) is designed to fire powerful magnum rounds. It has a synthetic stock made by H-S Precision and has a rubber recoil pad for the butt. The Sendero was originally offered in .25-06 Remington, .270 Winchester, 7mm Remington Magnum, and .300 Weatherby Magnum, but the .270 option was dropped in 1999 and several alternate chamberings were substituted. The rifle is drilled and tapped for a scope mount, and can even take a MIL-STD-1913 rail (though it does not come standard). The receiver and barrel are matte blued and joined to the stock with an aluminum block. The stock is of Kevlar-reinforced polyurethane.

Between 1999 and 2001, a special version of the Sendero SF was built, called the Sendero Composite. The barrel of this rifle has a stainless steel lining, but the rest of the barrel is made from carbon fiber. This results not only in greatly-reduced weight, but also better cooling of the barrel. Unfortunately, the Sendero Composite did not sell very well, perhaps because the rifle had been lightened too much. I think it is a rifle ahead of its time.

Twilight 2000 Notes: Only the original chamberings are available, and this is a very rare rifle. The Sendero Composite is not available at all in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 700 Sendero SF	.25-06 Remington	3.38 kg	5 Internal	\$1391
Remington 700 Sendero SF	.270 Winchester	3.51 kg	5 Internal	\$1581
Remington 700 Sendero SF	7mm Remington Magnum	3.54 kg	5 Internal	\$1620
Remington 700 Sendero SF	7mm Short-Action UltraMag	3.45 kg	5 Internal	\$1490
Remington 700 Sendero SF	7mm UltraMag	3.67 kg	5 Internal	\$1795
Remington 700 Sendero SF	.300 Weatherby Magnum	4.12 kg	5 Internal	\$2560
Remington 700 Sendero SF	.300 Short-Action UltraMag	3.57 kg	5 Internal	\$1555
Remington 700 Sendero SF	.300 UltraMag	4.22 kg	5 Internal	\$2572
Remington 700 Sendero Composite	.25-06 Remington	3.09 kg	5 Internal	\$1314
Remington 700 Sendero Composite	7mm STW	3.56 kg	5 Internal	\$1716
Remington 700 Sendero Composite	.300 Winchester Magnum	3.76 kg	5 Internal	\$2391

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 700 Sendero SF (.25-06)	BA	4	2-3-Nil	7	4	Nil	73
Remington 700 Sendero SF (.270)	BA	4	2-3-Nil	7	4	Nil	77
Remington 700 Sendero SF (7mm Rem Mag)	BA	4	1-2-3	8	4	Nil	97
Remington 700 Sendero SF (7mm Short-Action)	BA	4	1-2-3	7	4	Nil	108
Remington 700 Sendero SF (7mm UltraMag)	BA	4	1-2-3	8	4	Nil	85
Remington 700 Sendero SF (.300 Whby)	BA	5	1-2-3	8	4	Nil	93

<b>Remington 700 Sendero SF (.300 Short-Action)</b>	BA	5	1-2-3	7	4	Nil	119
<b>Remington 700 Sendero SF (.300 UltraMag)</b>	BA	5	1-2-3	8	4	Nil	92
<b>Remington 700 Sendero Composite (.25-06)</b>	BA	4	2-3-Nil	7	5	Nil	73
<b>Remington 700 Sendero Composite (7mm STW)</b>	BA	4	1-2-3	8	5	Nil	85
<b>Remington 700 Sendero Composite (.300 Win Mag)</b>	BA	5	1-2-3	8	5	Nil	100

## Remington 700 SPS

Notes: The Model 700 SPS AAC-SD (Special Purpose Synthetic, with the name of the suppressor) comes with synthetic furniture, a recoil pad for the stock, and a drilling and tapping for scope rings. There are no iron sights. The barrel is threaded for a suppressor, as the name suggests; it can also be fired without the suppressor, with the threads protected by a screw-on cap. The barrel is a heavy barrel. Though the suppressor included is an AAC-SD, the Model 700 SPS AAC-SD will accept other 5/8-24 suppressors. The stock is Ghillie Green, and the rifle has an X-Mark Pro adjustable stock. It is designed for civilian as well as military and police use; civilian use is for not to spook game. Barrel length is 20 inches. In 2011, The Model 700 SPS (without suppressor) was given a Mossy Oak Break-Up Infinity finish over most of the stock and furniture (the grips portions of the pistol grip wrist and the fore-end are of gray textured rubber, and the metalwork is matte gray). This is designated the Model 700 SPS Camo. In addition, the barrel lengths are different: standard calibers use a 20-inch barrel (in the case of 5.56mm NATO, .243 Winchester, and 7mm-08 Remington) or 22 inches (in the case of .243 Winchester, 7mm-08 Winchester, .270 Winchester, or .30-06 Springfield); magnum chamberings use a 24-inch barrel.

The Model 700 SPS Tactical is billed as a “no-frills” version of the SPS, yet is still has the X-Mark Pro trigger pack, a Super Cell recoil pad on the butt, and a 20-inch, heavy-profile, hammer-forged barrel with a target crown. The entire rifle is finished in black, including external metalwork and the synthetic furniture. Hogue grip textures are molded into pistol grip wrist and the fore-end. The stock and the fore-end have sling swivels. There are no iron sights, but the Model 700 SPS Tactical is drilled and tapped to accept a variety of sight bases and rings.

New for 2013, the Model 700 SPS Wood Tech melds the best of older features of the Model 700 with new technological features. The most notable feature is the stock, which is primarily walnut, but with over-molded grip panels on the pistol grip wrist and fore-end. However, the Wood Tech also has a Super Cell recoil pad, and Remington's X-Mark-Pro externally-adjustable trigger pack (factory-set as a pull weight of 3.5 pounds). The barrel is a floating, medium-profile, hammer-forged 22-inch barrel on standard chamberings and 24 inches on magnum chamberings.

Now out of production, the Remington 700 SPS Buckmasters edition was a special version produced as a limited edition in the early 2010s. It has the standard features of a Model 700 SPS, but the stock is a composite with a Realtree Hardwoods HD camouflage pattern on the stock. (The Young Buck Youth version has a Realtree Hardwoods Gray HD Pattern.) The Buckmasters has a specially-engraved floorplate for the magazine, with the Youth version, the Young Bucks, having a different engraving on the floorplate. The barrel does not float, but does use a special bedding system that helps consistent shot placement and accuracy, as well as minimizing vibrations transmitted to the optics. The bolt, breech, receiver, lock up to form the “three rings of steel” common on the Model 700, and which provide a strong and positive lockup around the cartridge. The extractor takes up nearly the entire length of the cartridge length, making for more positive ejection. The Buckmasters Edition uses the now-ubiquitous (on Remington Rifle) X-Mark Pro adjustable trigger pack. Barrels are of medium weight, hammer-forged, and 24 inches for most chamberings. The Magnum chamberings use a 26-inch barrel, and the Young Buck version has a 20” barrel (and is 51 mm shorter in length of pull). A recoil pad helps out when shooting.

The Model 700 SPS DM (for Detachable Magazine) is a sort of composite-stocked SPS with a detachable magazine. The DM comes with most of the best features of other SPSs, ranging from a Super Cell recoil pad to the “three rings of steel” lockup feature. The finish is in dark gray for the stock, grip panels, and even the barrel and external metalwork. Barrels are 24 inches except for magnum barrels, which are 26 inches. The barrels are of carbon steel, medium weight, specially-bedded, and “clean” – the DM has no iron sights, though it is drilled and tapped for a scope mount. Unlike most SPSs, the DM has sling swivels.

The Model 700 SPS Stainless is sort of a Model 700 SPS on steroids. It's signature feature is it's stainless steel barrel and external metalwork. The shine from the stainless steel is cut with bead blasting. Like most SPSs, it has no iron sights, but comes drilled and tapped for optics. The internal mechanism is specially plated to increase corrosion and reduce the need for lubrication. The barrel is a medium-profile specially-bedded barrel, 24 inches long except for magnum chamberings, which are 26 inches long. The Stainless comes in a plethora of chamberings.

The Model SPS Varmint is, as most such rifles, enhancements to make it accurate even against small targets. To this end, the Varmint has a heavy 26-inch barrel with a target crown, as well as other features of a basic SPS barrel. It is quite solidly built and has a sling swivel at the toe of the butt and two under the fore-end.

Twilight 2000 Notes: None of the variants of the Remington 700 SPS exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
<b>Remington 700 SPS AAC-SD (Without Suppressor)</b>	7.62mm NATO and 7.62mm NATO Subsonic	2.95 kg	4 Internal	\$1436
<b>AAC-SD Suppressor</b>	N/A	3.38 kg	N/A	\$675
<b>Model 700 SPS Camo</b>	5.56mm NATO	3.18 kg	5 Internal	\$782
<b>Model 700 SPS Camo (20” Barrel)</b>	.243 Winchester	3.23 kg	5 Internal	\$984
<b>Model 700 SPS Camo (22” Barrel)</b>	.243 Winchester	3.29 kg	5 Internal	\$1005



<b>Model 700 SPS Camo (20" Barrel)</b>	7mm-08 Remington	3.29 kg	5 Internal	\$1254
<b>Model 700 SPS Camo (22" Barrel)</b>	7mm-08 Remington	3.35 kg	5 Internal	\$1274
<b>Model 700 SPS Camo</b>	.270 Winchester	3.43 kg	5 Internal	\$1465
<b>Model 700 SPS Camo</b>	.30-06 Springfield	3.53 kg	5 Internal	\$1718
<b>Model 700 SPS Camo</b>	7mm Remington Magnum	3.42 kg	4 Internal	\$1524
<b>Model 700 SPS Camo</b>	.300 Winchester Magnum	3.74 kg	4 Internal	\$2303
<b>Model 700 SPS Tactical</b>	5.56mm NATO	3.4 kg	5 Internal	\$864
<b>Model 700 SPS Tactical</b>	7.62mm NATO	3.75 kg	5 Internal	\$1498
<b>Model 700 SPS Wood Tech</b>	.270 Winchester	3.35 kg	5 Internal	\$1535
<b>Model 700 SPS Wood Tech</b>	.30-06 Springfield	3.35 kg	5 Internal	\$1787
<b>Model 700 SPS Wood Tech</b>	7mm Remington Magnum	3.46 kg	4 Internal	\$1595
<b>Model 700 SPS Wood Tech</b>	.300 Winchester Magnum	3.46 kg	4 Internal	\$2392
<b>Model 700 SPS Buckmasters Edition</b>	.243 Winchester	3.29 kg	5 Internal	\$1072
<b>Model 700 SPS Buckmasters Edition</b>	7mm-08 Remington	3.29 kg	5 Internal	\$1365
<b>Model 700 SPS Buckmasters Edition</b>	.270 Winchester	3.35 kg	5 Internal	\$1555
<b>Model 700 SPS Buckmasters Edition</b>	.30-06 Springfield	3.35 kg	5 Internal	\$1808
<b>Model 700 SPS Buckmasters Edition</b>	7mm Remington Magnum	3.46 kg	4 Internal	\$1615
<b>Model 700 SPS Buckmasters Edition</b>	.300 Winchester Magnum	3.46 kg	4 Internal	\$2449
<b>Model 700 SPS Young Buck Edition</b>	.243 Winchester	3.18 kg	5 Internal	\$1030
<b>Model 700 SPS DM</b>	.243 Winchester	3.29 kg	5	\$1081
<b>Model 700 SPS DM</b>	.270 Winchester Magnum	3.35 kg	5	\$1564
<b>Model 700 SPS DM</b>	7mm-08 Remington	3.29 kg	5	\$1374
<b>Model 700 SPS DM</b>	.30-06 Springfield	3.35 kg	5	\$1816
<b>Model 700 SPS DM</b>	7mm Remington Magnum	3.46 kg	4	\$1623
<b>Model 700 SPS DM</b>	.300 Winchester Magnum	3.46 kg	4	\$2453
<b>Model 700 SPS Stainless</b>	.204 Ruger	3.29 kg	5 Internal	\$820
<b>Model 700 SPS Stainless</b>	5.56mm NATO	3.29 kg	5 Internal	\$894
<b>Model 700 SPS Stainless</b>	.22-250 Remington	3.29 kg	5 Internal	\$939
<b>Model 700 SPS Stainless</b>	.243 Winchester	3.29 kg	5 Internal	\$1096
<b>Model 700 SPS Stainless</b>	.25-06 Remington	3.35 kg	5 Internal	\$1366
<b>Model 700 SPS Stainless</b>	.270 Winchester	3.35 kg	5 Internal	\$1555
<b>Model 700 SPS Stainless</b>	7mm-08 Remington	3.29 kg	5 Internal	\$1365
<b>Model 700 SPS Stainless</b>	7.62mm NATO	3.29 kg	5 Internal	\$1527
<b>Model 700 SPS Stainless</b>	.30-06 Springfield	3.35 kg	5 Internal	\$1808
<b>Model 700 SPS Stainless</b>	.270 Winchester Short Magnum	3.35 kg	4 Internal	\$1367
<b>Model 700 SPS Stainless</b>	7mm Remington Magnum	3.46 kg	4 Internal	\$1615
<b>Model 700 SPS Stainless</b>	7mm Remington UltraMag	3.46 kg	4 Internal	\$1790
<b>Model 700 SPS Stainless</b>	.300 Winchester Magnum	3.46 kg	4 Internal	\$2449
<b>Model 700 SPS Stainless</b>	.300 Winchester Short Magnum	3.35 kg	4 Internal	\$1601
<b>Model 700 SPS Stainless</b>	.300 Remington UltraMag	3.46 kg	4 Internal	\$2584
<b>Model 700 SPS Varmint</b>	.17 Remington Fireball	3.86 kg	5 Internal	\$630
<b>Model 700 SPS Varmint</b>	.204 Ruger	3.86 kg	5 Internal	\$853
<b>Model 700 SPS Varmint</b>	5.56mm NATO	3.86 kg	5 Internal	\$926
<b>Model 700 SPS Varmint</b>	.22-250 Remington	3.86 kg	5 Internal	\$973
<b>Model 700 SPS Varmint</b>	.243 Winchester	3.86 kg	5 Internal	\$1129
<b>Model 700 SPS Varmint</b>	7.62mm NATO	3.86 kg	5 Internal	\$1560

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Remington 700 SPS AAC-SD (7.62mm)</b>	BA	4	2-3-Nil	6	4	Nil	71
<b>Remington 700 SPS AAC-SD (7.62mm Subsonic)</b>	BA	3	1-Nil	6	3	Nil	46
<b>Remington 700 SPS AAC-SD (7.62mm, w/Suppressor)</b>	BA	3	1-Nil	11	3	Nil	59
<b>Remington 700 SPS AAC-SD (7.62mm Subsonic, w/Suppressor)</b>	BA	3	1-Nil	11	2	Nil	38
<b>Remington 700 Titanium (.30-06)</b>	BA	4	2-3-Nil	7	5	Nil	68
<b>Remington 700 SPS Camo (5.56mm)</b>	BA	3	1-Nil	6	3	Nil	61
<b>Remington 700 SPS Camo (.243, 20")</b>	BA	3	2-Nil	6	3	Nil	57
<b>Remington 700 SPS Camo (.243, 22")</b>	BA	3	2-Nil	6	3	Nil	65

<b>Remington 700 SPS Camo (7mm-08, 20")</b>	BA	4	2-3-Nil	6	4	Nil	67
<b>Remington 700 SPS Camo (7mm-08, 22")</b>	BA	4	2-3-Nil	7	4	Nil	77
<b>Remington 700 SPS Camo (.270)</b>	BA	4	2-3-Nil	7	4	Nil	60
<b>Remington 700 SPS Camo (.30-06)</b>	BA	4	2-3-Nil	7	5	Nil	68
<b>Remington 700 SPS Camo (7mm Magnum)</b>	BA	4	1-2-3	7	5	Nil	86
<b>Remington 700 SPS Camo (.300 Magnum)</b>	BA	5	1-2-3	7	5	Nil	89
<b>Remington 700 SPS Tactical (5.56mm)</b>	BA	3	1-Nil	6	2	Nil	64
<b>Remington 700 SPS Tactical (7.62mm)</b>	BA	4	2-3-Nil	7	4	Nil	72
<b>Remington 700 SPS Wood Tech (.270)</b>	BA	4	2-3-Nil	7	4	Nil	64
<b>Remington 700 SPS Wood Tech (.30-06)</b>	BA	4	2-3-Nil	7	4	Nil	73
<b>Remington 700 SPS Wood Tech (7mm Magnum)</b>	BA	4	1-2-3	7	4	Nil	76
<b>Remington 700 SPS Wood Tech (.300 Magnum)</b>	BA	5	1-2-3	8	4	Nil	94
<b>Model 700 SPS Buckmasters Edition (.243)</b>	BA	3	2-Nil	7	3	Nil	76
<b>Model 700 SPS Buckmasters Edition (7mm-08)</b>	BA	4	2-3-Nil	7	4	Nil	91
<b>Model 700 SPS Buckmasters Edition (.270)</b>	BA	4	2-3-Nil	7	4	Nil	72
<b>Model 700 SPS Buckmasters Edition (.30-06)</b>	BA	4	2-3-Nil	7	4	Nil	81
<b>Model 700 SPS Buckmasters Edition (7mm Magnum)</b>	BA	4	1-2-3	8	4	Nil	101
<b>Model 700 SPS Buckmasters Edition (.300 Magnum)</b>	BA	5	1-2-3	8	4	Nil	104
<b>Model 700 SPS Young Buck Edition</b>	BA	3	2-Nil	6	3	Nil	59
<b>Model 700 SPS DM (.243)</b>	BA	3	2-Nil	7	3	Nil	76
<b>Model 700 SPS DM (.270)</b>	BA	4	2-3-Nil	7	4	Nil	72
<b>Model 700 SPS DM (7mm-08)</b>	BA	4	2-3-Nil	7	4	Nil	91
<b>Model 700 SPS DM (.30-06)</b>	BA	4	2-3-Nil	7	4	Nil	81
<b>Model 700 SPS DM (7mm Magnum)</b>	BA	4	1-2-3	8	4	Nil	100
<b>Model 700 SPS DM (7mm Magnum)</b>	BA	5	1-2-3	8	4	Nil	104
<b>Model 700 SPS Stainless (.204)</b>	BA	3	1-Nil	7	2	Nil	70
<b>Model 700 SPS Stainless (5.56mm)</b>	BA	3	1-Nil	7	3	Nil	79
<b>Model 700 SPS Stainless (.22-250)</b>	BA	3	1-Nil	7	3	Nil	75
<b>Model 700 SPS Stainless (.243)</b>	BA	3	2-Nil	7	3	Nil	77
<b>Model 700 SPS Stainless (.25-06)</b>	BA	4	1-2-3	7	4	Nil	81
<b>Model 700 SPS Stainless (.270)</b>	BA	4	2-3-Nil	7	4	Nil	72
<b>Model 700 SPS Stainless (7mm-08)</b>	BA	4	2-3-Nil	7	4	Nil	91
<b>Model 700 SPS Stainless (7.62mm)</b>	BA	4	2-3-Nil	7	4	Nil	93
<b>Model 700 SPS Stainless (.30-06)</b>	BA	4	2-3-Nil	7	4	Nil	81
<b>Model 700 SPS Stainless (.270 WSM)</b>	BA	4	1-2-3	7	4	Nil	116
<b>Model 700 SPS Stainless (7mm Magnum)</b>	BA	4	1-2-3	8	4	Nil	101
<b>Model 700 SPS Stainless (7mm UltraMag)</b>	BA	4	1-2-3	8	4	Nil	97
<b>Model 700 SPS Stainless (.300 Magnum)</b>	BA	5	1-2-3	8	4	Nil	104
<b>Model 700 SPS Stainless (.300 WSM)</b>	BA	5	1-2-3	8	4	Nil	125
<b>Model 700 SPS Stainless (.300 UltraMag)</b>	BA	5	1-2-3	8	4	Nil	105
<b>Model 700 SPS Varmint (.17)</b>	BA	2	1-Nil	7	2	Nil	90
<b>Model 700 SPS Varmint (.204)</b>	BA	3	1-Nil	7	2	Nil	77
<b>Model 700 SPS Varmint (5.56mm)</b>	BA	3	2-Nil	7	2	Nil	86
<b>Model 700 SPS Varmint (.22-250)</b>	BA	3	2-Nil	7	2	Nil	82
<b>Model 700 SPS Varmint (.243)</b>	BA	3	2-Nil	7	3	Nil	86
<b>Model 700 SPS Varmint (7.62mm)</b>	BA	4	2-3-Nil	8	4	Nil	103

## Remington 700 Titanium

Notes: As the name suggests, this is a version of the Remington 700 with a receiver made from titanium alloy. This makes the Model 700 Titanium lighter than the standard Model 700, and the Model 700 Titanium gained the nickname "Ultimate Lightweight." The Model 700 Titanium was made this light in order to facilitate lugging around in mountainous terrain. The bolt is also modified to make it lighter (facilitated by the titanium alloy construction), and the barrel is only 22 inches long and made from stainless steel. The stock is made from a type of carbon fiber called B&C, reinforced with Kevlar. The rifle has no iron sights, but is drilled and tapped for a scope mount. This rifle was introduced in 2001, but the 7.62mm NATO chambering was not added until 2002.



Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 700 Titanium	6.5-08 A-Square	2.5 kg	5 Internal	\$1350
Remington 700 Titanium	.270 Winchester	2.57 kg	5 Internal	\$1480
Remington 700 Titanium	7mm-08 Remington	2.4 kg	5 Internal	\$1414
Remington 700 Titanium	7.62mm NATO	2.42 kg	5 Internal	\$1451
Remington 700 Titanium	.30-06 Springfield	2.74 kg	5 Internal	\$1736

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 700 Titanium (6.5mm)	BA	4	2-3-Nil	7	5	Nil	58
Remington 700 Titanium (.270)	BA	4	2-3-Nil	7	5	Nil	60
Remington 700 Titanium (7mm-08)	BA	4	2-3-Nil	7	5	Nil	69
Remington 700 Titanium (7.62mm)	BA	4	2-3-Nil	7	6	Nil	79
Remington 700 Titanium (.30-06)	BA	4	2-3-Nil	7	5	Nil	68

### Remington 700 Varmint

Notes: This new, small-caliber version of the Remington 700 was originally meant for varmint hunting, but police quickly discovered that it also makes a valuable and handy light tactical sniping rifle. The standard model is the Varmint Special, introduced in 1967. It comes in a variety of small calibers, and is accurate without having to worry much about over-penetration. It has a composite stock and a fluted barrel. The barrel is free-floating, heavy, and quite long, and the rifle is equipped with scope rings (but no iron sights). The stock is made from walnut and has an ebony cap on the fore-end and is of the Monte Carlo style. The fore-end, pistol grip wrist cap, and butt plate are further decorated with white spacers. The .25-06 chambering was dropped in 1989, and the Varmint Special was itself discontinued in 1992.

Its replacement was the Model 700 VS (not to be confused with the Varmint Special; the "VS" in this case stands for Varmint Synthetic). This new version was introduced in 1992, and has a stock of carbon fiber/Kevlar. The barrel length is increased to 26 inches. The receiver and barrel, made from steel, are matte black in color. The .243 chambering was not introduced until 1997. The Remington 700 VLS (Varmint Laminated Stock) is similar, but has a stock made from laminated hardwood, and comes in a different mix of chamberings. It appeared in 1995. Another variant of the Model 700 VS is the Model 700 VS SF (Varmint Synthetic Stainless Fluted); this version has a synthetic stock, fluted barrel to save weight and aid in cooling, and a stainless steel receiver and barrel. It appeared in 1998; the .243 Winchester chambering was dropped in 1999, replaced by the .220 Swift. A special version of the Model 700 VS SF appeared for a short time between 1998 and 2001; this was the Model 700 VS SF-P, with "P" standing for "Ported," and referring to compensator ports cut near the muzzle. These are to help prevent fouling from carbon buildup, and are not designed to counter barrel climb or felt recoil. The Model 700 VS SF-P is identical to the Model VS SF for game terms, except that is made only in .22 Swift, .22-250 Remington, and 7.62mm NATO chamberings. An even more extreme version of the Model 700 VS appeared in 1999, called the Model 700 VS Composite. This rifle has a barrel with a stainless steel lining, but composed largely of carbon fiber. This combination provides for light weight and superior heat dissipation, but did not sell well, and was taken off the market in 2002.

The Model 700 VTR A-TACS is an advanced variant of the Model 700 Varmint, differs in many ways from the standard barrel. The stock is synthetic, and is finished with a digitized pattern that actually absorbs light shining on it to an extent. In addition, the barrel and metalwork are externally finished in matte gray. The butt is equipped with a rubber recoil pad. The 22-inch barrel has an unusual external triangular cross-section which gives the benefits of a heavy barrel without increasing the weight as much as a standard heavy barrel would (and it still allows for a target crown. The barrel is also free-floating, and at the muzzle end of the barrel are three slotted ports to fight muzzle climb and felt recoil, as well as contribute to barrel cooling. Like most modern Remington rifles, the Model 700 VTR A-TACS uses the X-Mark Pro trigger pack, which is made from stainless steel polished to a mirror-like finish, contributing to its smoothness. Remington's web site is a bit confusing about the calibers of the Model 700 VTR A-TACS; the text of its description says that it is made in 5.56mm and 7.62mm versions, but the Specifications section only shows the 7.62mm chambering. I have included both below for completeness,

Twilight 2000 Notes: The following versions of the Remington 700 VS do not exist in the Twilight 2000 timeline: Model 700 VLS, Model 700 VS SF, Model 700 VS SF-P, Model 700 VTR A-TACS and Model 700 VS Composite. In addition, the Model 700 VS does not appear chambered in .243 Winchester.

Weapon	Ammunition	Weight	Magazines	Price
Remington 700 Varmint	.222 Remington	3.77 kg	5 Internal	\$801
Remington 700 Varmint	5.56mm NATO	3.8 kg	5 Internal	\$819
Remington 700 Varmint	.220 Swift	4.03 kg	4 Internal	\$956
Remington 700 Varmint	.22-250 Remington	3.89 kg	4 Internal	\$866
Remington 700 Varmint	6mm Remington	4.26 kg	4 Internal	\$1087
Remington 700 Varmint	.243 Winchester	4.16 kg	4 Internal	\$1021
Remington 700 Varmint	.25-06 Remington	4.58 kg	4 Internal	\$1291
Remington 700 Varmint	7mm-08 Remington	4.58 kg	4 Internal	\$1289
Remington 700 Varmint	7.62mm NATO	4.81 kg	4 Internal	\$1451

Remington 700 VS	5.56mm NATO	4.1 kg	5 Internal	\$850
Remington 700 VS	.22-250 Remington	4.18 kg	4 Internal	\$897
Remington 700 VS	.243 Winchester	4.47 kg	4 Internal	\$1052
Remington 700 VS	7.62mm NATO	5.21 kg	4 Internal	\$1482
Remington 700 VLS	5.56mm NATO	4.25 kg	5 Internal	\$840
Remington 700 VLS	.22-250 Remington	4.33 kg	4 Internal	\$887
Remington 700 VLS	6mm Remington	4.73 kg	4 Internal	\$1108
Remington 700 VLS	.243 Winchester	4.62 kg	4 Internal	\$1042
Remington 700 VLS	6.5-08 A-Square	5.19 kg	4 Internal	\$1373
Remington 700 VLS	7mm-08 Remington	5.24 kg	4 Internal	\$1408
Remington 700 VLS	7.62mm NATO	5.33 kg	4 Internal	\$1472
Remington 700 VS SF	5.56mm NATO	3.36 kg	5 Internal	\$850
Remington 700 VS SF	.22-250 Remington	3.4 kg	4 Internal	\$897
Remington 700 VS SF	.220 Swift	3.48 kg	4 Internal	\$987
Remington 700 VS SF	.243 Winchester	3.53 kg	4 Internal	\$1052
Remington 700 VS SF	7.62mm NATO	3.86 kg	4 Internal	\$1482
Remington 700 VS Composite	5.56mm NATO	3.02 kg	5 Internal	\$852
Remington 700 VS Composite	.22-250 Remington	3.1 kg	4 Internal	\$898
Remington 700 VS Composite	7.62mm NATO	4.09 kg	4 Internal	\$1483
Remington 700 VTR A-TACS	5.56mm NATO	2.99 kg	4 Internal	\$913
Remington 700 VTR A-TACS	7.62mm NATO	3.4 kg	4 Internal	\$1546

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 700 Varmint (.222)	BA	3	1-Nil	7	3	Nil	81
Remington 700 Varmint (5.56mm)	BA	3	1-Nil	7	3	Nil	79
Remington 700 Varmint (.220)	BA	3	2-Nil	7	3	Nil	67
Remington 700 Varmint (.22-250)	BA	3	2-Nil	7	3	Nil	76
Remington 700 Varmint (6mm)	BA	3	2-Nil	7	4	Nil	72
Remington 700 Varmint (.243)	BA	3	2-Nil	7	3	Nil	78
Remington 700 Varmint (.25-06)	BA	4	2-3-Nil	7	4	Nil	68
Remington 700 Varmint (7mm-08)	BA	4	2-3-Nil	7	4	Nil	92
Remington 700 Varmint (7.62mm)	BA	4	2-3-Nil	7	4	Nil	94
Remington 700 VS (5.56mm)	BA	3	2-Nil	7	3	Nil	86
Remington 700 VS (.22-250)	BA	3	2-Nil	7	3	Nil	82
Remington 700 VS (.243)	BA	3	2-Nil	7	4	Nil	86
Remington 700 VS (7.62mm)	BA	4	2-3-Nil	8	4	Nil	103
Remington 700 VLS (5.56mm)	BA	3	2-Nil	7	3	Nil	86
Remington 700 VLS (.22-250)	BA	3	2-Nil	7	3	Nil	82
Remington 700 VLS (6mm)	BA	3	2-Nil	7	4	Nil	81
Remington 700 VLS (.243)	BA	3	2-Nil	7	4	Nil	86
Remington 700 VLS (6.5mm)	BA	4	2-3-Nil	8	4	Nil	79
Remington 700 VLS (7mm-08)	BA	4	2-3-Nil	8	4	Nil	94
Remington 700 VLS (7.62mm)	BA	4	2-3-Nil	8	4	Nil	103
Remington 700 VS SF (5.56mm)	BA	3	2-Nil	7	3	Nil	86
Remington 700 VS SF (.22-250)	BA	3	2-Nil	7	3	Nil	82
Remington 700 VS SF (.220)	BA	3	2-Nil	7	3	Nil	76
Remington 700 VS SF (.243)	BA	3	2-Nil	7	4	Nil	86
Remington 700 VS SF (7.62mm)	BA	4	2-3-Nil	8	4	Nil	103
Remington 700 Composite (5.56mm)	BA	3	2-Nil	7	3	Nil	86
Remington 700 Composite (.22-250)	BA	3	2-Nil	7	3	Nil	82
Remington 700 Composite (7.62mm)	BA	4	2-3-Nil	8	4	Nil	103
Remington 700 VTR A-TACS (5.56mm)	BA	3	1-Nil	7	2	Nil	74
Remington 700 VTR A-TACS (7.62mm)	BA	4	2-3-Nil	7	3	Nil	85

Remington 700 XCR

Notes: As much a sniper rifle as a hunting rifle, the Model 700 XCR is designed for precision shooting at long range. Chamberings therefore range from 5.56mm NATO to .375 H&H Magnum; barrels are match-quality and floating. Barrels are 24 inches except for the 7mm Remington Magnum, 7mm Remington UltraMag, .300 Winchester Magnum, .300 Remington UltraMag, .338 Remington

UltraMag, and .338 Winchester Magnum chamberings, which use a 26" barrel. The Compact Tactical version uses a short 20-inch barrel. The Tactical Long Range models all use a 26-inch barrel. Stocks are synthetic and grip points are textured for a sure feel. Metalwork is of stainless steel, coated with (usually matte black) TriNyte which provides excellent wear properties as well as a matte, non-glare finish. The Model 700 XCR is designed for use with optics, and does not have iron sights, being drilled and tapped for a scope mount or MIL-STD-1913 rail. Finishes are black, olive green, bone/camouflage, or woodland camouflage. The bolt handles are flared slightly for a positive grip. The stock has a rubber SuperCell recoil pad. The trigger pack is the X-Mark Pro match-quality trigger system, which is somewhat adjustable and has a light touch. The magazine is fed from underneath through a hinged floorplate.

The Model 700 XCR II is basically similar to the XCR, but the metalwork is in matte black to cut down glare. The Model 700 XCR II is also just a little lighter than the corresponding Model 700 XCR version, but there is not enough of a weight difference to affect performance, and the firing stats are the same for game purposes. Improvements include a receiver machined from solid bar-stock for extra toughness and tighter tolerances, a barrel with a target crown, a recessed bolt face a counterbored breech and with the "three rings of steel" enclosing the cartridge head when it is chambered, an integral extractor (the latter two improving reliability and providing for positive bolt lockup), the X-Mark Pro adjustable trigger pack, a TriNyte Corrosion Control coating on its metalwork, and a Supercell recoil pad on the butt. Some chamberings are also deleted from the Model 700 XCR II line, and it adds one more chambering. Other differences include the .300 Winchester Magnum and .338 Winchester Magnum chamberings, which use a 24-inch barrel in the XCR II instead of a 26-inch barrel. The Model 700 XCR II Camo Bone Collector Edition is a deluxe model designed by gunsmith Michael Waddell, and has its stock finished in a Realtree AP HD pattern. The Camo Bone Collector uses the TriNyte Corrosion Control coating, over matte-finished stainless steel. Much of the metalwork, particularly the receiver, is built from bar stock, providing superior strength. The Model 700 XCR II Camo Bone Collector Edition comes only in one chambering, .30-06 Springfield. For game purposes, however, the Model 700 XCR II Camo Bone Collector Edition is otherwise identical to the standard Model 700 XCR II.

The Model 700 XCR RMEF (Rocky Mountain Elk Foundation) Edition is a standard Remington XCR with a Realtree AP camouflage pattern for its stock and a bright metal nickel finish over its TriNyte finish for its external metalwork. Workmanship is in general of a higher order than on a standard Model 700 XCR. These versions have been produced every year since 2001 in limited quantities each, with proceeds going to the RMEF. Chamberings were (in order of year) .300 Remington UltraMag, 7mm Remington UltraMag, .300 Remington Short-Action UltraMag, .300 Winchester Magnum, 7mm Remington Magnum, .300 Winchester Short Magnum, .300 Remington UltraMag, 7mm Remington UltraMag, and .30-06 Springfield. 2010's model is chambered for .25-06 Remington. All barrels for the Model 700 XCR RMEF are 24 inches. 2011's version is chambered for .300 Winchester Magnum, and is based on XCR II instead of the XCR base; this means it has the refinements of the Model 700 XCR II, and is also slightly different in weight. The XCR II RMEF retains the Realtree AP camouflage pattern on its stock (the same weight as a Model XCR II in .300 Winchester Magnum).

Twilight 2000 Notes: The Remington Model 700 XCR is a rare rifle in the Twilight 2000 timeline. The Remington 700 XCR II and the various Model 700 XCR/XCR II RMEF versions do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 700 XCR Tactical Long Range	5.56mm NATO	3.09 kg	5	\$1130
Remington 700 XCR Tactical Long Range	7.62mm NATO	3.58 kg	5	\$1774
Remington 700 XCR Tactical Long Range	.300 Winchester Magnum	4.22 kg	5	\$2677
Remington 700 XCR Compact Tactical	5.56mm NATO	2.94 kg	5	\$1066
Remington 700 XCR Compact Tactical	7.62mm NATO	3.39 kg	5	\$1700
Remington 700 XCR	.25-06 Remington	3.38 kg	5	\$1582
Remington 700 XCR	.270 Winchester	3.51 kg	5	\$1771
Remington 700 XCR	.270 Winchester Short Magnum	3.37 kg	5	\$1562
Remington 700 XCR	7mm-08 Remington	3.38 kg	5	\$1581
Remington 700 XCR	7mm Remington Magnum	3.59 kg	5	\$1832
Remington 700 XCR	7mm Remington UltraMag	3.71 kg	5	\$2007
Remington 700 XCR	.30-06 Springfield	3.68 kg	5	\$2031
Remington 700 XCR	.300 Winchester Short Magnum	3.53 kg	5	\$1796
Remington 700 XCR	.300 Winchester Magnum	4.1 kg	5	\$2677
Remington 700 XCR	.300 Remington UltraMag	4.17 kg	5	\$2809
Remington 700 XCR	.338 Remington UltraMag	4.33 kg	5	\$3090
Remington 700 XCR	.338 Winchester Magnum	4.23 kg	5	\$2899
Remington 700 XCR	.375 H&H Magnum	4.58 kg	5	\$3561
Remington 700 XCR	.375 Remington UltraMag	4.59 kg	5	\$3572
Remington 700 XCR RMEF	7mm Remington UltraMag	3.66 kg	5	\$1985
Remington 700 XCR RMEF	7mm Remington Magnum	3.44 kg	5	\$1810

Remington 700 XCR RMEF	.30-06 Springfield	3.68 kg	5	\$2031
Remington 700 XCR RMEF	.300 Remington Short-Action UltraMag	3.4 kg	5	\$1746
Remington 700 XCR RMEF	.300 Winchester Short Magnum	3.53 kg	5	\$1796
Remington 700 XCR RMEF	.300 Remington UltraMag	4.11 kg	5	\$2745
Remington 700 XCR II RMEF	.300 Winchester Magnum	3.94 kg	5	\$2421
Remington 700 XCR II	.25-06 Remington	3.35 kg	5	\$1382
Remington 700 XCR II	.270 Winchester	3.47 kg	5	\$1571
Remington 700 XCR II	.280 Remington	3.55 kg	5	\$1631
Remington 700 XCR II	7mm Remington Magnum	3.55 kg	5	\$1632
Remington 700 XCR II	7mm Remington UltraMag	3.67 kg	5	\$1807
Remington 700 XCR II	.30-06 Springfield	3.64 kg	5	\$1831
Remington 700 XCR II	.300 Winchester Short Magnum	3.49 kg	5	\$1796
Remington 700 XCR II	.300 Winchester Magnum	3.93 kg	5	\$2413
Remington 700 XCR II	.300 Remington UltraMag	4.13 kg	5	\$2609
Remington 700 XCR II	.338 Remington UltraMag	4.29 kg	5	\$2890
Remington 700 XCR II	.338 Winchester Magnum	4.05 kg	5	\$2635
Remington 700 XCR II	.375 H&H Magnum	4.53 kg	5	\$3361
Remington 700 XCR II	.375 Remington UltraMag	4.54 kg	5	\$3372

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 700 XCR Tactical Long Range (5.56mm)	BA	3	2-Nil	7	3	Nil	87
Remington 700 XCR Tactical Long Range (7.62mm)	BA	4	2-3-Nil	8	4	Nil	104
Remington 700 XCR Tactical Long Range (.300 Win Mag)	BA	5	1-2-3	8	4	Nil	111
Remington 700 XCR Compact Tactical (5.56mm)	BA	3	1-Nil	6	3	Nil	65
Remington 700 XCR Compact Tactical (7.62mm)	BA	4	2-3-Nil	7	4	Nil	74
Remington 700 XCR (.25-06)	BA	4	2-3-Nil	7	4	Nil	70
Remington 700 XCR (.270 Win)	BA	4	2-3-Nil	7	4	Nil	74
Remington 700 XCR (.270 WSM)	BA	4	1-2-3	7	4	Nil	115
Remington 700 XCR (7mm-08)	BA	4	2-3-Nil	7	4	Nil	94
Remington 700 XCR (7mm Rem Mag)	BA	4	1-2-3	8	4	Nil	107
Remington 700 XCR (7mm RUM)	BA	4	1-2-3	8	4	Nil	117
Remington 700 XCR (.30-06)	BA	4	2-3-Nil	8	4	Nil	83
Remington 700 XCR (.300 WSM)	BA	5	1-2-3	7	4	Nil	116
Remington 700 XCR (.300 Win Mag)	BA	5	1-2-3	8	4	Nil	111
Remington 700 XCR (.300 RUM)	BA	5	1-2-3	8	4	Nil	126
Remington 700 XCR (.338 RUM)	BA	6	1-3-Nil	8	5	Nil	115
Remington 700 XCR (.338 Win Mag)	BA	6	1-3-Nil	8	5	Nil	127
Remington 700 XCR (.375 H&H Mag)	BA	7	1-3-5	8	5	Nil	110
Remington 700 XCR (.375 RUM)	BA	7	1-3-5	8	5	Nil	110
Remington 700 XCR RMEF (7mm RUM)	BA	4	1-2-3	7	4	Nil	104
Remington 700 XCR RMEF (7mm Rem Mag)	BA	4	1-2-3	7	4	Nil	95
Remington 700 XCR RMEF (.30-06)	BA	4	2-3-Nil	8	4	Nil	98
Remington 700 XCR RMEF (.300 RSAUM)	BA	5	1-2-3	7	4	Nil	133
Remington 700 XCR RMEF (.300 WSM)	BA	5	1-2-3	7	4	Nil	83
Remington 700 XCR RMEF (.300 RUM)	BA	5	1-2-3	8	4	Nil	91
Remington 700 XCR II RMEF (.300 Win Mag)	BA	5	2-3-Nil	8	4	Nil	97



Remington 700 XCR II (.280 Rem)	BA	4	2-3-Nil	7	4	Nil	86
Remington 700 XCR II (.300 Win Mag)	BA	5	2-3-Nil	8	4	Nil	99
Remington 700 XCR II (.338 Win Mag)	BA	6	1-3-Nil	8	5	Nil	113

Remington 700 XHR

Notes: The XHR grew out of The Model 700 VTR; however, while Remington still sells the VTR, the XHR has been discontinued. Like the VTR, the XHR (Xtreme Hunting Rifle) has a barrel with a triangular profile, which gives the benefits of a bull barrel but lighter in weight; and aids in barrel cooling as well. The XHR is said to have natural pointing qualities and is finely-balanced. Most chamberings have a 24-inch barrel, but the two UltraMag chamberings have a 26-inch barrel. The barrel is match-quality and specially-bedded. The rifle is equipped with the famous Remington 700 action, and the X-Mark Pro trigger pack. The stock is a Hogue synthetic stock with a Realtree AP HD camouflage finished; the stock also has grip panel overmolding on the fore-end and wrist. On the butt is a SuperCell recoil pad. The external metalwork are finished in satin black oxide.

Weapon	Ammunition	Weight	Magazines	Price
Remington 700 XHR	.243 Winchester	3.29 kg	5 Internal	\$1116
Remington 700 XHR	.25-06 Remington	3.4 kg	5 Internal	\$1386
Remington 700 XHR	.270 Winchester	3.4 kg	5 Internal	\$1575
Remington 700 XHR	7mm-08 Remington	3.29 kg	5 Internal	\$1385
Remington 700 XHR	.30-06 Springfield	3.4 kg	5 Internal	\$1828
Remington 700 XHR	7mm Remington Magnum	3.35 kg	4 Internal	\$1614
Remington 700 XHR	7mm Remington UltraMag	3.46 kg	4 Internal	\$1811
Remington 700 XHR	.300 Winchester Magnum	3.35 kg	4 Internal	\$2425
Remington 700 XHR	.300 Remington UltraMag	3.46 kg	4 Internal	\$2626

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 700 XHR (.243)	BA	3	2-Nil	7	3	Nil	82
Remington 700 XHR (.25-06)	BA	4	1-2-3	7	4	Nil	86
Remington 700 XHR (.270)	BA	4	2-3-Nil	7	4	Nil	76
Remington 700 XHR (7mm-08)	BA	4	2-3-Nil	7	4	Nil	96
Remington 700 XHR (.30-06)	BA	4	2-3-Nil	8	4	Nil	86
Remington 700 XHR (7mm Magnum)	BA	4	1-2-3	7	4	Nil	95
Remington 700 XHR (7mm RUM)	BA	4	1-2-3	8	4	Nil	103
Remington 700 XHR (.300 Magnum)	BA	5	1-2-3	8	4	Nil	98
Remington 700 XHR (.300 RUM)	BA	5	1-2-3	8	4	Nil	112

Remington 710

Notes: This is meant to be a more economical counterpart to the Remington 700. This is done mostly by using more inexpensive synthetics for the stock instead of wood, and a permanently bedded barrel instead one that can be removed. The receiver is made from a fiberglass/reinforced nylon composite, with a Teflon coating. Nonetheless, the 710 is not meant to be cheap in quality. The stock has a fixed swelled cheekpiece, and the 710 is shipped with a mounted 3-9x40 Bushnell Sharpshooter scope. The trigger system includes the new ISS (Integrated Safety System), which allows the trigger to be locked with a key. The stock has a recoil pad. All was not rosy with the Model 710. The Model 710 used several internal parts that were normally metal on other rifles, but were made of plastic on the Model 710. These parts were sometimes in critical places and they often cracked or broke, generally at the wrong moments. No one was injured by the failure of these parts, but the Model 710's reputation was permanently damaged, and it was withdrawn from production in the late 1990s. The economy Model 700 slot was filled by the Model 770 (below).

Twilight 2000 Notes: Though rare, the Model 710 exists in the Twilight 2000 timeline. The GM will have to keep in mind the problem of failure of plastic internal parts.

Weapon	Ammunition	Weight	Magazines	Price
Remington 710	.270 Winchester	2.49 kg	5	\$1664
Remington 710	.30-06 Springfield	3.23 kg	5	\$1635

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 710 (.270)	BA	4	2-3-Nil	7	4	Nil	55
Remington 710 (.30-06)	BA	4	2-3-Nil	7	3	Nil	62

Remington 720

Notes: This was a rifle plagued more by patent troubles than anything else, and as a result, only 2430 were built during less than a

year of production. It was a good design, with a fluted stock, a well-made pistol grip stock, and a striker and bolt mechanism designed to reduce cocking time. A version with a 22-inch barrel, the Model 720A, was also built, though even less were made.

Weapon	Ammunition	Weight	Magazines	Price
Remington 720	.257 Roberts	3.14 kg	5 Internal	\$1181
Remington 720	.270 Winchester	3.41 kg	5 Internal	\$1476
Remington 720	.30-06 Springfield	3.63 kg	5 Internal	\$1728
Remington 720A	.257 Roberts	3.11 kg	5 Internal	\$1161
Remington 720A	.270 Winchester	3.38 kg	5 Internal	\$1456
Remington 720A	.30-06 Springfield	3.6 kg	5 Internal	\$1708

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 720 (.257)	BA	4	2-Nil	7	4	Nil	73
Remington 720 (.270)	BA	4	2-3-Nil	8	5	Nil	69
Remington 720 (.30-06)	BA	4	2-3-Nil	8	5	Nil	78
Remington 720A (.257)	BA	3	2-Nil	7	4	Nil	64
Remington 720A (.270)	BA	4	2-3-Nil	7	4	Nil	60
Remington 720A (.30-06)	BA	4	2-3-Nil	7	5	Nil	68

Remington 721A

Notes: This bolt-action rifle was one of Remington's first post-World War 2 designs. It is a standard sort of bolt-action rifle, with a straight-comb half stock. The rifle was originally introduced in 1948 only in .270 Winchester and .30-06 Springfield; the .280 Remington chambering was not added until 1959, and the Model 721A Magnum was not introduced until 1951. Deluxe versions were also made.

Weapon	Ammunition	Weight	Magazines	Price
Remington 721A	.270 Winchester	3.12 kg	4 Internal	\$1476
Remington 721A	.280 Remington	3.17 kg	4 Internal	\$1535
Remington 721A	.30-06 Springfield	3.32 kg	4 Internal	\$1728
Remington 721A Magnum	.300 H&H Magnum	3.66 kg	4 Internal	\$2428

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 721A (.270)	BA	4	2-3-Nil	7	5	Nil	69
Remington 721A (.280)	BA	4	2-3-Nil	7	5	Nil	70
Remington 721A (.30-06)	BA	4	2-3-Nil	8	5	Nil	78
Remington 721A Magnum	BA	5	1-2-3	8	5	Nil	82

Remington 722A

Notes: This is a Model 721A designed for smaller cartridges. It is otherwise the same as the Remington 721A, including having deluxe versions, except for the .222 Remington chambering, which has a 26-inch barrel and a 5-round magazine.

Weapon	Ammunition	Weight	Magazines	Price
Remington 722A	.222 Remington	3.56 kg	5 Internal	\$817
Remington 722A	.243 Winchester	3 kg	4 Internal	\$1017
Remington 722A	6mm Remington	3.07 kg	4 Internal	\$1083
Remington 722A	.257 Roberts	3.17 kg	4 Internal	\$1181
Remington 722A	.300 Savage	3.37 kg	4 Internal	\$1365
Remington 722A	7.62mm NATO	3.45 kg	4 Internal	\$1447

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 722A (.222)	BA	3	1-Nil	7	3	Nil	85
Remington 722A (.243)	BA	3	2-Nil	7	3	Nil	74
Remington 722A (6mm)	BA	3	2-Nil	7	4	Nil	69
Remington 722A (.257)	BA	4	2-Nil	7	4	Nil	73
Remington 722A (.300)	BA	4	2-3-Nil	7	5	Nil	88
Remington 722A (7.62mm)	BA	4	2-3-Nil	7	5	Nil	89

Remington 725ADL

Notes: This variant of the Model 721 was built only in the "ADL" format, i.e., in a deluxe format using an improved stock with a Monte Carlo comb and ramp-style rear sights, and contrasting woods. The Model 725ADL is built largely for standard rounds, except for the Kodiak variant, which is built for powerful Magnum chamberings. The Kodiak also is equipped with a muzzle brake and a recoil



pad, as well as a 26" barrel.

Weapon	Ammunition	Weight	Magazines	Price
Remington 725ADL	.222 Remington	2.87 kg	4 Internal	\$777
Remington 725ADL	.243 Winchester	3.12 kg	4 Internal	\$997
Remington 725ADL	6mm Remington	3.19 kg	4 Internal	\$1063
Remington 725ADL	.270 Winchester	3.72 kg	4 Internal	\$1456
Remington 725ADL	.280 Remington	3.78 kg	4 Internal	\$1515
Remington 725ADL	.30-06 Springfield	3.97 kg	4 Internal	\$1708
Remington 725ADL Kodiak	.375 H&H Magnum	5.27 kg	4 Internal	\$3399
Remington 725ADL Kodiak	.458 Winchester Magnum	5.85 kg	4 Internal	\$4159

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 725ADL (.222)	BA	3	1-Nil	6	3	Nil	71
Remington 725ADL (.243)	BA	3	2-Nil	7	3	Nil	65
Remington 725ADL (6mm)	BA	3	2-Nil	7	3	Nil	60
Remington 725ADL (.270)	BA	4	2-3-Nil	7	4	Nil	60
Remington 725ADL (.280)	BA	4	2-3-Nil	7	4	Nil	62
Remington 725ADL (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
Remington 725ADL Kodiak (.375)	BA	7	1-3-5	9	5	Nil	112
Remington 725ADL Kodiak (.458)	BA	8	1-3-5	9	5	Nil	122

Remington 770

Notes: The Model 770 was designed to be an improved version of the Model 710, which also makes the Model 770 a more economical (in real-life prices) of the Model 700. The Model 710 suffered from performance issues, and harsh criticism because of it. Sales of the Model 710 fell off quickly. Though most of the parts that failed were replaced by steel, the Model 770 is still essentially a redesigned Model 710.

The Model 770 is equipped with synthetic furniture of carbon/fiberglass. Like many such hunting rifles these days, the Model 770 used a pistol grip wrist. The stock can be molded in black or Realtree Camouflage pattern; the butt has a rubber recoil pad. The stock is light alloy-reinforced, increasing strength at the cost of higher weight. Atop the receiver is a Weaver rail for mounting optics; the M-770 has no iron sights. Coming from the factory, the M-770 has a scope already mounted (and included in the price of the rifle below); this is a 3-9x40 scope. Critical parts of the action have been replaced by steel parts, but other non-critical parts of the action are still plastic or polymer. Because of this, many shooters are still wary of the Model 770. And there are complaints about performance of the Model 770 – most notably about bolt handles breaking off when the bolt is pulled to the rear. The trigger pull tends to be rough and the new action can feel a bit sticky and awkward. Sometimes time and use breaks the action and trigger pack in; other times, parts just break or the weapon never becomes better in operation. However, opinions of the Model 770 vary wildly; many reviews rate it as a solid and accurate rifle, while others rate it as junk.

The barrel is a utilitarian barrel, other than being made from stainless steel. Barrels can be 22 or 24 inches.

Twilight 2000 Notes: The Model 770 does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 770 (22" Barrel)	.243 Winchester	3.86 kg	4	\$1293
Remington 770 (24" Barrel)	.243 Winchester	3.93 kg	4	\$1313
Remington 770 (22" Barrel)	7mm-08 Remington	4.11 kg	4	\$1565
Remington 770 (24" Barrel)	7mm-08 Remington	4.18 kg	4	\$1586
Remington 770 (22" Barrel)	7mm Remington Magnum	4.31 kg	3	\$1797
Remington 770 (24" Barrel)	7mm Remington Magnum	4.38 kg	3	\$1817
Remington 770 (22" Barrel)	7.62mm NATO	4.25 kg	4	\$1729
Remington 770 (24" Barrel)	7.62mm NATO	4.33 kg	4	\$1750
Remington 770 (22" Barrel)	.300 Winchester Magnum	4.88 kg	3	\$2415
Remington 770 (24" Barrel)	.300 Winchester Magnum	4.97 kg	3	\$2606

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 770 (.243, 22")	BA	3	2-Nil	6	2	Nil	66
Remington 770 (.243, 24")	BA	3	2-Nil	7	2	Nil	75
Remington 770 (7mm-08, 22")	BA	4	2-3-Nil	7	3	Nil	77
Remington 770 (7mm-08, 24")	BA	4	2-3-Nil	7	3	Nil	88
Remington 770 (7mm Mag, 22")	BA	4	1-2-3	7	3	Nil	76
Remington 770 (7mm Mag, 24")	BA	4	1-2-3	7	3	Nil	87
Remington 770 (7.62mm NATO, 22")	BA	4	2-3-Nil	7	3	Nil	79
Remington 770 (7.62mm NATO, 24")	BA	4	2-3-Nil	7	3	Nil	90
Remington 770 (.300 Mag, 22")	BA	5	2-3-Nil	7	3	Nil	78
Remington 770 (.300 Mag, 24")	BA	5	2-3-Nil	7	3	Nil	90

Remington 788

Notes: This rifle was designed to be inexpensive and easy to shoot and maintain. The rifle centered around a common action and stock, but with different magazines for different calibers. And the calibers were sometimes strange for a bolt-action rifle. It was not considered an attractive weapon and didn't really sell very well, though it was inexpensive. The barrel was normally 22 inches, but the .222 Remington and .22-250 Remington chamberings used a 24-inch barrel.

Weapon	Ammunition	Weight	Magazines	Price
Remington 788	.222 Remington	3.28 kg	4	\$791
Remington 788	5.56mm NATO	3.26 kg	4	\$790
Remington 788	.22-250 Remington	3.38 kg	3	\$857
Remington 788	6mm Remington	3.66 kg	3	\$1057
Remington 788	.30-30 Winchester	4.17 kg	3	\$1433
Remington 788	7.62mm NATO	4.16 kg	3	\$1421
Remington 788	.44 Magnum	3.13 kg	3	\$565

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 788 (.222)	BA	3	1-Nil	6	3	Nil	78
Remington 788 (5.56mm)	BA	3	1-Nil	6	3	Nil	70
Remington 788 (.22-250)	BA	3	1-Nil	7	3	Nil	73
Remington 788 (6mm)	BA	3	2-Nil	6	3	Nil	60
Remington 788 (.30-30)	BA	4	2-3-Nil	7	4	Nil	79
Remington 788 (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
Remington 788 (.44)	BA	4	1-Nil	6	3	Nil	68

Remington 798/799

Notes: The Remington 798 and 799 are essentially long and short-action versions of the same rifle. Sometimes referred to as "Remington's Mausers" since they use a modern version of the classic Mauser 98 action. However, these two rifles both use thumb safeties instead of the Mauser wing safety, a smaller gas deflection flange (possible due to advancements in propellant since Karl Mauser designed the Model 98), and while there are dual front locking lugs, there is no rear lug. The Model 798 and 799 also use a Sako-style extractor instead of a Mauser-type extractor. Other features common to both rifles include steel metalwork which is stronger than the average rifle, and laminated American walnut stocks with checkering on the pistol grip wrist and fore-end. Neither has any iron sights; both are drilled and tapped for sight bases.

The Model 798 is the long-action model, using a 22-inch barrel for the non-magnum calibers, 24 inches for 7mm Remington Magnum and .300 Winchester Magnum, and 26 inches for .375 H&H Magnum and .458 Winchester Magnum. The Model 798 has a thick recoil pad on the stock. The bolt is heavier and the rifle a bit longer, but it is otherwise the same as the Model 799.

Model 799s all have 20-inch barrels, and their recoil pads are not quite as thick. The bolt and receiver are also not as heavy-duty, since they do not have to take the more powerful cartridges of the Model 798.

Twilight 2000 Notes: These rifles do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 798	.243 Winchester	3.18 kg	5 Internal	\$1067
Remington 798	.270 Winchester	3.45 kg	5 Internal	\$1526
Remington 798	7mm Remington Magnum	3.48 kg	4 Internal	\$1585
Remington 798	7.62mm NATO	3.43 kg	5 Internal	\$1497
Remington 798	.30-06 Springfield	3.57 kg	5 Internal	\$1778
Remington 798	.300 Winchester Magnum	3.69 kg	4 Internal	\$2363
Remington 798	.375 H&H Magnum	4.08 kg	4 Internal	\$3369
Remington 798	.458 Winchester Magnum	4.31 kg	4 Internal	\$4129

Remington 799	.22 Hornet	2.95 kg	5 Internal	\$729
Remington 799	.222 Remington	3.02 kg	5 Internal	\$826
Remington 799	5.56mm NATO	3.03 kg	5 Internal	\$845
Remington 799	.22-250 Remington	3.06 kg	5 Internal	\$892
Remington 799	7.62mm Kalashnikov	3.27 kg	5 Internal	\$1209

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 798 (.243)	BA	3	2-Nil	6	3	Nil	65
Remington 798 (.270)	BA	4	2-3-Nil	7	4	Nil	60
Remington 798 (7mm)	BA	4	1-2-3	7	4	Nil	86
Remington 798 (7.62mm NATO)	BA	4	2-3-Nil	7	4	Nil	79
Remington 798 (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
Remington 798 (.300)	BA	5	2-3-Nil	7	4	Nil	89
Remington 798 (.375)	BA	7	1-3-5	8	5	Nil	112
Remington 798 (.458)	BA	8	1-3-5	8	5	Nil	122
Remington 799 (.22)	BA	3	1-Nil	6	3	Nil	64
Remington 799 (.222)	BA	3	1-Nil	6	3	Nil	63
Remington 799 (5.56mm)	BA	3	1-Nil	6	3	Nil	61
Remington 799 (.22-250)	BA	3	1-Nil	6	3	Nil	56
Remington 799 (7.62mm Kalashnikov)	BA	4	2-3-Nil	6	4	Nil	66

Remington Five

Notes: The Model Five (also called by many, incorrectly, the Model 5) is a newer bolt-action rimfire rifle introduced in late 2006. Though the action and barrel are actually produced in Serbia, the stock is of American hardwood made by Remington, and the entire rifle is finished and assembled in the US. The Model Five is designed for both beginning shooters and advanced shooters interested in varmint hunting or just plinking.

The Model Five lacks many of the refinements of other rimfire bolt-action rifles; then again, it also lacks the (real-life) price of most of its peers. The action is simple, with a single set of locking lugs and a short bolt throw. The stock is of laminated hardwood, checkered on the pistol grip wrist and fore-end. The Model Five is magazine-fed, with the magazine almost flush with the receiver when loaded into the rifle. The barrel is floating, tapered, and 22 inches long (16.5 inches on the Youth Model). The rear sight is a folding type fully adjustable for windage and elevation, while the front sight is a hooded ramped bead; the receiver is also grooved for a scope mount. Most of the metalwork is finished in a deeply-polished blue. Though versions exist for both .22 Long Rifle and .22 Winchester Rimfire Magnum, Remington recommends that hotloads and most wildcat loads not be fired from the Model Five.

Twilight 2000 Notes: The Model Five does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington Five	.17 Hornady Magnum Rimfire	3.06 kg	5	\$291
Remington Five	.22 Long Rifle	3.06 kg	5	\$290
Remington Five	.22 Winchester Magnum Rimfire	3.14 kg	5	\$321
Youth Model	.22 Long Rifle	2.49 kg	5	\$236

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington Five (.17)	BA	2	1-Nil	5	1	Nil	65
Remington Five (.22 Long Rifle)	BA	1	Nil	5	1	Nil	50
Remington Five (.22 Magnum)	BA	1	Nil	5	1	Nil	65
Youth Model	BA	1	Nil	4	1	Nil	40

Remington Nylon 11

Notes: After the success of the Nylon 66, Remington produced the Nylon 11. This is a magazine-fed version of the single-shot Model 33, and features a one-piece molded stock that was, again, very advanced for its time. The Nylon 12 is similar, but is fed by a tubular underbarrel magazine. Note that unlike many such rifles, the Nylon 11 and Nylon 12 cannot interchange cartridge types.

Weapon	Ammunition	Weight	Magazines	Price
Nylon 11	.22 Short	2.07 kg	6, 10	\$259
Nylon 11	.22 Long	2.08 kg	6, 10	\$264
Nylon 11	.22 Long Rifle	2.09 kg	6, 10	\$270
Nylon 12	.22 Short	2.09 kg	22 Tubular	\$259
Nylon 12	.22 Long	2.1 kg	19 Tubular	\$265
Nylon 12	.22 Long Rifle	2.1 kg	15 Tubular	\$271

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Nylon 11/12 (.22 Short)	BA	-2	Nil	5	1	Nil	36
Nylon 11/12 (.22 Long)	BA	1	Nil	5	1	Nil	40
Nylon 11/12 (.22 Long Rifle)	BA	1	Nil	5	1	Nil	44

Remington Seven

Notes: The Remington Seven (that's "Seven," not "7") is basically a carbine version of the Remington 700, built to cash in on the sales of short-barreled "brush guns." It was introduced in 1983. The barrel is very short, especially considering some of the rounds it fires, but it is free-floating and capable of decent accuracy. Most of the chamberings for the standard version were introduced with the rifle, but the .17 Remington chambering was not used until 1993, and the 6.5-08 chambering in 1997.

Variants include the Model Seven KS, introduced in 1987, with a Kevlar stock, longer 20-inch barrel, and a different cartridge mix. At first, the Model Seven KS was available with a camouflage finish, but after 1995 it was available only with a gray stock. The 6.5-08 chambering for the Model Seven KS was not available until 1998. The Model Seven Custom MS also has a 20-inch barrel, a Mannlicher hardwood stock, and the widest variety of cartridges. The rear sight is an adjustable leaf sight and the front sight is a protected bead-type. The Model Seven SS (Stainless Synthetic) has a black high-impact plastic stock and no iron sights (but it is drilled and tapped for a scope mount. The 5.56mm and 6.5-08 chamberings were not introduced until 1997, but the Stainless Synthetic itself was introduced in 1994.

In 2002 three more versions of the Model Seven were introduced: The Model Seven SS Magnum, the Model LS Magnum, and the Model Seven AWR. These three rifles are basically identical, and are chambered in two of the new Short-Action UltraMag calibers. The Model Seven SS Magnum uses a 22-inch stainless steel barrel, a stainless steel receiver, and a black high-impact stock; it has no iron sights, but is drilled and tapped for a scope mount. The Model Seven LS Magnum uses a laminated hardwood stock, and has both iron sights (adjustable leaf for the rear) and is drilled and tapped for a scope mount. The Model Seven AWR (Alaskan Wilderness Rifle) is virtually identical to the Model Seven SS Magnum, but the metal parts are matte blued, and the stock is made from lighter plastics.

In 2010, the Model Seven product line was updated to include the Model Seven Synthetic, the Model Seven Synthetic Compact, the Model Seven CDL, and the Model Seven Predator.

The current Model Seven Synthetic has a somewhat more compact design, being over 6 centimeters shorter than the previous iteration of the Model Seven Synthetic. The black stock remains, but is now made of a Nylon/Kevlar composite, and the butt has a Super-Cell recoil pad. The Model Seven Synthetic uses a 20-inch barrel; the Compact version has an 18-inch barrel. Both barrels are floating barrels. The metalwork is stainless steel, but finished in black. The action is derived from that of the Model 700, and incorporates its strength and the "three rings of steel" design with the bolt face, barrel, and receiver encasing the cartridge head. The receiver has a more cylindrical design and is joined directly to the barrel. The mix of chamberings is different.

The Model Seven CDL is perhaps the most flexible of the new Model Sevens; it originally fired 16 Chamberings, though as of the time I write this (late November of 2001, nine chamberings have been discontinued; these include .17 Remington Fireball, .204 Ruger, 5.56mm NATO, .22-250 Remington, 6.8mm SPC, 7mm SAUM, 7mm-08 Remington, .300 WSM, and .350 Remington Magnum (this was later reinstated with a shorter barrel). All chamberings, however, are represented below. Magnum rounds use a 22-inch heavy floating barrel, except for later iterations of the .350 Remington Magnum, which has a 20-inch heavy floating barrel. Other chamberings use a 20-inch floating barrel. Unusually for the new models, the CDL used select walnut furniture, sealed against weather and abuse with, amongst other things, a polyurethane coating.

The Model Seven Predator is of similar construction to the Model Seven Synthetic, but the Predator has a heavy profile, floating barrel that is fluted to reduce weight and to increase cooling area over the barrel; incidentally cutting down sighting mirages and haze. The barrel is also longer than the Model Seven Synthetic at 22 inches. The Predator uses the X-Mark Pro Trigger Pack, which has a factory-set pull weight of 3.5 pounds and is user-adjustable two pounds heavier or lighter, potentially providing an extra measure of safety or turning the Predator into a hair-trigger rifle. The X-Mark Trigger Pack is made from stainless steel polished to a mirror-like finish, contributing to its smoothness. Of course, the most obvious recognition feature is its stock/furniture and most of the external metalwork – the stock/furniture has a molded-in Mossy Oak Brush camouflage pattern, and most of the external metalwork is also finished in the same pattern. Only the bolt handle, rear of the bolt, and the rubber butt pad break this pattern, being matte black. Even the trigger guard and trigger are finished in matte black over its stainless steel (and for that matter, most of the metalwork of the Predator is stainless steel under its finish). It should be noted that the .17 Remington Fireball and .204 Ruger chamberings were discontinued after a relatively short production run.

Twilight 2000 Notes: The Model Seven SS Magnum, Model Seven LS Magnum, and Model Seven AWR do not exist in the Twilight 2000 timeline. The 6.5-08 A-Square chamberings also do not exist, and the Model Seven SS does not have a 5.56mm chambering. The new Model Seven Synthetic, Model Seven Synthetic Compact, Model Seven CDL, and Model Seven Predator also do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington Seven	.17 Remington	2.15 kg	5 Internal	\$536
Remington Seven	.222 Remington	2.39 kg	5 Internal	\$736
Remington Seven	5.56mm NATO	2.41 kg	5 Internal	\$755
Remington Seven	.243 Winchester	2.62 kg	4 Internal	\$957
Remington Seven	6mm Remington	2.69 kg	4 Internal	\$1022



Remington Seven	6.5-0 A-Square	3.15 kg	4 Internal	\$1288
Remington Seven	7mm-08 Remington	2.89 kg	4 Internal	\$1225
Remington Seven	7.62mm NATO	3.16 kg	4 Internal	\$1387
Remington Seven KS	5.56mm NATO	2.32 kg	5 Internal	\$782
Remington Seven KS	6.5-08 A-Square	2.69 kg	4 Internal	\$1313
Remington Seven KS	7mm-08 Remington	2.63 kg	4 Internal	\$1254
Remington Seven KS	7.62mm NATO	2.8 kg	4 Internal	\$1416
Remington Seven KS	.35 Remington	3.24 kg	4 Internal	\$2166
Remington Seven KS	.350 Remington Magnum	3.35 kg	4 Internal	\$2365
Remington Seven Custom MS	.222 Remington	2.53 kg	5 Internal	\$751
Remington Seven Custom MS	5.56mm NATO	2.55 kg	5 Internal	\$770
Remington Seven Custom MS	.22-250 Remington	2.61 kg	5 Internal	\$817
Remington Seven Custom MS	6mm Remington	2.85 kg	4 Internal	\$1038
Remington Seven Custom MS	6.5-08 A-Square	2.96 kg	4 Internal	\$1303
Remington Seven Custom MS	.250 Savage	2.81 kg	4 Internal	\$1004
Remington Seven Custom MS	.257 Roberts	2.95 kg	4 Internal	\$1135
Remington Seven Custom MS	7mm-08 Remington	3.06 kg	4 Internal	\$1240
Remington Seven Custom MS	7.62mm NATO	3.35 kg	4 Internal	\$1402
Remington Seven Custom MS	.35 Remington	3.77 kg	4 Internal	\$2156
Remington Seven Custom MS	.350 Remington Magnum	3.9 kg	4 Internal	\$2355
Remington Seven SS	5.56mm NATO	2.32 kg	5 Internal	\$782
Remington Seven SS	.243 Winchester	2.52 kg	4 Internal	\$982
Remington Seven SS	6.5-08 A-Square	2.69 kg	4 Internal	\$1313
Remington Seven SS	7mm-08 Remington	2.63 kg	4 Internal	\$1254
Remington Seven SS	7.62mm NATO	2.8 kg	4 Internal	\$1416
Remington Seven SS Magnum	7mm Remington Short-Action UltraMag	3.18 kg	3 Internal	\$1268
Remington Seven SS Magnum	.300 Remington Short-Action UltraMag	3.36 kg	3 Internal	\$1435
Remington Seven LS Magnum	7mm Remington Short-Action UltraMag	3.3 kg	3 Internal	\$1258
Remington Seven LS Magnum	.300 Remington Short-Action UltraMag	3.49 kg	3 Internal	\$1425
Remington Seven AWR	7mm Remington Short-Action UltraMag	2.7 kg	3 Internal	\$1268
Remington Seven AWR	.300 Remington Short-Action UltraMag	2.85 kg	3 Internal	\$1435
Remington Seven Synthetic	5.56mm NATO	2.95 kg	4 Internal	\$861
Remington Seven Synthetic	.243 Winchester	3.1 kg	4 Internal	\$1063
Remington Seven Synthetic	6.5-08 A-Square	3.33 kg	4 Internal	\$1395
Remington Seven Synthetic	7mm-08 Remington	3.29 kg	4 Internal	\$1333
Remington Seven Synthetic	7.62mm NATO	3.4 kg	4 Internal	\$1494
Remington Seven Synthetic	.243 Winchester	2.78 kg	4 Internal	\$1043
Remington Seven Synthetic Compact				
Remington Seven Synthetic Compact	7mm-08 Remington	2.95 kg	4 Internal	\$1312
Remington Seven CDL	.17 Remington Fireball	2.95 kg	4 Internal	\$554
Remington Seven CDL	.204 Ruger	3.15 kg	4 Internal	\$777
Remington Seven CDL	5.56mm NATO	3.21 kg	4 Internal	\$850
Remington Seven CDL	.22-250 Remington	3.28 kg	4 Internal	\$897
Remington Seven CDL	.243 Winchester	3.39 kg	4 Internal	\$1052
Remington Seven CDL	6.5-08 A-Square	3.6 kg	4 Internal	\$1383
Remington Seven CDL	6.8mm SPC	3.44 kg	4 Internal	\$1091
Remington Seven CDL	7mm-08 Remington	3.59 kg	4 Internal	\$1320
Remington Seven CDL	7.62mm NATO	3.68 kg	4 Internal	\$1482
Remington Seven CDL Magnum	.270 Winchester Short Magnum	3.6 kg	4 Internal	\$1322
Remington Seven CDL Magnum	7mm Remington Short-Action Ultra Mag	3.61 kg	4 Internal	\$1339
Remington Seven CDL Magnum	.300 Winchester Short Magnum	3.73 kg	4 Internal	\$1556
Remington Seven CDL Magnum (22" Barrel)	.350 Remington Magnum	4.06 kg	4 Internal	\$2501
Remington Seven CDL Magnum (20" Barrel)	.350 Remington Magnum	4.04 kg	4 Internal	\$2439
Remington Seven Predator	.17 Remington Fireball	3.18 kg	4 Internal	\$589
Remington Seven Predator	.204 Ruger	3.4 kg	4 Internal	\$812
Remington Seven Predator	5.56mm NATO	3.46 kg	4 Internal	\$874
Remington Seven Predator	.22-250 Remington	3.54 kg	4 Internal	\$932

Remington Seven Predator	.243 Winchester	3.66 kg	4 Internal	\$1088
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Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington Seven (.17)	BA	2	1-Nil	5	2	Nil	41
Remington Seven (.222)	BA	3	1-Nil	6	3	Nil	56
Remington Seven (5.56mm)	BA	3	1-Nil	6	3	Nil	54
Remington Seven (.243)	BA	3	2-Nil	6	4	Nil	51
Remington Seven (6mm)	BA	3	2-Nil	6	4	Nil	46
Remington Seven (6.5mm)	BA	4	2-Nil	6	4	Nil	45
Remington Seven (7mm-08)	BA	4	2-Nil	6	5	Nil	59
Remington Seven (7.62mm)	BA	4	2-3-Nil	6	5	Nil	61
Remington Seven KS (5.56mm)	BA	3	1-Nil	6	4	Nil	61
Remington Seven KS (6.5-08)	BA	4	1-2-Nil	6	5	Nil	61
Remington Seven KS (7mm-08)	BA	4	2-3-Nil	6	5	Nil	67
Remington Seven KS (7.62mm)	BA	4	2-3-Nil	6	5	Nil	68
Remington Seven KS (.35)	BA	5	2-3-Nil	7	5	Nil	68
Remington Seven KS (.350)	BA	6	1-2-3	7	5	Nil	82
Remington Seven Custom MS (.222)	BA	3	1-Nil	6	3	Nil	63
Remington Seven Custom MS (5.56mm)	BA	3	1-Nil	6	3	Nil	61
Remington Seven Custom MS (.22-250)	BA	3	1-Nil	6	3	Nil	56
Remington Seven Custom MS (6mm)	BA	3	2-Nil	6	3	Nil	52
Remington Seven Custom MS (6.5-08)	BA	4	1-2-Nil	6	5	Nil	61
Remington Seven Custom MS (.250)	BA	3	2-Nil	6	4	Nil	64
Remington Seven Custom MS (.257)	BA	3	2-Nil	6	5	Nil	55
Remington Seven Custom MS (7mm-08)	BA	4	2-Nil	6	5	Nil	67
Remington Seven Custom MS (7.62mm)	BA	4	2-3-Nil	6	5	Nil	68
Remington Seven Custom MS (.35)	BA	5	2-3-Nil	7	5	Nil	68
Remington Seven Custom MS (.350)	BA	6	1-2-3	7	5	Nil	82
Remington Seven SS (5.56mm)	BA	3	1-Nil	6	4	Nil	61
Remington Seven SS (.243)	BA	3	2-Nil	6	4	Nil	57
Remington Seven SS (6.5-08)	BA	4	1-2-Nil	6	5	Nil	61
Remington Seven SS (7mm-08)	BA	4	2-3-Nil	6	5	Nil	67
Remington Seven SS (7.62mm)	BA	4	2-3-Nil	6	5	Nil	68
Remington Seven SS Magnum (7mm SAUM)	BA	4	1-2-3	7	5	Nil	92
Remington Seven SS Magnum (.300 SAUM)	BA	5	1-2-3	7	5	Nil	95
Remington Seven LS Magnum (7mm SAUM)	BA	4	1-2-3	7	5	Nil	92
Remington Seven LS Magnum (.300 SAUM)	BA	5	1-2-3	7	5	Nil	95
Remington Seven AWR (7mm SAUM)	BA	4	1-2-3	7	5	Nil	92
Remington Seven AWR (.300 SAUM)	BA	5	1-2-3	7	5	Nil	95
Remington Seven Synthetic (5.56mm)	BA	3	1-Nil	6	3	Nil	63
Remington Seven Synthetic (.243)	BA	3	2-Nil	6	3	Nil	59
Remington Seven Synthetic (6.5-08)	BA	4	1-2-Nil	6	4	Nil	63
Remington Seven Synthetic (7mm-08)	BA	4	2-3-Nil	6	4	Nil	69
Remington Seven Synthetic (7.62mm)	BA	4	2-3-Nil	7	4	Nil	71
Remington Seven Synthetic Compact (.243)	BA	3	2-Nil	6	3	Nil	50
Remington Seven Synthetic Compact (7mm-08)	BA	4	2-Nil	6	4	Nil	59
Remington Seven CDL (.17 Fireball)	BA	2	1-1-Nil	6	1	Nil	67
Remington Seven CDL (.204)	BA	3	1-Nil	6	2	Nil	55
Remington Seven CDL (5.56mm)	BA	3	1-Nil	6	2	Nil	63
Remington Seven CDL (.22-250)	BA	3	1-Nil	6	2	Nil	58
Remington Seven CDL (.243)	BA	3	2-Nil	6	3	Nil	59
Remington Seven CDL (6.5-08)	BA	4	1-2-Nil	6	4	Nil	63
Remington Seven CDL (6.8mm)	BA	3	1-2-Nil	6	4	Nil	85
Remington Seven CDL (7mm-08)	BA	4	2-3-Nil	6	4	Nil	69
Remington Seven CDL (7.62mm)	BA	4	2-3-Nil	7	4	Nil	71
Remington Seven CDL (.270 WSM)	BA	4	1-2-3	7	4	Nil	91
Remington Seven CDL (7mm RSAUM)	BA	4	1-2-3	7	4	Nil	96



Remington Seven CDL (.300 WSM)	BA	5	1-2-3	7	4	Nil	98
Remington Seven CDL (.350 Magnum, 22")	BA	6	1-3-Nil	7	5	Nil	98
Remington Seven CDL (.350 Magnum, 20")	BA	6	1-3-Nil	7	5	Nil	85
Remington Seven Predator (.17 Fireball)	BA	2	1-1-Nil	6	1	Nil	75
Remington Seven Predator (.204)	BA	3	1-Nil	6	2	Nil	65
Remington Seven Predator (5.56mm)	BA	3	1-Nil	6	2	Nil	73
Remington Seven Predator (.22-250)	BA	3	1-Nil	6	2	Nil	68
Remington Seven Predator (.243)	BA	3	2-Nil	7	3	Nil	69

Rhineland Arms Enfield .45 ACP

Notes: This is conversion of the old Enfield No. 1, No. 4, No.5, or Indian Enfield rifles into a .45 ACP-firing carbine. The conversion consists of a new barrel, magazine adapter to take a removable M-1911-type magazine, and appropriate modifications to the receiver and action. This is not as easy as it sounds, because the receiver and barrel threads are practically cold-welded together by this point in time. Rhineland modifies the rifles themselves, and also sells kits so that a customer may do the modification on his own. The magazine, when adapted, will take eight rounds, but Rhineland recommends not loading more than seven rounds for reliability. The bolt must be opened smartly between shots, or the spent casing will fall back into the action.

Twilight 2000 Notes: This carbine does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Enfield .45 ACP	.45 ACP	3.52 kg	8	\$436
Modification Kit	N/A	1.86 kg	N/A	\$150

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Enfield .45 ACP	BA	2	1-Nil	5	2	Nil	43

Ruger 77/22

Notes: This is a well-made and popular hunting rifle found all over North America and Europe. It was introduced in 1984, and is sort of a smaller cousin to the centerfire M-70 rifle. At the time of its introduction, the 77/22 was available with a folding rear adjustable leaf sight and a front sight protected with a tunnel (the model 77/22RS) and with no iron sights, but drilled and tapped for a scope (the model 77/22R). Later, a third type, the model 77/22S, used an open front sight bead. (All these are identical for game purposes.) The barrel is 22 inches long, and the metalwork is blued. In 1989, weatherproof versions appeared, with stainless steel metalwork and black Zytel stocks; these are the K-77/22R without sights, and the K-77/22RS with sights. This rifle has a similar accessory story to the 10/22 Carbine, and is also sometimes used with a silencer.

In 1990, Ruger brought out a magnum version of the 77/22; this is basically identical to the standard 77/22, except for changes to the magazine and changes to the sights necessary for the different cartridge, and is called the 77/22RM. A weatherproof version of this rifle also exists, with stainless steel metalwork and a Zytel stock, the K-77/22RMP.

In 1991 a version of the 77/22 without iron sights (but drilled and tapped for a scope), and with a Zytel stock was introduced (the 77/22RP). Another version, the 77/22RSP, is the same but does have iron sights, and also has mounting rings for a scope. Stainless steel weatherproof versions were also introduced at the same time. These models are identical to the K-77/22R for game purposes.

In 1992, two new versions in .22 Winchester Magnum Rimfire were introduced, they come in blued steel with a walnut stock with sights and drilled and tapped for a scope (the 77/22RSM) and the same weapon in stainless steel with a Zytel stock (the K-77/22RSM); these are identical to the 77/22RM and K-77/22RMP, respectively, for game purposes. The K-77RMZ is also similar to the K-77/22RMP, but has no iron sights and has mounting rings for a telescopic sight (identical to the K-77/22RMP for game purposes). At the same time, "Varmint" versions appeared (K-77/22VBZ and K-77/22VMB, for .22 Long Rifle and .22 Winchester Magnum Rimfire respectively). This version has stainless steel metalwork, a Zytel stock, and a heavy barrel. The barrel length of these versions were increased to 24 inches in 1998.

In 1995, version of this rifle was introduced firing a light centerfire cartridge, the .22 Hornet. There were three version of this rifle, the 77/22RH, with blued metalwork and a beech stock, no iron sights, and drilled and tapped; the 77/22RSH, with blued metalwork, a rear adjustable leaf sight, and a front sight bead tunnel; and the K-77/22VH, with stainless steel metalwork (with a dull gray finish), a laminated wood stock, no sights, and drilled and tapped. All these rifles are identical for game purposes. As with the "Varmint" models, the K-77/22VH version has its barrel length increased to 24 inches in 1998.

The next new version of the 77/22 came out in 2002. This was another animal, a varmint rifle, plain and simple – firing the .17 Hornady Rimfire Magnum, it is not that effective against much larger targets. Its official company designation is the K-77/17RM. Like many varmint rifles, it has a heavy barrel (24 inches), although what sort of improvement this brings to the accuracy of a small round like the .17 Hornady Magnum Rimfire is questionable. The rifle is not only drilled and tapped for a scope, it comes with Ruger's integral scope-ring system. The rifle also functions well with a suppressor for game culling.

In 2005, a .17 Mach 2 Rimfire chambering was added to the roundup. This version has a 20" heavy barrel, a laminated stock in target grey walnut or brown walnut, and is drilled and tapped for a scope (and comes with Ruger's integral scope-ring system). The metalwork is finished in matte stainless steel. The official company designation is K-77/22RM2

Twilight 2000 Notes: The longer barrel length versions of the K-77/22VBZ, K-77/22VMB, and K-77VH do not exist in the Twilight 2000 timeline, nor does the K-77/17RM or the K-77RM2. The 77/22RSH and K-77/22VH are quite rare.

Weapon	Ammunition	Weight	Magazines	Price
Ruger 77/22	.22 Long Rifle	2.61 kg	10	\$284
Ruger 77/22	.22 Winchester Magnum Rimfire	2.68 kg	9	\$315
Ruger K-77/22	.22 Long Rifle	2.48 kg	10	\$294
Ruger K-77/22	.22 Winchester Magnum Rimfire	2.55 kg	9	\$325
Ruger K-77/22VBZ (22" Barrel)	.22 Long Rifle	3 kg	10	\$300
Ruger K-77/22VBZ (24" Barrel)	.22 Long Rifle	3.09 kg	10	\$320
Ruger K-77/22VMB (22" Barrel)	.22 Winchester Magnum Rimfire	3.02 kg	9	\$331

Ruger K-77/22VMB (24" Barrel)	.22 Winchester Magnum Rimfire	3.11 kg	9	\$351
Ruger 77/22 (22" Barrel)	.22 Hornet	3.24 kg	6	\$674
Ruger 77/22 (24" Barrel)	.22 Hornet	3.33 kg	6	\$694
Ruger K-77/22 (22" Barrel)	.22 Hornet	3.08 kg	6	\$684
Ruger K-77/22 (24" Barrel)	.22 Hornet	3.17 kg	6	\$704
Ruger K-77/17RM	.17 Hornady Magnum Rimfire	3.12 kg	9	\$469
Ruger K-7717RM2	.17 Mach 2 Rimfire	3.29 kg	10	\$329

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ruger 77/22 (.22 Long Rifle)	BA	1	Nil	5	1	Nil	49
Ruger 77/22 (.22 Magnum)	BA	1	Nil	5	1	Nil	63
Ruger K-77/22 (.22 Long Rifle)	BA	1	Nil	5	1	Nil	49
Ruger K-77/22 (.22 Magnum)	BA	1	Nil	5	1	Nil	63
Ruger K-77/22VBZ (22")	BA	1	Nil	5	1	Nil	50
Ruger K-77/22VBZ (24")	BA	1	Nil	6	1	Nil	54
Ruger K-77/22VMB (22")	BA	1	Nil	5	1	Nil	65
Ruger K-77/22VMB (24")	BA	1	Nil	6	1	Nil	72
Ruger 77/22 (22", .22 Hornet)	BA	3	1-Nil	6	3	Nil	71
Ruger 77/22 (24", .22 Hornet)	BA	3	1-Nil	6	3	Nil	78
Ruger K-77/22 (22", .22 Hornet)	BA	3	1-Nil	6	3	Nil	71
Ruger K-77/22 (24", .22 Hornet)	BA	3	1-Nil	6	3	Nil	78
Ruger K-77/17RM	BA	2	1-Nil	6	1	Nil	72
Ruger K-77/17RM2	BA	2	1-Nil	5	1	Nil	51

Ruger 77/44

Notes: This version of the Ruger 77/22 rimfire rifle is designed to fire .44 Magnum rounds. (It is not capable of chambering .44 Special rounds.) Though the barrel is much shorter than the 77/22, it provides acceptable performance for the .44 Magnum round. The changes in the 77/22 to fire the .44 Magnum round were kept to a minimum; this is partially because the standard 77/22 is such a robust rifle that no significant changes were required in materials for the new cartridge. It is a lightweight weapon that provides excellent stopping power. The standard model is the 77/44R; this version has a walnut stock and blued metalwork, and was introduced in 1997. In 1999, an all-weather version similar was brought out, the K-77/44RSP. This version has stainless steel metalwork and a black Zytel stock. It is about 6 1/2 millimeters longer than the 77/44R, but has the same weight and barrel length (18.5 inches). Both versions have an open leaf rear sight and a bead front sight within a tunnel. They are not drilled or tapped for a scope.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Ruger 77/44	.44 Magnum	2.7 kg	4	\$501
Ruger K-77/44RSP	.44 Magnum	2.7 kg	4	\$511

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ruger 77/44	BA	4	1-1-Nil	5	3	Nil	57

Ruger American

The American is one of Ruger's newest offerings (as of the time I write this April 2013). It is rifle designed for good accuracy under normal hunting conditions. The receiver is milled from alloy steel, and the action includes a full-diameter bolt with three locking lugs. The trigger pack is Ruger's own Marksman user-adjustable trigger (adjustable for pull weight), and includes a trigger release lever, with a function similar to that of a set trigger. The stock is black composite with strengthening in strategic areas using wedges of stainless steel, and has a recoil pad. The proprietary rotary magazine is made from polymer. The barrel is 22 inches and cold-hammer forged. The American does not have iron sights, but is drilled and tapped for scope bases.

The Ruger American Rimfire is the same basic rifle, but fires rimfire rounds only. It is otherwise the same as the standard American. The Ruger American Rimfire Compact is also the same as the American Compact, except for the rimfire caliber.

The American Compact is basically the same as the standard American rifle, but with a shorter 18-inch barrel and correspondingly lighter weight and length. Chambering choices are also lesser. The All-Weather Compact is of synthetic furniture, but for game purposes, the same.

The Predator is similar to the standard American, but with polymer furniture, and with different chamberings. The Ranch also is of polymer construction; but comes only in two chamberings and in light alloy or steel metalwork. It has a short 16.12-inch barrel.

The American Magnum is the same rifle as the standard American, but is chambered for long-action magnum rounds and has a 24-inch cold hammer-forged, floating, stainless steel barrel. The muzzle is threaded, and the muzzle cap acts as a target crown. The American Magnum has a Weaver rail atop the rifle for easy scope mounting. It otherwise has the package of a standard Ruger

American.

Weapon	Ammunition	Weight	Magazines	Price
American	.22-250 Remington	2.89 kg	4	\$925
American	.243 Winchester	2.83 kg	4	\$1080
American	.270 Winchester	2.83 kg	4	\$1539
American	7mm-08 Remington	2.89 kg	4	\$1349
American	7.62mm NATO	2.78 kg	4	\$1511
American	.30-06 Springfield	2.83 kg	4	\$1792
American Compact	.243 Winchester	2.72 kg	4	\$1039
American Compact	7mm-08 Remington	2.72 kg	4	\$1308
American Compact	7.62mm NATO	2.72 kg	4	\$1470
American Rimfire	.22 Long Rifle	2.72 kg	10	\$285
American Rimfire	.22 Winchester Magnum Rimfire	2.72 kg	9	\$317
American Rimfire Compact	.22 Long Rifle	2.44 kg	10	\$244
American Rimfire Compact	.22 Winchester Magnum Rimfire	2.44 kg	9	\$275
Predator	.204 Ruger	3 kg	5	\$803
Predator	.22-250 Remington	3 kg	4	\$923
Predator	5.56mm NATO	3 kg	5	\$783
Predator	.243 Winchester	3 kg	4	\$1079
Predator	6.5mm Creedmoor	3 kg	4	\$1163
Predator	7.62mm NATO	3 kg	4	\$1510
Ranch (Steel)	5.56mm NATO	2.77 kg	5	\$817
Ranch (Light Alloy)	5.56mm NATO	2.74 kg	5	\$818
Ranch (Steel)	.300 Blackout	2.7 kg	5	\$1079
Ranch (Light Alloy)	.300 Blackout	2.68 kg	5	\$1081
American Magnum	7mm Remington Magnum	3.4 kg	3	\$1610
American Magnum	.300 Winchester Magnum	3.4 kg	3	\$2413

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
American (.22-250)	BA	3	1-Nil	6	3	Nil	66
American (.243)	BA	3	2-Nil	6	3	Nil	66
American (.270)	BA	4	2-3-Nil	7	4	Nil	61
American (7mm-08)	BA	4	2-3-Nil	7	4	Nil	78
American (7.62mm)	BA	4	2-3-Nil	7	4	Nil	80
American (.30-06)	BA	4	2-3-Nil	7	4	Nil	69
American Compact (.243)	BA	3	2-Nil	6	3	Nil	49
American Compact (7mm-08)	BA	4	2-Nil	6	4	Nil	58
American Compact (7.62mm)	BA	4	2-3-Nil	6	4	Nil	59
American Rimfire	BA	1	Nil	5	1	Nil	49
American Rimfire Magnum)	BA	1	Nil	5	1	Nil	76
American Rimfire Compact	BA	1	Nil	5	1	Nil	41
American Rimfire Compact (Magnum)	BA	1	Nil	5	1	Nil	61
American Predator (.204)	BA	3	1-Nil	6	2	Nil	61
American Predator (.22-250)	BA	3	1-Nil	6	3	Nil	65
American Predator (5.56mm)	BA	3	1-Nil	6	2	Nil	64
American Predator (.243)	BA	3	2-Nil	6	3	Nil	65
American Predator (6.5mm)	BA	3	1-2-Nil	6	3	Nil	91
American Predator (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
American Ranch (5.56mm)	BA	3	1-Nil	5	3	Nil	44
American Ranch (.300)	BA	3	2-Nil	5	4	Nil	49
American Magnum (7mm Magnum)	BA	4	1-2-3	7	4	Nil	92
American Magnum (.300 Magnum)	BA	5	1-2-3	8	4	Nil	96

## Ruger Gunsite Rifle

Notes: Built in cooperation with the Gunsite Range started by Jeff Cooper, the Gunsite Rifle is based on an original design by Cooper in 1983 but built only as a one-off weapon; Cooper never found any company interested in the design until Ruger took it up in 2011. What became the Gunsite Rifle was Cooper's idea of what would later become a well-known type of rifle -- the scout rifle.

According to Cooper's criteria, only the Steyr Scout Rifle was built properly as a scout rifle – until the Ruger Gunsite Rifle was made. Also known as the Ruger Scout, the Gunsite Rifle has a 16.5-inch barrel tipped with a birdcage-type flash suppressor and of medium-heavy weight. Though Cooper felt other chamberings could be applied to a scout rifle, he felt that 7.62mm NATO (.308 Winchester) was the best chambering for this type of rifle. Ruger has the receiver drilled and tapped for scope rings; these are not only in the usual places, but forward for a scope in the scout position (forward of the receiver, with a long sight line for both-eyes-open sighting) or to allow the mounting of a Weaver or MIL-STD-1913 rail. The iron sights are the same adjustable ghost ring rear and post front found on the Mini-14. The stock is of laminated hardwood with an adjustable LOP by the insertion of spacers.

Writer and gun expert Dave Anderson used the Gunsite Rifle as a modern take on a World War 2 carbine. The barrel is lengthened to 18.5 inches, and tipped with a conical flash suppressor. Sights were retained in the scout position. It also retains the Picatinny rail, and therefore can mount any sort of optic or accessory. The rail extends all the way down the handguard. It is generally considered to be too large to be a scout rifle. It is otherwise like the Gunsite Rifle.

Weapon	Ammunition	Weight	Magazines	Price
Gunsite Rifle	7.62mm NATO	3.18 kg	5, 10	\$1378
Gunsite Scout	7.62mm NATO	3.43 kg	5, 10	\$1015

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Gunsite Rifle	BA	4	2-3-Nil	7	4	Nil	52
Gunsite Scout	BA	4	2-3-Nil	7	4	Nil	55

## Ruger M-70 Mk I

Notes: This is a heavy bolt-action American-made hunting rifle. The Model 77 is not as well known as many other rifles but nevertheless it is still a solid piece of work. It was introduced in 1968, and built until 1989, but sold until 1990. It was initially available in 6mm, .22-550, .220, .243, and .250 Savage, but more calibers were introduced over the years. The .280 version was not available until 1978, and the .257 Roberts and 7mm-08 versions were not available until 1989. The .250 Savage version was removed in 1979, replaced by the 7.62mm NATO model; .358 Winchester and .458 Winchester models were taken out of production in 1989, as was the 6mm version.

The .458 Lott version is a special model designed specifically to fire the .458 Lott cartridge; it is available only in one barrel length (23 inches).

Weapon	Ammunition	Weight	Magazines	Price
M-70 Mk I (22" Barrel)	.22-250 Remington	2.29 kg	5 Internal	\$840
M-70 Mk I (24" Barrel)	.22-250 Remington	2.5 kg	5 Internal	\$860
M-70 Mk I (22" Barrel)	.220 Swift	2.43 kg	5 Internal	\$931
M-70 Mk I (24" Barrel)	.220 Swift	2.65 kg	5 Internal	\$951
M-70 Mk I (22" Barrel)	5.56mm NATO	2.25 kg	5 Internal	\$793
M-70 Mk I (24" Barrel)	5.56mm NATO	2.46 kg	5 Internal	\$814
M-70 Mk I (22" Barrel)	6mm Remington	2.65 kg	5 Internal	\$1065
M-70 Mk I (24" Barrel)	6mm Remington	2.9 kg	5 Internal	\$1085
M-70 Mk I (22" Barrel)	.243 Winchester	2.54 kg	5 Internal	\$996
M-70 Mk I (24" Barrel)	.243 Winchester	2.78 kg	5 Internal	\$1016
M-70 Mk I (22" Barrel)	.250 Savage	2.67 kg	5 Internal	\$1025
M-70 Mk I (24" Barrel)	.250 Savage	2.92 kg	5 Internal	\$1045
M-70 Mk I (22" Barrel)	.257 Roberts	2.78 kg	5 Internal	\$1160
M-70 Mk I (24" Barrel)	.257 Roberts	3.03 kg	5 Internal	\$1181
M-70 Mk I (22" Barrel)	.25-06 Remington	2.94 kg	5 Internal	\$1267
M-70 Mk I (24" Barrel)	.25-06 Remington	3.21 kg	5 Internal	\$1288
M-70 Mk I (22" Barrel)	.270 Winchester	3.22 kg	5 Internal	\$1457
M-70 Mk I (24" Barrel)	.270 Winchester	3.51 kg	5 Internal	\$1477
M-70 Mk I (22" Barrel)	7mm Mauser	3.09 kg	5 Internal	\$1366
M-70 Mk I (24" Barrel)	7mm Mauser	3.37 kg	5 Internal	\$1387
M-70 Mk I (22" Barrel)	.280 Remington	3.31 kg	5 Internal	\$1517
M-70 Mk I (24" Barrel)	.280 Remington	3.61 kg	5 Internal	\$1537
M-70 Mk I (22" Barrel)	7mm-08 Remington	3.08 kg	5 Internal	\$1261
M-70 Mk I (24" Barrel)	7mm-08 Remington	3.36 kg	5 Internal	\$1281
M-70 Mk I (22" Barrel)	7mm Remington Magnum	3.29 kg	5 Internal	\$1496
M-70 Mk I (24" Barrel)	7mm Remington Magnum	3.59 kg	5 Internal	\$1517
M-70 Mk I (22" Barrel)	7.62mm NATO	3.18 kg	5 Internal	\$1428



M-70 Mk I (24" Barrel)	7.62mm NATO	3.47 kg	5 Internal	\$1449
M-70 Mk I (22" Barrel)	.30-06 Springfield	3.6 kg	5 Internal	\$1710
M-70 Mk I (24" Barrel)	.30-06 Springfield	3.92 kg	5 Internal	\$1731
M-70 Mk I (22" Barrel)	.300 Winchester Magnum	3.98 kg	5 Internal	\$2235
M-70 Mk I (24" Barrel)	.300 Winchester Magnum	4.34 kg	5 Internal	\$2296
M-70 Mk I (22" Barrel)	.338 Winchester Magnum	4.3 kg	5 Internal	\$2458
M-70 Mk I (24" Barrel)	.338 Winchester Magnum	4.7 kg	5 Internal	\$2519
M-70 Mk I (22" Barrel)	.358 Winchester	3.66 kg	5 Internal	\$2283
M-70 Mk I (24" Barrel)	.358 Winchester	4 kg	5 Internal	\$2344
M-70 Mk I African (22" Barrel)	.458 Winchester Magnum	4.99 kg	5 Internal	\$3933
M-70 Mk I African (24" Barrel)	.458 Winchester Magnum	5.45 kg	5 Internal	\$3994
M-70 Mk I (23" Barrel)	.458 Lott	4.31 kg	5 Internal	\$4371

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Mk I (.204, 20")	BA	3	1-Nil	6	3	Nil	53
M-70 Mk I (.204, 24")	BA	3	1-Nil	6	3	Nil	68
M-70 Mk I (.204, 26")	BA	3	1-Nil	7	2	Nil	74
M-70 Mk I (.22-250, 22")	BA	3	1-Nil	6	4	Nil	65
M-70 Mk I (.22-250, 24")	BA	3	1-Nil	7	4	Nil	73
M-70 Mk I (.220, 22")	BA	3	2-Nil	6	4	Nil	56
M-70 Mk I (.220, 24")	BA	3	2-Nil	7	4	Nil	64
M-70 Mk I (5.56mm, 22")	BA	3	1-Nil	6	4	Nil	70
M-70 Mk I (5.56mm, 24")	BA	3	1-Nil	6	4	Nil	76
M-70 Mk I (6mm, 22")	BA	3	2-Nil	7	4	Nil	60
M-70 Mk I (6mm, 24")	BA	3	2-Nil	7	5	Nil	68
M-70 Mk I (.250, 22")	BA	3	2-Nil	7	4	Nil	74
M-70 Mk I (.250, 24")	BA	3	2-Nil	7	5	Nil	84
M-70 Mk I (.243, 22")	BA	3	2-Nil	6	4	Nil	65
M-70 Mk I (.243, 24")	BA	3	2-Nil	7	4	Nil	74
M-70 Mk I (.257, 22")	BA	3	2-Nil	6	5	Nil	64
M-70 Mk I (.257, 24")	BA	4	2-Nil	7	5	Nil	73
M-70 Mk I (.25-06, 22")	BA	4	2-Nil	7	5	Nil	57
M-70 Mk I (.25-06, 24")	BA	4	2-Nil	7	4	Nil	65
M-70 Mk I (.270, 22")	BA	4	2-3-Nil	7	5	Nil	60
M-70 Mk I (.270, 24")	BA	4	2-3-Nil	7	4	Nil	69
M-70 Mk I (7mm Mauser 22")	BA	4	2-3-Nil	7	5	Nil	70
M-70 Mk I (7mm Mauser, 24")	BA	4	2-3-Nil	7	5	Nil	80
M-70 Mk I (.280, 22")	BA	4	2-3-Nil	7	5	Nil	62
M-70 Mk I (.280, 24")	BA	4	2-3-Nil	7	4	Nil	70
M-70 Mk I (7mm-08, 22")	BA	4	2-3-Nil	7	5	Nil	77
M-70 Mk I (7mm-08, 24")	BA	4	2-3-Nil	7	4	Nil	87
M-70 Mk I (7mm Magnum, 22")	BA	4	1-2-3	7	4	Nil	75
M-70 Mk I (7mm Magnum, 24")	BA	4	1-2-3	7	4	Nil	86
M-70 Mk I (7.62mm, 22")	BA	4	2-3-Nil	7	5	Nil	78
M-70 Mk I (7.62mm, 24")	BA	4	2-3-Nil	7	5	Nil	89
M-70 Mk I (.30-06, 22")	BA	4	2-3-Nil	7	4	Nil	68
M-70 Mk I (.30-06, 24")	BA	4	2-3-Nil	7	4	Nil	78
M-70 Mk I (.300, 22")	BA	5	2-3-Nil	7	4	Nil	78
M-70 Mk I (.300, 24")	BA	5	2-3-Nil	7	4	Nil	89
M-70 Mk I (.338, 22")	BA	6	2-3-Nil	7	4	Nil	90
M-70 Mk I (.338, 24")	BA	6	2-3-Nil	7	5	Nil	103
M-70 Mk I (.358, 22")	BA	5	2-3-Nil	7	5	Nil	79
M-70 Mk I (.358, 24")	BA	5	2-4-Nil	8	6	Nil	89
M-70 Mk I (.458 Win, 22")	BA	7	1-3-5	8	6	Nil	95
M-70 Mk I (.458 Win, 24")	BA	8	1-3-5	9	6	Nil	108
M-70 Mk I (.458 Lott, 23")							



	BA	7	2-4-6	8	6	Nil	84
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### Ruger M-70 Mk I Compact

Notes: As the name suggests, this is a carbine version of the Ruger M-70 Mk I rifle. It is surprisingly useful, especially to police who need a sharpshooting rifle, but are not sharpshooters.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Mk I Compact	5.56mm NATO	2.61 kg	5 Internal	\$736
M-70 Mk I Compact	.243 Winchester	2.63 kg	5 Internal	\$939
M-70 Mk I Compact	7mm-08 Remington	2.65 kg	5 Internal	\$1209
M-70 Mk I Compact	7.62mm NATO	2.67 kg	5 Internal	\$1371

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Mk I Compact (5.56mm)	BA	3	1-Nil	5	3	Nil	46
M-70 Mk I Compact (.243)	BA	3	2-Nil	5	4	Nil	42
M-70 Mk I Compact (7mm-08)	BA	4	2-Nil	6	5	Nil	50
M-70 Mk I Compact (7.62mm)	BA	4	2-3-Nil	6	5	Nil	51

### Ruger M-70 Mk I International

Notes: Also known as the Ruger 77-RSI, the International has a short 18.5-inch barrel and full-length stock. It was introduced in 1969, chambered for short-action rounds. The International was produced until 1991, but due to shooter protest, it was produced for nearly another year, in 1994. However, in this short production run, the .22-250 and 7.62mm NATO chamberings did not appear. In 1987, the .270 Winchester and .30-06 long-action rounds were added, but only a few were made over the years until 1991; they were not part of the lot produced in 1994. The long-action versions were folded into the Mk II design in 1991, and the International altogether was finally discontinued in 1994.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Mk I International	.22-250 Remington	2.29 kg	5 Internal	\$801
M-70 Mk I International	.243 Winchester	2.54 kg	5 Internal	\$933
M-70 Mk I International	.250 Savage	2.67 kg	5 Internal	\$989
M-70 Mk I International	.270 Winchester	3.22 kg	5 Internal	\$1415
M-70 Mk I International	7.62mm NATO	3.18 kg	5 Internal	\$1387
M-70 Mk I International	.30-06 Springfield	3.6 kg	5 Internal	\$1667

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Mk I International (.22-250)	BA	3	1-Nil	6	4	Nil	50
M-70 Mk I International (.243)	BA	3	2-Nil	6	4	Nil	50
M-70 Mk I International (.250)	BA	3	2-Nil	6	4	Nil	57
M-70 Mk I International (.270)	BA	4	2-3-Nil	6	5	Nil	56
M-70 Mk I International (7.62mm)	BA	4	2-3-Nil	6	4	Nil	61
M-70 Mk I International (.30-06)	BA	4	2-3-Nil	6	4	Nil	52

### Ruger M-70 Mk I Tropical

Notes: Designed specifically around the .458 Winchester Magnum round, this rifle has a full 26-inch barrel and a strengthened walnut stock oil-finished stock, with transverse recoil bolts to protect the stock and shooter. Also known as the Ruger 77-RT, the Tropical has a one-piece steel trigger guard/magazine floor, and is loaded from the top instead of a hinged floorplate. It was built from 1985-1990.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Mk I Tropical	.458 Winchester Magnum	3.97 kg	5 Internal	\$4130

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Mk I Tropical	BA	8	1-3-5	9	5	Nil	122

### Ruger M-70 Mk II

Notes: This new version of the Ruger M-70 was originally introduced in 1989 only in 5.56mm NATO caliber and 20-inch barrel. More calibers and barrel lengths were quickly added; in addition, several variant models were introduced over the years. The M-70 Mk II has several important safety modifications over the Mk I; a three-winged safety catch was introduced at the back of the bolt, which locks the bolt and trigger in the rear position when placed in one place, locks the trigger in the central position when placed in another, and finally places the weapon ready to fire when placed in the third. Other modifications include a greatly-improved trigger mechanism, a modified Mauser-type extractor, an improved ejector, and an improved catch for the magazine's bottom plate. Drilling

and tapping for a scope are standard on all models (though not all have iron sights).

In 1991-1993, the Mk II Deluxe was built, in small numbers. Though in game terms it is identical to the standard Mk II, the Deluxe (also known as the 77-RSD) uses a specially-selected walnut stock with a straight comb and a half-stock, checkered by hand to the semi-pistol grip and fore-end. The fore-end is ebony, with a quarter-rib. Chamberings were limited to .270 Winchester, 7mm Remington Magnum, .300 Winchester Magnum, and .30-06; magazines were detachable, carrying four rounds. Standard rounds used a 22-inch barrel, but magnum chamberings used a 24-inch barrels.

In 1990, several new models of the Mk II were introduced: the Mk II R, with a longer 22-inch barrel, more chamberings, and no iron sights; the Mk II RS with less chamberings (.243 Winchester and 7.62mm NATO only), but equipped with an adjustable rear leaf sight (and otherwise identical to the Mk II R); the Mk II RP, with a stainless steel barrel, Zytel plastic stock, and no iron sights; the Mk II RL Ultra Light with a short 20-inch barrel and a wood stock (identical to the standard Mk II in game terms, but the .204 Ruger chambering comes only in a 20" barrel version); and the Mk II RLS Ultra Light Carbine, with a very short 18.5-inch barrel and also with a stock of lighter wood.

1991 brought a left-handed model of the standard M-70 Mk II, but only for .270 Winchester, 7mm Remington Magnum, .300 Winchester Magnum, and .30-06 Springfield calibers. In 1992, eight new calibers were added to the standard Mk II. In 1993, the Mk II RSP was introduced, with a stainless steel barrel, Zytel stock, and open iron sights. The Mk II RSI is a model which has a full-barrel length walnut stock, but only an 18-inch barrel. The Mk II VT (Varmint Target) has a stainless steel receiver and a heavy 26-inch stainless steel barrel, and no iron sights. (The .22 PPC and 6mm PPC chambering for this rifle were dropped in 1997.)

The Mk II RBZ Sporter appeared in 1998; it has a 22-inch barrel except when chambered in magnum calibers, in which case a 24-inch barrel is used. It has a laminated hardwood stock and no iron sights. There is also a version of the Mk II RBZ Sporter with a stainless steel barrel and receiver and open iron sights; this model is identical to the standard Mk II RBZ Sporter for game purposes. There is also a left-handed version of the stainless steel RBZ Sporter (the LRBBZ Sporter), but it is chambered only for .270 Winchester, 7mm Remington Magnum, and .30-06 Springfield. In 1999, the Mk II RLP All-Weather Ultra Light was introduced; this has a plastic stock, 20-inch barrel, and stainless steel barrel and receiver. A left-handed version of this rifle also exists.

In 2001, two compact versions of the Mk II were introduced, with shorter barrels and stocks. The Mk II CR (Compact Rifle) has a walnut stock, blued metal parts, and a very short 16.5-inch barrel. The Mk II CRBBZ has stainless steel metal parts and a black, laminated hardwood stock, but is otherwise identical. 2002 was when the 7mm-08 chambering was added to the two compact Mk IIs.

In 2002, several new chamberings were added to M-70 Mk II R and RP; these were the new Short Magnum cartridges. In 2005, the new chambering of .204 Ruger was added to the standard M-70 Mk II line; unlike most M-70 Mk IIs, this weapon is available in three barrel lengths. In addition, in 2005, a .350 Remington Magnum chambering was added to the M-70 Mk II R; though it was added by popular demand, Ruger has thus far limited the production of this chambering. The .350 Remington Magnum chambering uses a 22-inch heavy barrel, walnut furniture, and has no iron sights.

Twilight 2000 Notes: The following versions of the M-70 Mk II are not available in the Twilight 2000 timeline: M-70 Mk II RBZ, M-70 Mk II RLP, M-70 Mk II CR, and any version chambered in .204 Ruger, any of the Short-Action UltraMag cartridges, any .300 Winchester Short Magnum model, or the M-70 Mk II R in .350 Remington Magnum.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Mk II (20" Barrel)	.204 Ruger	2.95 kg	5 Internal	\$697
M-70 Mk II (24" Barrel)	.204 Ruger	3.29 kg	5 Internal	\$738
M-70 Mk II (26" Barrel)	.204 Ruger	4.42 kg	5 Internal	\$758
M-70 Mk II	5.56mm NATO	2.9 kg	5 Internal	\$770
M-70 Mk II	6mm Remington	3.27 kg	5 Internal	\$1038
M-70 Mk II	.25-06 Remington	3.52 kg	5 Internal	\$1242
M-70 Mk II	.257 Roberts	3.4 kg	5 Internal	\$1135
M-70 Mk II	6.5mm Swedish	3.42 kg	5 Internal	\$1156
M-70 Mk II	7mm Mauser	3.64 kg	5 Internal	\$1340
M-70 Mk II	.280 Remington	3.81 kg	5 Internal	\$1490
M-70 Mk II	.30-06 Springfield	4.02 kg	5 Internal	\$1682
M-70 Mk II	.338 Winchester Magnum	4.48 kg	5 Internal	\$2387
M-70 Mk II R	5.56mm NATO	2.94 kg	5 Internal	\$790
M-70 Mk II R	.243 Winchester	3.22 kg	5 Internal	\$992
M-70 Mk II R	6mm Remington	3.32 kg	5 Internal	\$1058
M-70 Mk II R	.25-06 Remington	3.57 kg	5 Internal	\$1262
M-70 Mk II R	.257 Roberts	3.45 kg	5 Internal	\$1156
M-70 Mk II R	6.5mm Swedish	3.47 kg	5 Internal	\$1176
M-70 Mk II R	7mm Mauser	3.69 kg	5 Internal	\$1360
M-70 Mk II R	7mm Short-Action UltraMag	3.58 kg	3 Internal	\$1258
M-70 Mk II R	.280 Remington	3.86 kg	5 Internal	\$1510
M-70 Mk II R	7.62mm NATO	3.77 kg	5 Internal	\$1422
M-70 Mk II R	.30-06 Springfield	4.07 kg	5 Internal	\$1703
M-70 Mk II R	.300 Short-Action UltraMag	3.79 kg	3 Internal	\$1425
M-70 Mk II R	.300 Winchester Short Magnum	3.85 kg	3 Internal	\$1475

M-70 Mk II R	.338 Winchester Magnum	4.54 kg	3 Internal	\$2448
M-70 Mk II R	.350 Remington Magnum	4.52 kg	3 Internal	\$2426
M-70 Mk II RP	5.56mm NATO	2.78 kg	5 Internal	\$800
M-70 Mk II RP	.243 Winchester	3.05 kg	5 Internal	\$1002
M-70 Mk II RP	7mm Short-Action UltraMag	3.39 kg	3 Internal	\$1268
M-70 Mk II RP	7.62mm NATO	3.57 kg	5 Internal	\$1432
M-70 Mk II RP	.300 Short-Action UltraMag	3.59 kg	3 Internal	\$1435
M-70 Mk II RP	.300 Winchester Short Magnum	3.64 kg	3 Internal	\$1485
M-70 Mk II RP	.338 Winchester Magnum	4.29 kg	3 Internal	\$2458
M-70 Mk II RLS	.243 Winchester	3.07 kg	5 Internal	\$957
M-70 Mk II RLS	.25-06 Remington	3.4 kg	5 Internal	\$1226
M-70 Mk II RLS	.257 Roberts	3.29 kg	5 Internal	\$1120
M-70 Mk II RLS	6.5mm Swedish	3.31 kg	5 Internal	\$1141
M-70 Mk II RLS	7mm Mauser	3.52 kg	5 Internal	\$1325
M-70 Mk II RLS	.280 Remington	3.68 kg	5 Internal	\$1471
M-70 Mk II RLS	7.62mm NATO	3.59 kg	5 Internal	\$1387
M-70 Mk II RLS	.30-06 Springfield	3.88 kg	5 Internal	\$1667
M-70 Mk II RLS	.338 Winchester Magnum	4.33 kg	5 Internal	\$2342
M-70 Mk II RSP	.243 Winchester	3.05 kg	4 Internal	\$1002
M-70 Mk II RSP	.270 Winchester	3.62 kg	4 Internal	\$1461
M-70 Mk II RSP	.30-06 Springfield	3.89 kg	4 Internal	\$1713
M-70 Mk II RSP	7mm Remington Magnum	3.73 kg	3 Internal	\$1540
M-70 Mk II RSP	.300 Winchester Magnum	4.24 kg	3 Internal	\$2359
M-70 Mk II RSP	.338 Winchester Magnum	4.45 kg	3 Internal	\$2580
M-70 Mk II RSI	.243 Winchester	3.06 kg	5 Internal	\$952
M-70 Mk II RSI	.270 Winchester	3.64 kg	5 Internal	\$1410
M-70 Mk II RSI	7.62mm NATO	3.58 kg	5 Internal	\$1382
M-70 Mk II RSI	.30-06 Springfield	3.97 kg	5 Internal	\$1662
M-70 Mk II VT	5.56mm NATO	3.03 kg	5 Internal	\$838
M-70 Mk II VT	.22 PPC	2.93 kg	5 Internal	\$763
M-70 Mk II VT	.22-250 Remington	3.1 kg	5 Internal	\$884
M-70 Mk II VT	.220 Swift	3.28 kg	5 Internal	\$974
M-70 Mk II VT	6mm PPC	3.11 kg	5 Internal	\$839
M-70 Mk II VT	.243 Winchester	3.32 kg	5 Internal	\$1039
M-70 Mk II VT	.25-06 Remington	3.68 kg	5 Internal	\$1309
M-70 Mk II VT	7.62mm NATO	3.89 kg	5 Internal	\$1469
M-70 Mk II RBZ	5.56mm NATO	2.94 kg	5 Internal	\$790
M-70 Mk II RBZ	.270 Winchester	3.68 kg	5 Internal	\$1451
M-70 Mk II RBZ	.30-06 Springfield	3.96 kg	5 Internal	\$1703
M-70 Mk II RBZ	7mm Remington Magnum	3.79 kg	5 Internal	\$1530
M-70 Mk II RBZ	.300 Winchester Magnum	4.31 kg	5 Internal	\$2349
M-70 Mk II RBZ	.338 Winchester Magnum	4.52 kg	5 Internal	\$2570
M-70 Mk II RLP	.243 Winchester	3.01 kg	5 Internal	\$982
M-70 Mk II RLP	.270 Winchester	3.59 kg	5 Internal	\$1440
M-70 Mk II RLP	.30-06 Springfield	3.86 kg	5 Internal	\$1692
M-70 Mk II CR	5.56mm NATO	2.83 kg	5 Internal	\$734
M-70 Mk II CR	.243 Winchester	3.12 kg	5 Internal	\$936
M-70 Mk II CR	6.5mm A-Square	3.55 kg	5 Internal	\$1267
M-70 Mk II CR	7mm-08 Remington	3.48 kg	5 Internal	\$1205
M-70 Mk II CR	7.62mm NATO	3.67 kg	5 Internal	\$1366

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Mk II (.204, 20")	BA	3	1-Nil	6	3	Nil	53
M-70 Mk II (.204, 24")	BA	3	1-Nil	6	3	Nil	68
M-70 Mk II (.204, 26")	BA	3	1-Nil	7	2	Nil	74
M-70 Mk II (5.56mm)	BA	3	1-Nil	6	3	Nil	61
M-70 Mk II (6mm Remington)	BA	3	2-Nil	6	3	Nil	52
M-70 Mk II (.25-06)	BA	4	2-Nil	6	4	Nil	49
M-70 Mk II (.257)	BA	3	2-Nil	6	4	Nil	55
M-70 Mk II (6.5mm Swedish)	BA	3	2-Nil	6	4	Nil	59

M-70 Mk II (7mm Mauser)	BA	4	2-3-Nil	6	4	Nil	61
M-70 Mk II (.280)	BA	4	2-3-Nil	7	4	Nil	53
M-70 Mk II (.30-06)	BA	4	2-3-Nil	7	4	Nil	59
M-70 Mk II (.338 Win Magnum)	BA	6	1-2-3	7	4	Nil	79
M-70 Mk II R (5.56mm)	BA	3	1-Nil	6	3	Nil	70
M-70 Mk II R (.243)	BA	3	2-Nil	6	3	Nil	65
M-70 Mk II R (6mm Remington)	BA	3	2-Nil	6	3	Nil	60
M-70 Mk II R (.25-06)	BA	4	2-Nil	7	5	Nil	57
M-70 Mk II R (.257)	BA	4	2-Nil	7	4	Nil	65
M-70 Mk II R (6.5mm Swedish)	BA	4	2-Nil	7	4	Nil	68
M-70 Mk II R (7mm Mauser)	BA	4	2-3-Nil	7	4	Nil	70
M-70 Mk II R (7mm SAUM)	BA	4	1-2-3	7	4	Nil	92
M-70 Mk II R (.280)	BA	4	2-3-Nil	7	4	Nil	62
M-70 Mk II R (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
M-70 Mk II R (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
M-70 Mk II R (.300 SAUM)	BA	5	1-2-3	7	4	Nil	95
M-70 Mk II R (.300 WSM)	BA	5	1-2-3	7	4	Nil	95
M-70 Mk II R (.338 Win Magnum)	BA	6	1-2-3	7	4	Nil	90
M-70 Mk II R (.350)	BA	6	1-3-Nil	7	5	Nil	98
M-70 Mk II RP (5.56mm)	BA	3	1-Nil	6	3	Nil	70
M-70 Mk II RP (.243)	BA	3	2-Nil	6	3	Nil	65
M-70 Mk II RP (7mm SAUM)	BA	4	1-2-3	7	4	Nil	92
M-70 Mk II RP (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
M-70 Mk II RP (.300 SAUM)	BA	5	1-2-3	7	4	Nil	95
M-70 Mk II RP (.300 WSM)	BA	5	1-2-3	7	4	Nil	95
M-70 Mk II RP (.338 Win Magnum)	BA	6	1-2-3	7	4	Nil	90
M-70 Mk II RLS (.243)	BA	3	2-Nil	6	3	Nil	51
M-70 Mk II RLS (.25-06)	BA	3	2-Nil	6	4	Nil	44
M-70 Mk II RLS (.257)	BA	3	2-Nil	6	4	Nil	49
M-70 Mk II RLS (6.5mm Swedish)	BA	3	2-Nil	6	4	Nil	52
M-70 Mk II RLS (7mm Mauser)	BA	4	2-3-Nil	6	4	Nil	54
M-70 Mk II RLS (.280)	BA	4	2-3-Nil	6	4	Nil	47
M-70 Mk II RLS (7.62mm)	BA	4	2-3-Nil	6	4	Nil	61
M-70 Mk II RLS (.30-06)	BA	4	2-3-Nil	6	4	Nil	52
M-70 Mk II RLS (.338 Win Magnum)	BA	6	1-2-3	7	4	Nil	69
M-70 Mk II RSP (.243)	BA	3	2-Nil	6	3	Nil	65
M-70 Mk II RSP (.270)	BA	4	2-3-Nil	7	4	Nil	60
M-70 Mk II RSP (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
M-70 Mk II RSP (7mm Rem Magnum)	BA	4	1-2-3	8	4	Nil	97
M-70 Mk II RSP (.300 Win Magnum)	BA	5	1-2-3	8	4	Nil	100
M-70 Mk II RSP (.338 Win Magnum)	BA	6	1-3-Nil	8	5	Nil	115
M-70 Mk II RSI (.243)	BA	3	2-Nil	6	3	Nil	49
M-70 Mk II RSI (.270)	BA	4	2-3-Nil	6	4	Nil	44
M-70 Mk II RSI (7.62mm)	BA	4	2-3-Nil	6	4	Nil	58
M-70 Mk II RSI (.30-06)	BA	4	2-3-Nil	6	4	Nil	50
M-70 Mk II VT (5.56mm)	BA	3	2-Nil	7	3	Nil	85
M-70 Mk II VT (.22 PPC)	BA	3	1-Nil	7	3	Nil	90
M-70 Mk II VT (.22-250)	BA	3	2-Nil	7	3	Nil	82
M-70 Mk II VT (.220)	BA	3	2-Nil	7	3	Nil	75
M-70 Mk II VT (6mm PPC)	BA	3	2-Nil	7	3	Nil	89
M-70 Mk II VT (.243)	BA	3	2-Nil	7	4	Nil	85
M-70 Mk II VT (.25-06)	BA	4	2-3-Nil	7	4	Nil	76
M-70 Mk II VT (7.62mm)	BA	4	2-3-Nil	8	4	Nil	102
M-70 Mk II RBZ (5.56mm)	BA	3	1-Nil	6	3	Nil	70
M-70 Mk II RBZ (.270)	BA	4	2-3-Nil	7	4	Nil	60
M-70 Mk II RBZ (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
M-70 Mk II RBZ (7mm Rem Magnum)	BA	4	1-2-3	8	4	Nil	97

M-70 Mk II RBZ (.300 Win Magnum)	BA	5	1-2-3	8	4	Nil	100
M-70 Mk II RBZ (.338 Win Magnum)	BA	6	1-3-Nil	8	5	Nil	115
M-70 Mk II RLP (.243)	BA	3	2-Nil	6	3	Nil	57
M-70 Mk II RLP (.270)	BA	4	2-3-Nil	6	4	Nil	52
M-70 Mk II RLP (.30-06)	BA	4	2-3-Nil	7	4	Nil	59
M-70 Mk II CR (5.56mm)	BA	3	1-Nil	5	3	Nil	46
M-70 Mk II CR (.243)	BA	3	2-Nil	5	3	Nil	42
M-70 Mk II CR (6.5mm A-Square)	BA	3	2-Nil	6	4	Nil	37
M-70 Mk II CR (7mm-08)	BA	4	2-Nil	6	4	Nil	50
M-70 Mk II CR (7.62mm)	BA	4	2-3-Nil	6	4	Nil	51

Ruger M-70 Mk II All Weather Stainless

Notes: This is an almost-standard Mk II, but with a weatherizing/special finishing kit. Also known by the company model name of 77-RP II, the All-Weather Stainless has frosted stainless metalwork with a special weather-resistant coating, and a Zytel synthetic stock with Zenoy inserts in the pistol grip and fore-end grip area. The synthetic stock makes the All-Weather Stainless lighter than the standard M-70 Mk II; this has the pro of less weight to carry around all day, while the con of more recoil. It was introduced in 1990 and is still being manufactured. The All-Weather Stainless uses the same Mauser-type collar extractor, 3-position safety, fixed blade extractor, and a hinged-floor magazine well which takes a detachable magazine. Barrels are 24 inches, except in magnum chamberings, which have 26-inch barrels.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Mk II All-Weather Stainless	5.56mm NATO	2.46 kg	5	\$823
M-70 Mk II All-Weather Stainless	.243 Winchester	2.58 kg	5	\$1026
M-70 Mk II All-Weather Stainless	.270 Winchester	2.82 kg	5	\$1485
M-70 Mk II All-Weather Stainless	7mm Remington Magnum	2.86 kg	5	\$1545
M-70 Mk II All-Weather Stainless	7.62mm NATO	2.82 kg	5	\$1457
M-70 Mk II All-Weather Stainless	.30-06 Springfield	2.93 kg	5	\$1738
M-70 Mk II All-Weather Stainless	.300 Winchester Magnum	3.06 kg	5	\$2367
M-70 Mk II All-Weather Stainless	.338 Winchester Magnum	3.13 kg	5	\$2588

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Mk II All Weather Stainless (5.56mm)	BA	3	1-Nil	7	4	Nil	77
M-70 Mk II All-Weather Stainless (.243)	BA	3	2-Nil	7	4	Nil	75
M-70 Mk II All-Weather Stainless (.270)	BA	4	2-3-Nil	7	5	Nil	70
M-70 Mk II All-Weather Stainless (7mm Mag)	BA	4	1-2-3	8	5	Nil	97
M-70 Mk II All-Weather Stainless (7.62mm)	BA	4	2-3-Nil	7	5	Nil	90
M-70 Mk II All-Weather Stainless (.30-06)	BA	4	2-3-Nil	7	5	Nil	79
M-70 Mk II All-Weather Stainless (.300 Mag)	BA	5	1-2-3	8	5	Nil	101
M-70 Mk II All-Weather Stainless (.338 Mag)	BA	6	1-3-Nil	8	6	Nil	116

Ruger M-70 Mk II EXP/RSM

Notes: These two versions of the M-70 Mk II are essentially the same except for their chambering and the weight and length of their barrels. The “Express” moniker in this case refers to the type of sights, which include a combination of rear fixed leaf sights and fold-down rear adjustable leaf sights. The M-70 Mk II EXP (Express) uses a 22-inch barrel for most calibers, but a 24-inch barrel for magnum chamberings. The M-70 Mk II EXP has blued metalwork and a walnut stock, and the rifle is not only drilled and tapped for a



scope, a set of mounting rings is included with the rifle. The M-70 EXP was introduced in 1995.

Before this, in 1990, Ruger introduced a similar rifle for high-power magnum cartridges. The M-70 Mk II RSM was introduced chambered for .375 H&H Magnum and .416 Rigby; .404 Jeffery and .458 Winchester Magnum chamberings were added in 1993, but due to poor sales were withdrawn in 1995. The .458 Lott chambering came later (exactly when, I don't know). The barrel on the M-70 Mk II RSM is a heavy, match-quality 22-inch barrel. It has the same type of iron sights as the M-70 Mk II EXP, and is drilled and tapped for a scope, but the mounting rings for the telescopic sight are not sold with the rifle.

A newer version, the M-70 Mk II Magnum, was introduced in 2006. This version has a 23-inch barrel and a front blade sight, adjustable aperture rear sight, and a V-notch sight in the "express" position, and is also drilled and tapped for a scope mount or rings. It is otherwise essentially the same as the EXP and the RSM.

Twilight 2000 Notes: The M-70 Mk II is an *extremely* rare rifle in the Twilight 2000 timeline. The M-70 Mk II RSM in .458 Lott is also not available in the Twilight 2000 timeline, and the Magnum is not available at all.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Mk II EXP	.270 Winchester	3.24 kg	4 Internal	\$1451
M-70 Mk II EXP	7mm Remington Magnum	3.31 kg	3 Internal	\$1510
M-70 Mk II EXP	.30-06 Springfield	3.48 kg	4 Internal	\$1703
M-70 Mk II EXP	.300 Winchester Magnum	3.71 kg	3 Internal	\$2288
M-70 Mk II EXP	.338 Winchester Magnum	3.89 kg	3 Internal	\$2509
M-70 Mk II RSM	.375 H&H Magnum	4.2 kg	4 Internal	\$3206
M-70 Mk II RSM	.404 Jeffery	4.65 kg	4 Internal	\$3886
M-70 Mk II RSM	.416 Rigby	4.7 kg	3 Internal	\$3830
M-70 Mk II RSM	.458 Winchester Magnum	4.78 kg	3 Internal	\$3965
M-70 Mk II RSM	.458 Lott	5.01 kg	3 Internal	\$4354
M-70 Mk II Magnum	.338 Lapua Magnum	4.31 kg	4 Internal	\$2750
M-70 Mk II Magnum	.375 H&H Magnum	4.52 kg	4 Internal	\$3295
M-70 Mk II Magnum	.416 Rigby	4.73 kg	3 Internal	\$3919
M-70 Mk II Magnum	.458 Lott	5.64 kg	3 Internal	\$4444

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Mk II EXP (.270)	BA	4	2-3-Nil	7	5	Nil	60
M-70 Mk II EXP (7mm)	BA	4	1-2-3	7	5	Nil	86
M-70 Mk II EXP (.30-06)	BA	4	2-3-Nil	7	5	Nil	68
M-70 Mk II EXP (.300)	BA	5	2-3-Nil	7	5	Nil	89
M-70 Mk II EXP (.338 Win)	BA	6	1-3-Nil	8	6	Nil	103
M-70 Mk II RSM (.375)	BA	6	1-3-Nil	8	6	Nil	94
M-70 Mk II RSM (.404)	BA	7	1-3-5	8	6	Nil	102
M-70 Mk II RSM (.416)	BA	7	1-3-5	8	6	Nil	102
M-70 Mk II (.458 Win Magnum)	BA	7	1-3-5	8	6	Nil	102
M-70 Mk II (.458 Lott)	BA	8	1-2-3	8	7	Nil	102
M-70 Mk II Magnum (.338 Lapua)	BA	6	1-3-Nil	8	5	Nil	91
M-70 Mk II Magnum (.375)	BA	7	1-3-5	8	5	Nil	97
M-70 Mk II Magnum (.416)	BA	7	1-3-5	8	5	Nil	105
M-70 Mk II Magnum (.458 Lott)	BA	8	1-2-3	8	6	Nil	105

Ruger M-70 Mk II Frontier

Notes: This is a carbine-sized variant of the M-70 with a scout rifle-type scope setup (well-forward on the receiver). The forestock is bobbed, the buttstock is shortened (but still has a rubber recoil pad on the butt), the barrel is shortened to 16.5 inches, and the length of pull on the bolt is also shortened. The rifle comes with a Weaver scope base to allow the mounting of many different types of Western scopes. The stock is generally finished in weatherproofed black walnut. Despite the short, light quality of the rifle, it comes in some surprisingly-powerful chamberings. This rifle was introduced in the first quarter of 2005.

The Frontier Stainless (KM-70 Mk II Frontier) had some new chamberings added in late 2006 – some pretty powerful chamberings (in addition to the standard chamberings, except .300 Winchester Short Magnum). In addition, the Frontier Stainless has always had its external metalwork finished in low-glare stainless steel. Standard chamberings for the Frontier Stainless are identical to the standard Frontier for game purposes.

On the other hand, the .300 Winchester Short Magnum chambering was also dropped in 2006.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Mk II Frontier	.243 Winchester	2.72 kg	4 Internal	\$1011
M-70 Mk II Frontier	7mm-08 Remington	3.03 kg	4 Internal	\$1280
M-70 Mk II Frontier	7.62mm NATO	3.2 kg	4 Internal	\$1441



<b>M-70 Mk II Frontier</b>	<b>.300 Winchester Short Magnum</b>	<b>3.25 kg</b>	<b>3 Internal</b>	<b>\$1494</b>
<b>KM-70 Mk II Frontier</b>	<b>.338 Federal</b>	<b>3.43 kg</b>	<b>4 Internal</b>	<b>\$1685</b>
<b>KM-70 Mk II Frontier</b>	<b>.358 Winchester</b>	<b>3.68 kg</b>	<b>3 Internal</b>	<b>\$2190</b>

<b>Weapon</b>	<b>ROF</b>	<b>Damage</b>	<b>Pen</b>	<b>Bulk</b>	<b>SS</b>	<b>Burst</b>	<b>Range</b>
<b>M-70 Mk II Frontier (.243)</b>	BA	3	2-Nil	5	3	Nil	42
<b>M-70 Mk II Frontier (7mm-08)</b>	BA	4	2-Nil	6	4	Nil	50
<b>M-70 Mk II Frontier (7.62mm)</b>	BA	4	2-3-Nil	6	4	Nil	51
<b>M-70 Mk II Frontier (.300)</b>	BA	5	1-2-3	6	4	Nil	61
<b>KM-70 Mk II Frontier (.338)</b>	BA	5	2-3-Nil	6	4	Nil	51
<b>KM-70 Mk II Frontier (.358)</b>	BA	5	2-3-Nil	6	4	Nil	61

### **Ruger M-70 Mk II Hawkeye**

Notes: In a way, the Hawkeye is not only the latest variant of the of the M-70 series, it is the most modern of the M-70 and Ruger's idea of a medium-large game rifle.

Originally designed specifically for Ruger's new .375 Ruger cartridge, the Hawkeye has many new and improved features. In addition to folding, windage adjustable white-outlined V-notch rear sights and the white-bead front sight, the Hawkeye also has express-style sights mid-way at about the junction of the receiver and barrel. The receiver is also drilled and tapped for a scope mount or rings, particularly those made by Ruger, and they come from the factory with a set of rings which will accept most civilian scopes. The trigger group is Ruger's new LC-6 group, which produces a very smooth pull with no creep and a fairly light touch at 4.5 pounds. The Hawkeye Compact is a version of the Hawkeye Standard with a shorter 16.5-inch barrel, and with metalwork (except for the barrel) of light alloy steel. The Compact Laminate is a version of the Compact with dark weatherproofed walnut staining. It's metalwork is in matte stainless. For game purposes, it is almost identical to the Compact.

There were originally 2 versions of the Hawkeye: the Alaskan, with 20-inch heavy barrel, and a synthetic half-stock made by Hogue which also has a Hogue rubber recoil pad on the butt. The stock and external metalwork are usually matte black (with a non-slip texture on the stock), but a version with deep blued external metalwork and a hard chrome-finished bolt handle is also available. The African uses a 23-inch barrel, with a weatherproofed fine walnut half-stock and an even thicker Hogue recoil pad on the butt. The African also has a checkered semi-pistol grip and fore-end (the fore-end is also slimmer than that of the Alaskan); the Alaskan has no checkering (but does have the aforementioned non-slip surface), with a hand swell on the fore-end. The African also comes in a left-handed version in its .375 Ruger chambering. The African has a 23-inch barrel with a muzzle brake.

The newer Hawkeye All-Weather is more of a "mainstream" version of the Hawkeye, with a more standard mix of chamberings available. The stock is synthetic (Hogue or standard) but may be printed with a wood-grain pattern, a camouflage pattern, or black in color and the metalwork is almost entirely stainless steel. Exterior stainless steel is treated for further weatherproofing. The All-Weather is equipped with integral scope rings, which attach directly to the receiver. The 3-position safety allows the bolt to be locked, or loaded and unloaded while the firing pin is blocked. The 5.56mm NATO and .22-250 Remington chamberings may be had with 22 or 24-inch barrels; the 7mm Remington Magnum, .25-06 Remington, .264 Winchester Magnum, .300 Winchester Magnum and .338 Winchester Magnum chamberings use 24-inch barrels. All other chamberings use 22-inch barrels.

The Hawkeye Standard sounds as if it should come first, but chronologically, this is not so. Most of the Hawkeye Standard line are "Distributor Exclusive," limited-edition rifles that can be bought only through certain dealers. They use wood stocks, either Tundra Black Laminate finishes or American Walnut finishes. The stocks are slimmed stocks, as thin as possible without compromising the structural integrity or making the rifle unduly uncomfortable to shoot; the stocks may also be thumbhole stocks or regular pistol grip-wrist stocks. They come in several standard chamberings, as well as several unusual calibers. Depending on chambering, the barrels may be 22-26 inches.

Ruger has recently come out with a version of the Hawkeye called the Ruger Compact Magnum. This is a special version of the Hawkeye designed for their new, proprietary cartridge, the .300 Ruger Compact Magnum cartridge. This version features the LC6 trigger pack for smooth, quick performance, a positive Mauser-type extractor, a blind box magazine under a steel floorplate, Scope rings mounted on short lengths of MIL-STD-1913 rail on either side of the action, a walnut stock (synthetic optionally) with a Red Eagle recoil pad, forward-mounted iron sights (in "Scout" position) and the front totally adjustable, and a 20-inch heavy barrel with no flash suppressor or muzzle brake, though it does have a recessed crown.

The Predator is characterized by long barrels (22 or 24 inches) with a heavy profile. It has a dazzling stock finish, with strikes of multicolored wood, laminated to be weatherproof, in a pattern called by Ruger "Green Mountain." Though the Varmint Target is in dark-stained walnut, it is similar to the Predator; the barrel, however, is 26-28 inches and a bull barrel.

The Magnum Hunter is a version, chambered only in .300 Magnum, that has a 24-inch heavy barrel tipped by a pepperpot-type muzzle brake. It has synthetic furniture and a recoil pad on the butt. It also has a user-adjustable target trigger.

Twilight 2000 Notes: The Hawkeye does not exist in the Twilight 2000 timeline.

<b>Weapon</b>	<b>Ammunition</b>	<b>Weight</b>	<b>Magazines</b>	<b>Price</b>
<b>Hawkeye Alaskan</b>	<b>.375 Ruger</b>	<b>3.63 kg</b>	<b>3</b>	<b>\$2914</b>
<b>Hawkeye African</b>	<b>.300 Winchester Magnum</b>	<b>3.52 kg</b>	<b>3</b>	<b>\$2331</b>
<b>Hawkeye African</b>	<b>.338 Winchester Magnum</b>	<b>3.52 kg</b>	<b>3</b>	<b>\$2553</b>

Hawkeye African	.375 Ruger	3.52 kg	3	\$3044
Hawkeye African	.416 Ruger	3.52 kg	3	\$3563
Hawkeye All-Weather	.204 Ruger	3.74 kg	5	\$803
Hawkeye All-Weather (22" Barrel)	.22-250 Remington	3.8 kg	4	\$923
Hawkeye All-Weather (24" Barrel)	.22-250 Remington	3.84 kg	4	\$944
Hawkeye All-Weather (22" Barrel)	5.56mm NATO	3.78 kg	5	\$877
Hawkeye All-Weather (24" Barrel)	5.56mm NATO	3.82 kg	5	\$897
Hawkeye All-Weather	.243 Winchester	3.88 kg	4	\$1079
Hawkeye All-Weather	7mm Remington Magnum	4.16 kg	3	\$1598
Hawkeye All-Weather	7mm-08 Remington	4.04 kg	4	\$1348
Hawkeye All-Weather	.25-06 Remington	4.07 kg	4	\$1370
Hawkeye All-Weather	.264 Winchester Magnum	4.1 kg	4	\$1440
Hawkeye All-Weather	.270 Winchester	4.12 kg	4	\$1539
Hawkeye All-Weather	.280 Remington	4.14 kg	4	\$1598
Hawkeye All-Weather	7.62mm NATO	4.1 kg	4	\$1510
Hawkeye All-Weather	.30-06 Springfield	4.22 kg	4	\$1791
Hawkeye All-Weather	.300 Winchester Magnum	4.44 kg	3	\$2377
Hawkeye All-Weather	.338 Winchester Magnum	4.51 kg	3	\$2599
Hawkeye All-Weather	.338 Federal	4.24 kg	4	\$1754
Hawkeye All-Weather	.35 Whelan	4.61 kg	4	\$2761
Hawkeye All-Weather	.358 Winchester	4.49 kg	4	\$2372
Hawkeye Standard	.204 Ruger	3.74 kg	5	\$737
Hawkeye Standard	5.56mm NATO	3.74 kg	5	\$810
Hawkeye Standard	.22-250 Remington	3.74 kg	4	\$857
Hawkeye Standard	.243 Winchester	3.18 kg	4	\$991
Hawkeye Standard	.25-06 Remington	3.74 kg	4	\$1281
Hawkeye Standard	.257 Roberts	3.4 kg	4	\$1155
Hawkeye Standard	.264 Winchester Magnum	3.52 kg	4	\$1351
Hawkeye Standard	6.5mm Creedmoor	3.52 kg	4	\$1115
Hawkeye Standard	.270 Winchester	3.4 kg	4	\$1449
Hawkeye Standard	7mm-08 Remington	3.4 kg	4	\$1260
Hawkeye Standard	7mm Remington Magnum	3.52 kg	3	\$1509
Hawkeye Standard	7.62mm NATO	3.18 kg	4	\$1441
Hawkeye Standard	.30-06 Springfield	3.4 kg	4	\$1701
Hawkeye Standard	.300 Winchester Magnum	3.74 kg	3	\$2286
Hawkeye Standard	.338 Federal	3.29 kg	4	\$1661
Hawkeye Standard	.338 Winchester Magnum	3.57 kg	3	\$2507
Hawkeye Standard	.35 Whelan	3.29 kg	4	\$2669
Hawkeye Standard	.358 Winchester	3.4 kg	4	\$2281
Hawkeye Compact	5.56mm NATO	2.84 kg	5	\$737
Hawkeye Compact	.243 Winchester	2.72 kg	4	\$939
Hawkeye Compact	7mm-08 Remington	2.72 kg	4	\$1209
Hawkeye Compact	7.62mm NATO	2.61 kg	4	\$1371
Hawkeye Compact Laminate	5.56mm NATO	2.95 kg	5	\$732
Hawkeye Compact Laminate	.243 Winchester	2.84 kg	4	\$934
Hawkeye Compact Laminate	7mm-08 Remington	2.84 kg	4	\$1204
Hawkeye Compact Laminate	7.62mm NATO	2.72 kg	4	\$1365
Hawkeye Compact Magnum	.300 Ruger Compact Magnum	3.06 kg	3	\$2593
Hawkeye Magnum Hunter	.300 Winchester Magnum	3.63 kg	3	\$2445
Hawkeye Predator	.204 Ruger	3.63 kg	5	\$819
Hawkeye Predator	5.56mm NATO	3.52 kg	5	\$871
Hawkeye Predator	.22-250 Remington	3.63 kg	4	\$939
Hawkeye Predator	6.5mm Creedmoor	3.68 kg	4	\$1177
Hawkeye Predator	7.62mm NATO	3.63 kg	4	\$1503
Hawkeye Varmint Target	.204 Ruger	4.42 kg	5	\$846
Hawkeye Varmint Target	5.56mm NATO	4.42 kg	5	\$919
Hawkeye Varmint Target	.22-250 Remington	4.42 kg	4	\$965
Hawkeye Varmint Target	6.5mm Creedmoor	4.31 kg	4	\$1225
Hawkeye Varmint Target	7.62mm NATO	4.2 kg	4	\$1550

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Hawkeye Alaskan	BA	6	1-3-Nil	7	5	Nil	85
Hawkeye African	BA	5	1-2-3	8	3	Nil	87
Hawkeye African	BA	6	1-3-Nil	8	4	Nil	100
Hawkeye African	BA	6	1-3-Nil	8	4	Nil	105
Hawkeye African	BA	7	1-3-5	8	5	Nil	105
Hawkeye All-Weather (.204)	BA	3	1-Nil	6	2	Nil	61
Hawkeye All-Weather (22", .22-250)	BA	3	1-Nil	6	2	Nil	65
Hawkeye All-Weather (24", .22-250)	BA	3	1-Nil	7	2	Nil	73
Hawkeye All-Weather (22", 5.56mm)	BA	3	1-Nil	6	2	Nil	70
Hawkeye All-Weather (24", 5.56mm)	BA	3	1-Nil	7	2	Nil	76
Hawkeye All-Weather (.243)	BA	3	2-Nil	6	2	Nil	65
Hawkeye All-Weather (7mm Magnum)	BA	4	1-2-3	7	3	Nil	86
Hawkeye All-Weather (7mm-08)	BA	4	2-3-Nil	7	3	Nil	77
Hawkeye All-Weather (.25-06)	BA	4	1-2-Nil	7	3	Nil	78
Hawkeye All-Weather (.264 Magnum)	BA	4	1-2-3	7	3	Nil	79
Hawkeye All-Weather (.270)	BA	4	2-3-Nil	7	3	Nil	60
Hawkeye All-Weather (.280)	BA	4	2-3-Nil	7	3	Nil	62
Hawkeye All-Weather (7.62mm)	BA	4	2-3-Nil	7	3	Nil	79
Hawkeye All-Weather (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
Hawkeye All-Weather (.300 Magnum)	BA	5	1-2-3	7	4	Nil	89
Hawkeye All-Weather (.338 Magnum)	BA	6	1-3-Nil	8	4	Nil	103
Hawkeye All-Weather (.338 Federal)	BA	5	2-3-Nil	7	4	Nil	89
Hawkeye All-Weather (.35)	BA	5	2-4-Nil	7	4	Nil	80
Hawkeye All-Weather (.358)	BA	5	2-3-Nil	7	4	Nil	79
Hawkeye Standard (.204 Ruger)	BA	3	1-Nil	7	3	Nil	68
Hawkeye Standard (5.56mm NATO)	BA	3	1-Nil	7	3	Nil	76
Hawkeye Standard (.22-250)	BA	3	1-Nil	7	3	Nil	73
Hawkeye Standard (.243)	BA	3	2-Nil	7	3	Nil	65
Hawkeye Standard (.25-06)	BA	4	1-2-Nil	7	4	Nil	78
Hawkeye Standard (.257)	BA	3	2-Nil	7	4	Nil	76
Hawkeye Standard (.264 Magnum)	BA	4	1-2-3	7	4	Nil	79
Hawkeye Standard (6.5mm)	BA	4	2-Nil	7	4	Nil	94
Hawkeye Standard (.270)	BA	4	2-3-Nil	7	4	Nil	60
Hawkeye Standard (7mm-08)	BA	4	2-3-Nil	7	4	Nil	77
Hawkeye Standard (7mm Magnum)	BA	4	1-2-3	7	4	Nil	86
Hawkeye Standard (7.62mm)	BA	4	2-3-Nil	7	5	Nil	89
Hawkeye Standard (.30-06)	BA	4	2-3-Nil	7	5	Nil	68
Hawkeye Standard (.300 Magnum)	BA	5	2-3-Nil	7	5	Nil	89
Hawkeye Standard (.338 Federal)	BA	5	1-2-3	7	5	Nil	94
Hawkeye Standard (.338 Magnum)	BA	6	1-3-Nil	7	6	Nil	103
Hawkeye Standard (.35)	BA	6	1-3-Nil	7	6	Nil	95
Hawkeye Standard (.358)	BA	5	2-3-Nil	7	5	Nil	79
Hawkeye Compact (5.56mm)	BA	3	1-Nil	5	3	Nil	46
Hawkeye Compact (.243)	BA	3	2-Nil	5	3	Nil	42
Hawkeye Compact (7mm-08)	BA	4	2-Nil	6	5	Nil	50
Hawkeye Compact (7.62mm)	BA	4	2-3-Nil	6	5	Nil	51
Hawkeye Compact Magnum	BA	5	1-2-3	7	4	Nil	95
Hawkeye Magnum Hunter	BA	5	1-2-3	8	3	Nil	93
Hawkeye Predator (.204)	BA	3	1-Nil	7	2	Nil	70
Hawkeye Predator (5.56mm)	BA	3	1-Nil	6	2	Nil	72
Hawkeye Predator (.22-250)	BA	3	2-Nil	7	2	Nil	76
Hawkeye Predator (6.5mm)	BA	4	2-Nil	7	3	Nil	89
Hawkeye Predator (7.62mm)	BA	4	2-3-Nil	7	4	Nil	82
Hawkeye Varmint Target (.204)	BA	3	1-Nil	7	2	Nil	78
Hawkeye Varmint Target (5.56mm)	BA	3	2-Nil	7	2	Nil	87
Hawkeye Varmint Target (.22-250)	BA	3	2-Nil	7	2	Nil	84

Hawkeye Varmint Target (6.5mm)	BA	4	2-3-Nil	8	3	Nil	106
Hawkeye Varmint Target (7.62mm)	BA	4	2-3-Nil	8	4	Nil	104

**Ruger M-70 Mk II Magnum**

Notes: Also known by the company moniker of 77-RSM II, this was introduced in 1989, on the basis of the extra-long Tropical Rifle. It has an extra-long loading and ejection port, and a strengthened action and stock with two transverse recoil bolts. Original chamberings were .375, .404, .416, and .458. By 1997, chamberings had been reduced to .375 and .416. Rifles in these two chamberings are still produced as the Mk II Magnum. They are heavy rifles, with quarter ribs on the barrels. The stocks are straight comb, with a half-stock fore-end and a tip to the fore-end of ebony. Barrels are 26 inches, leading to a satisfying range.

In 1991, the Mk II Express was introduced, using the same basic design as the Magnum, but chambered for lower-power cartridges. The Express Rifle is still being manufactured.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Mk II Magnum	.375 H&H Magnum	4.54 kg	4	\$3367
M-70 Mk II Magnum	.404 Jeffery	4.96 kg	4	\$4046
M-70 Mk II Magnum	.416 Rigby	4.93 kg	4	\$3991
M-70 Mk II Magnum	.458 Winchester Magnum	5.01 kg	4	\$4126
M-70 Mk II Express	.270 Winchester	2.84 kg	4	\$1565
M-70 Mk II Express	7mm Remington Magnum	2.87 kg	4	\$1604
M-70 Mk II Express	.300 Winchester Magnum	2.96 kg	4	
M-70 Mk II Express	.30-06 Springfield	2.82 kg	4	

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Mk II Magnum (.375)	BA	7	1-3-5	8	5	Nil	123
M-70 Mk II Magnum (.404)	BA	7	1-3-5	9	5	Nil	128
M-70 Mk II Magnum (.416)	BA	7	1-3-5	9	5	Nil	141
M-70 Mk II Magnum (.458)	BA	8	1-3-5	9	5	Nil	122
M-70 Mk II Express (.270)	BA	4	2-3-Nil	7	4	Nil	77
M-70 Mk II Express (7mm Mag)	BA	4	1-2-3	8	4	Nil	97
M-70 Mk II Express (.300 Mag)							
M-70 Mk II Express (.30-06)							

**Ruger M-70 Mk II Police Rifle**

Notes: This is a weapon designed for police sniping, which means it is for tactical short-range sharpshooting. It is based on the Varmint version of the Mk II, though it retains only two chamberings. It has a heavy sniping rifle, and is heavy in general to produce recoil resistance. The barrel and action are stainless steel, with the barrel heavy, floating, and 26 inches long. Furniture is either of walnut or a walnut/beech laminate; the stock is a target-style half-stock. The receiver can take dovetails, scope rings, or a Picatinny Rail. It is equipped with a Harris-type bipod, and a hand stop or sling swivel can be fitted on the fore-end along with the bipod. Once common in police use, it has been supplanted by more up-to-date designs.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Mk II Police	5.56mm NATO	4.42 kg	4	\$1684
M-70 Mk II Police	7.62mm NATO	4.61 kg	4	\$2327

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Mk II Police (5.56mm)	BA	3	2-Nil	7	3	Nil	90
With Bipod	BA	3	2-Nil	7	1	Nil	117
M-70 Mk II Police (7.62mm)	BA	4	2-3-Nil	8	4	Nil	107
With Bipod	BA	4	2-3-Nil	8	2	Nil	139

Smith & Wesson I-Bolt

Notes: Currently the only bolt-action rifle offered by Smith & Wesson, the I-Bolt is based on the well-proven Remington 721 and 722. It is a very simple design, easy to manufacture and maintain, yet capable of firing rounds of good power. The bolt is quite chunky (often called a "fat bolt"), derived from the Weatherby Mk V and designed for strength. This also means there is no need for a lengthwise locking lug, or bolt guides; a simple tube guides the bolt. This heavy bolt construction, on the other hand, makes for a rifle heavy in the receiver.

The I-Bolt uses a short lift and pull bolt, making it easy to use and keep on target during operation. When the safety is applied, the bolt is held in whatever position it is at the time of application of the safety (front or back). The safety is 3-position and on the right side near the bolt handle. The sear prevents the bolt from being pulled back too far, operating as a bolt stop. The trigger pull weight is externally adjustable using a tool; it is a Timney trigger unit. Barrels are made by Thompson/Center and are free-floating and match-quality; they are 23 inches long. The stock is synthetic and can be had in a variety of finishes, ranging from basic black to Realtree Camo. The I-Bolt has a full-length scope base with a Weaver rail. The I-Bolt has no iron sights.

Weapon	Ammunition	Weight	Magazines	Price
I-Bolt	.26-06 Remington	3.18 kg	4	\$1618
I-Bolt	.270 Winchester	3.3 kg	4	\$1807
I-Bolt	.30-06 Springfield	3.45 kg	4	\$2060

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
I-Bolt (.25-06)	BA	4	1-2-Nil	7	3	Nil	95
I-Bolt (.270)	BA	4	2-3-Nil	7	3	Nil	83
I-Bolt (.30-06)	BA	4	2-3-Nil	8	3	Nil	92



## Savage 4

This is a bolt-action takedown rifle based on a modified Model 3 (a single-shot design). The action was sturdy and solid, and the lines of the weapon appealing. The various models had a long production run, from 1933 to 1965. Model 6s produced after World War 2 had Monte Carlo stocks. The Model 4M fired magnum cartridges, but was otherwise identical to the other post-war rifles. The Model 5 was a Model 4 with a tubular underbarrel magazine instead of the box magazine of the Model 4.

Weapon	Ammunition	Weight	Magazines	Price
<b>Savage 4</b>	.22 Short, .22 Long, and .22 Long Rifle	2.54 kg	5	\$309
<b>Savage 4M</b>	.22 Winchester Magnum Rimfire	2.65 kg	5	\$341
<b>Savage 5</b>	.22 Short, .22 Long, and .22 Long Rifle	2.57 kg	21 (.22 Short), 18 (.22 Long), 15 (.22 Long Rifle); Tubular	\$310

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Savage 4/5 (.22 Short)</b>	BA	-2	Nil	6	1	Nil	43
<b>Savage 4/5 (.22 Long)</b>	BA	1	Nil	6	1	Nil	49
<b>Savage 4/5 (.22 Long Rifle)</b>	BA	1	Nil	6	1	Nil	53
<b>Savage 4M</b>	BA	1	Nil	6	1	Nil	70

## Savage 10FCM

Notes: This is a scout rifle, i.e., a rifle shooting medium caliber rounds that is no more than a meter in length, very light in weight, able to mount a telescopic sight, has backup iron sights, and is usually equipped with a sling for carrying. The Savage 10FCM is such a rifle, and is ideal for small-statured people such as teenagers and females. It is based on the short action of the Savage 110. It has a Weaver Rail for mounting most Western telescopic sights, and a synthetic stock for light weight. The Savage 10FCM does have a slight problem with extraction, in that sometimes the round fails to extract fully and must be manually pulled from the chamber.

Weapon	Ammunition	Weight	Magazines	Price
<b>Savage 10FCM</b>	7mm-08 Remington	2.84 kg	4	\$1253
<b>Savage 10FCM</b>	7.62mm NATO	2.84 kg	4	\$1415

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Savage 10FCM (7mm-08)</b>	BA	4	2-3-Nil	6	5	Nil	67
<b>Savage 10FCM (7.62mm)</b>	BA	4	2-3-Nil	6	5	Nil	68

## Savage 12

Notes: These rifles are considered varmint rifles by Savage, though some of them fire some decent calibers. They are heavy, accurate weapons, with free-floating, fluted, heavy barrels and laminated wood stocks (except for the FV series, which has a synthetic stock). The bolt knob is oversized to enable a good grasp. They have no iron sights, but are drilled and tapped for a scope. They have what Savage calls an Accu-Trigger – a fully adjustable trigger that incorporates a safety that does not allow the rifle to be accidentally discharged. There are several variants available, including single-shot version of most of the rifles. The Model 12VSS is a special version with a skeletonized Choate synthetic stock and alloy bedding.

Twilight 2000 Notes: These rifles are not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
<b>Savage 12 Varminter Low-Profile</b>	.204 Ruger	4.54 kg	4	\$746
<b>Savage 12 Varminter Low-Profile</b>	5.56mm NATO	4.73 kg	4	\$837
<b>Savage 12 Varminter Low-Profile</b>	.22-250 Remington	4.82 kg	4	\$883
<b>Savage 12BVSS</b>	5.56mm NATO	4.54 kg	4	\$837
<b>Savage 12BVSS</b>	.22-250 Remington	4.63 kg	4	\$883
<b>Savage 12BVSS</b>	.243 Winchester	4.93 kg	4	\$1039
<b>Savage 12BVSS</b>	7.62mm NATO	5.71 kg	4	\$1468
<b>Savage 12BVSS</b>	.300 Winchester Short Magnum	5.88 kg	2	\$1521
<b>Savage 112BVSS</b>	.25-06 Remington	4.65 kg	4	\$1308
<b>Savage 112BVSS</b>	.30-06 Springfield	5.28 kg	4	\$1748
<b>Savage 112BVSS</b>	7mm Remington Magnum	5.01 kg	3	\$1536
<b>Savage 112BVSS</b>	.300 Winchester Magnum	5.67 kg	3	\$2367
<b>Savage 12FVSS</b>	5.56mm NATO	3.97 kg	4	\$839
<b>Savage 12FVSS</b>	.22-250 Remington	4.05 kg	4	\$886
<b>Savage 12FVSS</b>	.270 Winchester Short Magnum	4.45 kg	4	\$1291
<b>Savage 12FVSS</b>	.300 Winchester Short Magnum	5.14 kg	2	\$1525
<b>Savage 12FV</b>	.204 Ruger	3.97 kg	4	\$766



Savage 12FV	5.56mm NATO	4.14 kg	4	\$839
Savage 12FV	.22-250 Remington	4.22 kg	4	\$886
Savage 12FV	.243 Winchester	4.49 kg	4	\$1041
Savage 12FV	7.62mm NATO	5.2 kg	4	\$1472
Savage 12FVY Youth	5.56mm NATO	3.86 kg	4	\$839
Savage 12FVY Youth	.22-250 Remington	3.93 kg	4	\$886
Savage 12VSS Varminter	5.56mm NATO	5.1 kg	4	\$845
Savage 12VSS Varminter	.22-250 Remington	5.19 kg	4	\$892
Savage 12VSS Varminter	7.62mm NATO	6.4 kg	4	\$1479

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 12 Varminter Low-Profile (.204)	BA	3	1-Nil	7	2	Nil	76
Savage 12 Varminter Low-Profile (5.56mm)	BA	3	2-Nil	7	2	Nil	85
Savage 12 Varminter Low-Profile (.22-250)	BA	3	2-Nil	7	2	Nil	82
Savage 12BVSS (5.56mm)	BA	3	2-Nil	7	2	Nil	85
Savage 12BVSS (.22-250)	BA	3	2-Nil	7	2	Nil	82
Savage 12BVSS (.243)	BA	3	2-Nil	7	3	Nil	85
Savage 12BVSS (7.62mm)	BA	4	2-3-Nil	8	4	Nil	102
Savage 12BVSS (.300 Short Magnum)	BA	5	1-2-3	8	4	Nil	125
Savage 112BVSS (.25-06)	BA	4	2-3-Nil	7	4	Nil	76
Savage 112BVSS (.30-06)	BA	4	2-3-Nil	8	4	Nil	91
Savage 112BVSS (7mm)	BA	4	1-2-3	8	4	Nil	100
Savage 112BVSS (.300 Magnum)	BA	5	1-2-3	8	4	Nil	104
Savage 12FVSS (5.56mm)	BA	3	2-Nil	7	3	Nil	85
Savage 12FVSS (.22-250)	BA	3	2-Nil	7	3	Nil	82
Savage 12FVSS (.270 Short Magnum)	BA	4	1-2-3	7	4	Nil	115
Savage 12FVSS (.300 Short Magnum)	BA	5	1-2-3	8	4	Nil	125
Savage 12FV (.204)	BA	3	1-Nil	7	3	Nil	76
Savage 12FV (5.56mm)	BA	3	2-Nil	7	3	Nil	85
Savage 12FV (.22-250)	BA	3	2-Nil	7	3	Nil	82
Savage 12FV (.243)	BA	3	2-Nil	7	4	Nil	85
Savage 12FV (7.62mm)	BA	4	2-3-Nil	8	4	Nil	102
Savage 12FVY Youth (5.56mm)	BA	3	2-Nil	7	3	Nil	85
Savage 12FVY Youth (.22-250)	BA	3	2-Nil	7	3	Nil	82
Savage 12VSS Varminter (5.56mm)	BA	3	2-Nil	7	2	Nil	87
Savage 12VSS Varminter (.22-250)	BA	3	2-Nil	7	2	Nil	84
Savage 12VSS Varminter (7.62mm)	BA	4	2-3-Nil	8	3	Nil	104

## Savage 40

Notes: This was basically an enlargement of Savage rimfire designs. It was designed for medium-caliber rounds and is very simple in both appearance and operation. The .250 Savage and .30-30 Winchester chamberings used a 22-inch barrel, while the .300 Savage and .30-06 chamberings used a 24-inch barrel. The rifle's simple elegance was its downfall; comparable but fancier offerings were available from Winchester at the time.

Weapon	Ammunition	Weight	Magazines	Price
Savage 40	.250 Savage	2.98 kg	5	\$1029
Savage 40	.30-30 Winchester	3.36 kg	5	\$1438
Savage 40	.300 Savage	3.34 kg	5	\$1364
Savage 40	.30-06 Springfield	3.68 kg	5	\$1726

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 40 (.250)	BA	3	2-Nil	7	3	Nil	74
Savage 40 (.30-30)	BA	4	2-3-Nil	7	5	Nil	79
Savage 40 (.300)	BA	4	2-3-Nil	7	5	Nil	88
Savage 40 (.30-06)	BA	4	2-3-Nil	8	4	Nil	78

## Savage 40 (New)

Notes: This is not the first Savage rifle to be called the Model 40, as can be seen above. The new Model 40 is a single-shot bolt-action rifle released in early 2005 chambered for .22 Hornet; other chamberings are expected for 2006 (or possibly later), and these

are represented below in speculative terms. The receiver is of heat-treated steel, and the top of the receiver has a Weaver-type scope base already installed. The barrel is actually threaded about 7.6 centimeters ahead of the breech instead of right at the breech; this gives the barrel additional support from the receiver and strengthens the breech. It also somewhat enhances accuracy. The new Model 40 is equipped with an adjustable AccuTrigger. The new Model 40 does have a manual safety which locks the bolt open if the bolt is drawn to the rear, and otherwise locks the trigger mechanism. The stock is of laminated hardwood.

Twilight 2000 Notes: This rifle does not exist.

Weapon	Ammunition	Weight	Magazines	Price
New Savage 40	.22 Hornet	3.52 kg	1 Internal	\$485
New Savage 40	.204 Ruger	3.57 kg	1 Internal	\$507
New Savage 40	5.56mm NATO	3.65 kg	1 Internal	\$543

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
New Savage 40 (.22)	SS	3	1-Nil	6	3	Nil	80
New Savage 40 (.204)	SS	3	1-Nil	6	3	Nil	70
New Savage 40 (5.56mm)	SS	3	1-Nil	6	3	Nil	78

Savage 111

Notes: The Model 111 – the “Classic Hunter” series – partially replaced the Savage 110 series in 1994. The various members of the Model 111 series are basically the same for game purposes, the differences being primarily in the stock patterns and/or materials used. The standard Model 111, (the 111F) has a synthetic straight comb stock. The variants of note are the Model 111FAK (also known as the Express), which has a barrel two inches shorter, but is equipped with a muzzle brake; and the Model 111FC, which has a detachable box magazine.

Twilight 2000 Notes: This is a rare rifle in the Twilight 2000 World, and the Model 111FAK is almost unheard of.

Weapon	Ammunition	Weight	Magazines	Price
Savage 111F	.22-250 Remington	2.9 kg	4 Internal	\$869
Savage 111F	5.56mm NATO	2.86 kg	4 Internal	\$823
Savage 111F	.243 Winchester	3.02 kg	4 Internal	\$1025
Savage 111F	.25-06 Remington	3.22 kg	4 Internal	\$1296
Savage 111F	.270 Winchester	3.42 kg	4 Internal	\$1485
Savage 111F	7mm Remington Magnum	3.45 kg	4 Internal	\$1525
Savage 111F	.300 Winchester Magnum	3.95 kg	4 Internal	\$2303
Savage 111F	.338 Winchester Magnum	4.09 kg	4 Internal	\$2526
Savage 111FAK	.270 Winchester	3.08 kg	4 Internal	\$1515
Savage 111FAK	7mm Remington Magnum	3.11 kg	4 Internal	\$1554
Savage 111FAK	.300 Winchester Magnum	3.53 kg	4 Internal	\$2292
Savage 111FAK	.30-06 Springfield	3.28 kg	4 Internal	\$1768
Savage 111FAK	.338 Winchester Magnum	3.69 kg	4 Internal	\$2515
Savage 111FC	.270 Winchester	3.31 kg	4	\$1484
Savage 111FC	7mm Remington Magnum	3.34 kg	4	\$1524
Savage 111FC	.300 Winchester Magnum	3.82 kg	4	\$2302
Savage 111FC	.30-06 Springfield	3.48 kg	4	\$1737

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 111F (.22-250)	BA	3	1-Nil	7	3	Nil	73
Savage 111F (5.56mm)	BA	3	1-Nil	7	3	Nil	76
Savage 111F (.243)	BA	3	2-Nil	7	3	Nil	74
Savage 111F (.25-06)	BA	4	2-Nil	7	4	Nil	65
Savage 111F/FC (.270)	BA	4	2-3-Nil	7	5	Nil	69
Savage 111F/FC (7mm)	BA	4	1-2-3	7	5	Nil	86
Savage 111F/FC (.300)	BA	5	2-3-Nil	7	4	Nil	89
Savage 111F (.338)	BA	6	1-3-Nil	8	6	Nil	103
Savage 111FAK (.270)	BA	4	2-3-Nil	7	4	Nil	60
Savage 111FAK (7mm)	BA	4	1-2-3	7	4	Nil	75
Savage 111FAK (.300)	BA	5	2-3-Nil	7	3	Nil	78
Savage 111FAK (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
Savage 111FAK (.338)	BA	6	1-2-3	7	4	Nil	90
Savage 111FC (.30-06)	BA	4	2-3-Nil	7	5	Nil	78

### Savage 114/14 American Classic

Notes: New for 2005, the American Classic is a classic-style bolt-action rifle designed for general hunting purposes. The Model 114 American Classic uses a long action, while the Model 14 uses a short action. The Model 114 uses a 22-inch barrel for standard chamberings, and a 24-inch barrel for magnum calibers; the Model 14 does likewise. Both are drilled and tapped for a scope mount, and have no iron sights. They have stocks of satin-lacquered American walnut, with an ebony cap on the fore-end. The metalwork is polished blue, and both models use Savage's adjustable AccuTrigger mechanism.

Twilight 2000 Notes: These rifles does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Savage 114 American Classic	.270 Winchester	3.18 kg	4	\$1524
Savage 114 American Classic	7mm Remington Magnum	3.4 kg	3	\$1584
Savage 114 American Classic	.30-06 Springfield	3.4 kg	4	\$1776
Savage 114 American Classic	.300 Winchester Magnum	3.83 kg	3	\$2361
Savage 14 American Classic	.22-250 Remington	3.18 kg	4	\$911
Savage 14 American Classic	.243 Winchester	3.39 kg	4	\$1066
Savage 14 American Classic	.270 Winchester Short Magnum	3.4 kg	2	\$1336
Savage 14 American Classic	7mm-08 Remington	3.73 kg	4	\$1335
Savage 14 American Classic	7.62mm NATO	3.92 kg	4	\$1496
Savage 14 American Classic	.300 Winchester Short Magnum	3.64 kg	2	\$1569

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 114 American Classic (.270 Win)	BA	4	2-3-Nil	7	4	Nil	60
Savage 114 American Classic (7mm Magnum)	BA	4	1-2-3	7	4	Nil	86
Savage 114 American Classic (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
Savage 114 American Classic (.300 Win Mag)	BA	5	2-3-Nil	7	4	Nil	89
Savage 14 American Classic (.22-250)	BA	3	1-Nil	6	3	Nil	65
Savage 14 American Classic (.243 Win)	BA	3	2-Nil	6	3	Nil	65
Savage 14 American Classic (.270 WSM)	BA	4	1-2-3	7	4	Nil	100
Savage 14 American Classic (7mm-08)	BA	4	2-3-Nil	7	4	Nil	77
Savage 14 American Classic (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
Savage 14 American Classic (.300 WSM)	BA	5	1-2-3	7	4	Nil	108

### Savage 114U

Notes: This is a modern-construction rifle built with old-fashioned conservative styling. The stock is especially well-done, made of fine-grain walnut with a glossy, weather-resistant finish. The butt has a shallow recoil pad that nonetheless helps cushion recoil. The fore-end tip of the stock is another nod to classic finishes; it is ebony black with no spacers. The stock is of the Monte Carlo design, with a grip cut and checkering for a surer grip. The ejection port is large to ensure proper ejection, and the bolt operates smoothly.

Weapon	Ammunition	Weight	Magazines	Price
Savage 114U	.270 Winchester	3.18 kg	4 Internal	\$1317
Savage 114U	.30-06 Springfield	4.76 kg	4 Internal	\$1778
Savage 114U	7mm Remington Magnum	4.02 kg	3 Internal	\$1585
Savage 114U	.300 Winchester Magnum	5.72 kg	3 Internal	\$2363

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 114U (.270)	BA	4	2-3-Nil	7	4	Nil	73
Savage 114U (.30-06)	BA	4	2-3-Nil	7	3	Nil	68
Savage 114U (7mm)	BA	4	1-2-3	7	4	Nil	86
Savage 114U (.300)	BA	5	2-3-Nil	7	3	Nil	89

### Savage 116SE Safari Express

Notes: This is sort of a Savage "elephant gun," firing the massive .458 Winchester Magnum cartridge. The Safari Express has Savage's new AccuTrigger, something which reduces trigger pull to manageable proportions. The Safari Express also has a muzzle brake which can be disabled simply by twisting it, which is for use at local firing ranges where the .458's massive muzzle blast would offend the neighboring shooters if funneled through a muzzle brake. It is not considered a very efficient muzzle brake, but it does reduce recoil somewhat. The Safari Express is drilled and tapped for a scope, but it also has express leaf sights, making the rifle also useful in the stalking role. Most of the metalwork is stainless steel, including crossbolts which strength the mechanism of the rifle. The butt has a recoil pad, and there is a ill-positioned sling swivel which can bite one's forward hand when firing the rifle. The Safari Express can be a little finicky about ammunition, with slightly long bullet often hanging up on the feed ramp and a magazine that is difficult to load by feel.

It is worth noting that this rifle no longer appears on the Savage website, and may have been discontinued.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Safari Express	.458 Winchester Magnum	3.86 kg	3 Internal	\$4118

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Safari Express	BA	8	1-3-5	9	4	Nil	108

### Savage 340

The Savage 340 series was actually sold for part of its lifetime under the Stevens name. It was introduced in 1947 as the Stevens 320 series (Stevens 322, 325, and 330), but in 1950 was taken back under the Savage name as the Savage 340 series. They were all inexpensive rifles with detachable box magazines.

Weapon	Ammunition	Weight	Magazines	Price
Stevens 322	.22 Hornet	3.19	4	\$697
Stevens 325	.250 Savage	3.76 kg	4	\$1049
Stevens 330	.30-30 Winchester	4.23 kg	4	\$1458
Savage 340	.22 Hornet	3.19 kg	4	\$697
Savage 340	.222 Remington	3.33 kg	4	\$796
Savage 340	5.56mm NATO	3.36 kg	4	\$815
Savage 340	.225 Winchester	3.43 kg	4	\$868
Savage 340	.30-30 Winchester	4.23 kg	4	\$1458

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Stevens 325	BA	3	1-Nil	6	3	Nil	77
Stevens 325	BA	3	2-Nil	7	4	Nil	84
Stevens 330	BA	4	2-3-Nil	7	4	Nil	90
Savage 340 (.22)	BA	3	1-Nil	6	3	Nil	77
Savage 340 (.222)	BA	3	1-Nil	7	3	Nil	79
Savage 340 (5.56mm)	BA	3	1-Nil	7	3	Nil	76
Savage 340 (.225)	BA	3	1-Nil	7	3	Nil	73
Savage 340 (.30-30)	BA	4	2-3-Nil	7	4	Nil	90

### Savage Axis

Notes: A descendant of the Model 10/110, the Axis was originally called the Edge until copyright issues raised their heads. The Axis, however, is regarded as a budget rifle (IRL), and there are enough differences between the Axis and Model 10/110 that the Axis is not simply a modified Model 10/110. Notable by it's lack is Savage's excellent AccuTrigger system. The Axis, however, does have a light trigger of only 5 pounds with a crisp break and let-off. The bolt head design is perhaps better than that of the Model 10/110, with a 3-lug bolt design with even pressure on the rear of the cartridge case, and excellent alignment of the cartridge with the bore. The bolt handle is skeletonized, though strong and with a substantial knob on the end. The tail of the firing pin serves as a chamber-loaded indicator. The manual safety us a thumb switch that pulls up and down, with a red dot to tell the shooter that the weapon is off safe. The stock is polymer, with steel strengthening rods within, and has a thick, ventilated recoil pad. The Axis has a box magazine. The trigger guard is large enough for a heavily-gloved finger, and the magazine release and manual safety are also large enough for a heavily-gloved thumb. These items are also of polymer. The stock is normally black, but can also be had in Realtree Camouflage (IRL, for an extra charge). The stock is designed to be narrower than most hunting rifle stocks, which allows for a more secure hold. The top of the receiver is both grooved and tapped for scope rings, and rails can be added, but none come with the Axis, and no iron sights are provided.

Barrels are 22 inches, accurized, have a target crown, and are of stainless steel. With the excellent trigger, the Axis yields excellent accuracy. A Youth Model has a 20-inch trigger and a shorter length of pull, but is otherwise the same.

Weapon	Ammunition	Weight	Magazines	Price
Axis	5.56mm NATO	2.74 kg	4	\$881
Axis	.22-250 Remington	2.76 kg	4	\$928
Axis	.243 Winchester	2.81 kg	4	\$1083
Axis	.25-06 Remington	2.9 kg	4	\$1368
Axis	.270 Winchester	2.96 kg	4	\$1543
Axis	7.62mm NATO	2.95 kg	4	\$1515
Axis	.30-06 Springfield	3.03 kg	4	\$1796
Axis Youth	5.56mm NATO	2.63 kg	4	\$860
Axis Youth	.22-250 Remington	2.65 kg	4	\$905
Axis Youth	.243 Winchester	2.7 kg	4	\$1063
Axis Youth	.25-06 Remington	2.79 kg	4	\$1333

Axis Youth	.270 Winchester	2.85 kg	4	\$1522
Axis Youth	7.62mm NATO	2.84 kg	4	\$1494
Axis Youth	.30-06 Springfield	2.92 kg	4	\$1775

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Axis (5.56mm)	BA	3	1-Nil	6	3	Nil	71
Axis (.22-250)	BA	3	1-Nil	6	3	Nil	66
Axis (.243)	BA	3	2-Nil	6	3	Nil	67
Axis (.25-06)	BA	4	1-2-Nil	7	4	Nil	71
Axis (.270)	BA	4	2-3-Nil	8	4	Nil	62
Axis (7.62mm)	BA	4	2-3-Nil	7	4	Nil	81
Axis (.30-06)	BA	4	2-3-Nil	8	4	Nil	71
Axis Youth (5.56mm)	BA	3	1-Nil	6	3	Nil	63
Axis Youth (.22-250)	BA	3	1-Nil	6	3	Nil	57
Axis Youth (.243)	BA	3	2-Nil	6	3	Nil	59
Axis Youth (.25-06)	BA	4	1-2-Nil	6	4	Nil	61
Axis Youth (.270)	BA	4	2-3-Nil	7	4	Nil	54
Axis Youth (7.62mm)	BA	4	2-3-Nil	7	4	Nil	70
Axis Youth (.30-06)	BA	4	2-3-Nil	7	4	Nil	61

Stevens 200

Notes: This rifle, made in long and short-action versions, is actually manufactured and sold by Savage Arms. Introduced in 2005 at the SHOT Show, it was designed to be an inexpensive rifle, but not cheap in quality. It is essentially a late-model Savage 110 without the AccuTrigger unit and with somewhat different chamberings. The Stevens 200 comes standard with a synthetic stock, light gray in color, with checkering on the pistol grip wrist and fore-end. The barrel is dual-pillar bedded and free-floating, and the entire rifle feels solid and strong. Most chamberings use a barrel of 22 inches, but the two magnum chamberings have a 24-inch barrel.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Stevens 200	5.56mm NATO	2.95 kg	4 Internal	\$804
Stevens 200	.22-250 Remington	2.99 kg	4 Internal	\$851
Stevens 200	.243 Winchester	3.13 kg	4 Internal	\$1007
Stevens 200	.25-06 Remington	3.37 kg	4 Internal	\$1278
Stevens 200	.270 Winchester	3.52 kg	4 Internal	\$1467
Stevens 200	7mm-08 Remington	3.37 kg	4 Internal	\$1276
Stevens 200	7mm Remington Magnum	3.6 kg	3 Internal	\$1527
Stevens 200	7.62mm NATO	3.5 kg	4 Internal	\$1439
Stevens 200	.30-06 Springfield	3.72 kg	4 Internal	\$1720
Stevens 200	.300 Winchester Magnum	4.12 kg	3 Internal	\$2310

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Stevens 200 (5.56mm)	BA	3	1-Nil	6	3	Nil	71
Stevens 200 (.22-250)	BA	3	1-Nil	6	3	Nil	66
Stevens 200 (.243)	BA	3	2-Nil	6	3	Nil	66
Stevens 200 (.25-06)	BA	4	2-Nil	7	4	Nil	58
Stevens 200 (.270)	BA	4	2-3-Nil	7	4	Nil	61
Stevens 200 (7mm-08)	BA	4	2-3-Nil	7	4	Nil	78
Stevens 200 (7mm Magnum)	BA	4	1-2-3	7	4	Nil	87
Stevens 200 (7.62mm)	BA	4	2-3-Nil	7	5	Nil	80
Stevens 200 (.30-06)	BA	4	2-3-Nil	7	5	Nil	69
Stevens 200 (.300 Magnum)	BA	5	2-3-Nil	7	4	Nil	90



Savage 11/110

Notes: This is an American-made bolt-action rifle, related to the Model 11. It features a floating barrel with a Monte Carlo cheekpiece, and is drilled and tapped for a scope mount. A left-handed version is available.

Model 10 Predator Hunter Brush

Notes: The most striking feature of this rifle is the finish – a matte tan brush pattern for the stock as well as all exposed metalwork. Under that finish is a synthetic stock with a light olive recoil pad on the butt, and carbon steel metalwork. The Predator Hunter Brush has an AccuTrigger pack, but has no iron sights nor a scope (though it is drilled and tapped for scope mounts. The 22” barrel is tapered as well as having the standard floating barrel. A detachable box magazine is used. The Predator Hunter Brush is essentially by chambering a varmint rifle, and would have a hard time taking down a deer, let alone any dangerous predator.

The Predator Hunter Max 1 – well, that is a different animal. The basic design is almost the same at that of the Predator Hunter Brush, but much of the line is chambered for light magnum cartridges. Thus, they are capable of taking down heavier game. Though some police departments use then as sniper’s weapons or marksman’s weapons in small quantities, the oddball selection of chamberings makes this largely undesirable to most organized activity. As said, construction is similar to the Predator Hunter Brush, including the Brush finish, but the barrel is 24 inches, heavy, and fluted; the magazine capacity is also smaller. The rifle comes in left and right-handed versions.

Weapon	Ammunition	Weight	Magazines	Price
Savage 10 Predator Hunter Brush	.204 Ruger	3.14 kg	5	\$812
Savage 10 Predator Hunter Brush	.22-250 Remington	3.25 kg	5	\$932
Savage 10 Predator Hunter Brush	5.56mm NATO	3.17 kg	5	\$886
Savage 10 Predator Hunter Brush	.243 Winchester	3.39 kg	5	\$1088
Savage 110 Predator Hunter Max 1	.204 Ruger	3.86 kg	4	\$834
Savage 110 Predator Hunter Max 1	.22-250 Remington	3.99 kg	4	\$953
Savage 110 Predator Hunter Max 1	5.56mm NATO	3.89 kg	4	\$907
Savage 110 Predator Hunter Max 1	.243 Winchester	4.16 kg	4	\$1109
Savage 110 Predator Hunter Max 1	.260 Remington	4.49 kg	4	\$1441
Savage 110 Predator Hunter Max 1	6.5mm Creedmoor	4.26 kg	4	\$1193
Savage 110 Predator Hunter Max 1	6.5-284 Norma	4.36 kg	4	\$1298

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 10 Predator Hunter Brush (.204)	BA	3	1-Nil	6	2	Nil	65
Savage 10 Predator Hunter Brush (.22-250)	BA	3	1-Nil	6	3	Nil	68
Savage 10 Predator Hunter Brush (5.56mm)	BA	3	1-Nil	6	3	Nil	73
Savage 10 Predator Hunter Brush (.243)	BA	3	2-Nil	7	3	Nil	69
Savage 110 Predator Hunter Max 1 (.204)	BA	3	1-Nil	7	2	Nil	71
Savage 110 Predator Hunter Max 1 (.22-250)	BA	3	2-Nil	7	2	Nil	76
Savage 110 Predator Hunter Max 1 (5.56mm)	BA	3	1-Nil	7	2	Nil	80
Savage 110 Predator Hunter Max 1 (.243)	BA	3	2-Nil	7	2	Nil	79
Savage 110 Predator Hunter Max 1 (.260)	BA	4	1-2-3	7	3	Nil	85
Savage 110 Predator Hunter Max 1 (6.5mm)	BA	4	1-2-Nil	7	3	Nil	108
Savage 110 Predator Hunter Max 1 (6.5-284)	BA	4	1-2-Nil	7	3	Nil	97

Model 10XP

The Model 10XP is designed for civilian hunters, with a secondary use of the design by police snipers and marksmen. Virtually the entire rifle, including the included scope and external metalwork, is fully camouflaged in a matte brush pattern or a snow pattern. The stock is synthetic, and the 22-inch barrel match-quality heavy-profile carbon steel. One of the few areas not camouflaged is the olive drab recoil pad on the butt. The Model 10XP is equipped with Savage’s AccuTrigger. No iron sights are provided, but included with the rifle at purchase a 4-12x40 scope, mounted and boresighted. The Model 10XP is equipped with an internal magazine.

Weapon	Ammunition	Weight	Magazines	Price
Savage 10XP	.204 Ruger	3.86 kg	5 Internal	\$1016
Savage 10XP	.22-250 Remington	3.99 kg	5 Internal	\$1136
Savage 10XP	5.56mm NATO	3.89 kg	5 Internal	\$1090
Savage 10XP	.243 Winchester	4.16 kg	5 Internal	\$1292

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 10XP (.204)	BA	3	1-Nil	6	2	Nil	66
Savage 10XP (.22-250)	BA	3	1-Nil	6	2	Nil	70
Savage 10XP (5.56mm)	BA	3	1-Nil	6	2	Nil	74
Savage 10XP (.243)	BA	3	2-Nil	7	2	Nil	71



Model 110E

The Model 110E was the first version; it was introduced in 1963 and produced until 1988. The Model 110E originally had a plain hardwood stock with a Monte Carlo comb; in the 1980s, checkering was added to the pistol grip wrist and fore-end. For most of its production history, the Model 110E was made only in .22-250, 5.56mm, and 7mm Magnum, but more chamberings were added in the 1970s and 1980s. It uses a 22-inch barrel. The Model 110EL was a left-handed version of the Model 110E; it was restricted to 7mm Magnum and .30-06, and was built only in small numbers. (For game purposes, it is identical to the standard Model 110E in the same chamberings.) The Model 110ES (also known as the Super Value) was sold under the Stevens name from 1981-85, and included a 4x telescopic sight and mounts, a hardwood stock with plain checkering, and a 22-inch tapered barrel with a folding leaf rear sight and drilling and tapping. Soon after the introduction of the Model 110E, the Model 110M was announced; this is a magnum-firing version of the Model 110E, produced from 1963-73, and had a 24-inch barrel, a recoil pad on the butt, and an enlarged bolt-face recess and long action. The Model 110ML is a left-handed version of the Model 110M, produced in the same chamberings as the Model 110M.

Weapon	Ammunition	Weight	Magazines	Price
Savage 110E	.22-250 Remington	3.18 kg	5 Internal	\$844
Savage 110E	5.56mm NATO	3.12 kg	5 Internal	\$798
Savage 110E	.243 Winchester	3.39 kg	5 Internal	\$999
Savage 110E	.270 Winchester	3.96 kg	5 Internal	\$1458
Savage 110E	7mm Remington Magnum	4 kg	4 Internal	\$1497
Savage 110E	7.62mm NATO	3.93 kg	5 Internal	\$1429
Savage 110E	.30-06 Springfield	4.24 kg	5 Internal	\$1710
Savage 110ES	.243 Winchester	3.54 kg	5 Internal	\$1203
Savage 110ES	7.62mm NATO	4.1 kg	5 Internal	\$1633
Savage 110M	.264 Winchester Magnum	3.96 kg	4 Internal	\$1409
Savage 110M	7mm Remington Magnum	4.14 kg	4 Internal	\$1567
Savage 110M	.300 Winchester Magnum	4.66 kg	4 Internal	\$2350
Savage 110M	.358 Winchester	4.72 kg	4 Internal	\$2406

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 110E (.22-250)	BA	3	1-Nil	6	3	Nil	66
Savage 110E (5.56mm)	BA	3	1-Nil	6	3	Nil	71
Savage 110E (.243)	BA	3	2-Nil	7	3	Nil	66
Savage 110E (.270)	BA	4	2-3-Nil	7	4	Nil	61
Savage 110E (7mm Magnum)	BA	4	1-2-3	7	4	Nil	76
Savage 110E (7.62mm)	BA	4	2-3-Nil	7	4	Nil	80
Savage 110E (.30-06)	BA	4	2-3-Nil	7	4	Nil	69
Savage 110ES (.243)	BA	3	2-Nil	7	3	Nil	68
Savage 110ES (7.62mm)	BA	4	2-3-Nil	7	4	Nil	82
Savage 110M (.264)	BA	4	1-2-3	7	4	Nil	81
Savage 110M (7mm Magnum)	BA	4	1-2-3	7	4	Nil	87
Savage 110M (.300 Magnum)	BA	5	1-2-3	8	4	Nil	90
Savage 110M (.358)	BA	5	2-4-Nil	8	5	Nil	91

Model 110P

From 1964-80, the Model 110P (Premier Grade) was produced; it was a deluxe version of the Model 110E. It was chambered only in a few calibers, used a 24-inch barrel for the 7mm Magnum version, and had a French walnut stock with a half-length fore-end and a roll-over Monte Carlo comb. The fore-end had a rosewood endcap, and the checkering on the pistol grip wrist and fore-end had a skip-line pattern. The Model 110PE Presentation Grade model is even more fancy than the Model 110P, with engraving on the receiver, trigger guard, magazine floorplate, and stock; and they rarely were fitted with iron sights (though they were always drilled and tapped). They are otherwise identical for game purposes to the Model 110P. While the Model 110PE is rare, the Model 110PEL left-handed version is virtually never seen. The Model 110P also had a left-handed version, the Model 110PL.

Weapon	Ammunition	Weight	Magazines	Price
Savage 110P	.243 Winchester	3.56 kg	5 Internal	\$999
Savage 110P	7mm Remington Magnum	4.25 kg	4 Internal	\$1517
Savage 110P	.30-06 Springfield	4.45 kg	5 Internal	\$1710

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 110P (.243)	BA	3	2-Nil	7	3	Nil	66
Savage 110P (7mm Magnum)	BA	4	1-2-3	7	4	Nil	87
Savage 110P (.30-06)	BA	4	2-3-Nil	7	4	Nil	69

Model 110C

The Model 110C was produced from 1966-86. It is essentially a Model 110E with a detachable magazine and some improvements, most notably a new, more powerful extractor. Most Model 110Cs have 22-inch barrels, but two chamberings (introduced in 1979) -- .22-250 and .25-06 -- had 24-inch barrels in addition to 22-inch barrel versions. (Neither of these 24-inch barrel versions proved popular; the .25-06 model was taken out of the line in 1982, and the .22-250 version was gone by 1985.) The Model 110CL is a left-handed version of the Model 110C, restricted to .243, .270, 7mm Magnum, and .30-06. The Model 110CY Youth rifle was introduced in 1992 and is still being produced; it has a shorter stock, but is otherwise identical to the Model 110C. It was introduced in .243 and .250 Savage, but more chamberings were added as time went by, and the .250 Savage version was removed from the market in 1995.

The Model 110D is similar to the Model 110C, but had a detachable floorplate enclosing a magazine. It was produced from 1972-88, and had somewhat different chamberings than the Model 110E or 110C. A left-handed model, the Model 110DL, was also produced.

The Model 110V is a version of the Model 110D, but was a varmint rifle with a heavy 26-inch barrel that had no iron sights. For most of its history, the Model 110V was chambered only for .22-250, but in 1986, a 5.56mm version was introduced, and then quickly withdrawn. The Model 110V was built from 1983-94.

From 1986-94, the limited-edition Model 110K was produced; it had a laminated camouflage-finish stock, was chambered only for .243, .270, 7mm Magnum, .30-06, and .338 Magnum, and is otherwise identical to the Model 110D.

Weapon	Ammunition	Weight	Magazines	Price
Savage 110C (22-Inch Barrel)	.22-250 Remington	3.04 kg	4	\$838
Savage 110C (24-Inch Barrel)	.22-250 Remington	3.08 kg	4	\$859
Savage 110C	.243 Winchester	3.24 kg	4	\$994
Savage 110C (22-Inch Barrel)	.25-06 Remington	3.58 kg	4	\$1263
Savage 110C (24-Inch Barrel)	.25-06 Remington	3.61 kg	4	\$1283
Savage 110C	.270 Winchester	3.78 kg	4	\$1452
Savage 110C	7mm Remington Magnum	3.82 kg	3	\$1491
Savage 110C	7.62mm NATO	3.75 kg	4	\$1423
Savage 110C	.30-06 Springfield	4.05 kg	4	\$1703
Savage 110C	.300 Winchester Magnum	4.3 kg	3	\$2232
Savage 110CY	5.56mm NATO	2.83 kg	4	\$792
Savage 110CY	.243 Winchester	3.08 kg	4	\$994
Savage 110CY	.250 Savage	3.12 kg	3	\$1026
Savage 110CY	.270 Winchester	3.59 kg	4	\$1452
Savage 110CY	7.62mm NATO	3.56 kg	4	\$1423
Savage 110D	5.56mm NATO	2.97 kg	4	\$792
Savage 110D	.243 Winchester	3.24 kg	4	\$994
Savage 110D	.270 Winchester	3.78 kg	4	\$1452
Savage 110D	7mm Remington Magnum	3.82 kg	3	\$1491
Savage 110D	.30-06 Springfield	4.05 kg	4	\$1703
Savage 110D	.300 Winchester Magnum	4.3 kg	3	\$2232
Savage 110D	.338 Winchester Magnum	4.51 kg	3	\$2453
Savage 110V	5.56mm NATO	3.06 kg	4	\$837
Savage 110V	.22-250 Remington	3.12 kg	4	\$883

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 110C (22", .22-250)	BA	3	1-Nil	6	3	Nil	66
Savage 110C (24", .22-250)	BA	3	1-Nil	7	3	Nil	74
Savage 110C (.243)	BA	3	2-Nil	7	3	Nil	66
Savage 110C (22", .25-06)	BA	4	1-2-Nil	7	4	Nil	70
Savage 110C (24", .25-06)	BA	4	1-2-3	7	4	Nil	80
Savage 110C (.270)	BA	4	2-3-Nil	7	4	Nil	61
Savage 110C (7mm Magnum)	BA	4	1-2-3	7	4	Nil	76
Savage 110C (7.62mm)	BA	4	2-3-Nil	7	4	Nil	80
Savage 110C (.30-06)	BA	4	2-3-Nil	7	4	Nil	69
Savage 110C (.300 Magnum)	BA	5	1-2-3	7	4	Nil	79
Savage 110CY (5.56mm)	BA	3	1-Nil	6	3	Nil	71
Savage 110CY (.243)	BA	3	2-Nil	7	3	Nil	66
Savage 110CY (.250)	BA	3	1-2-Nil	7	4	Nil	90
Savage 110CY (.270)	BA	4	2-3-Nil	7	4	Nil	61
Savage 110CY (7.62mm)	BA	4	2-3-Nil	7	4	Nil	80
Savage 110D (5.56mm)	BA	3	1-Nil	6	3	Nil	71

Savage 110D (.243)	BA	3	2-Nil	7	3	Nil	66
Savage 110D (.270)	BA	4	2-3-Nil	7	4	Nil	61
Savage 110D (7mm Magnum)	BA	4	1-2-3	7	4	Nil	76
Savage 110D (.30-06)	BA	4	2-3-Nil	7	4	Nil	69
Savage 110D (.300 Magnum)	BA	5	1-2-3	7	4	Nil	79
Savage 110D (.338 Magnum)	BA	6	1-3-Nil	7	5	Nil	91
Savage 110V (5.56mm)	BA	3	2-Nil	7	3	Nil	85
Savage 110V (.22-250)	BA	3	2-Nil	7	3	Nil	82

Model 110B

There were two versions called the Model 110B; the first one was produced from 1976-89. It was basically a Model 110E with a select-quality walnut stock, and chambered only for .243, .270, 7mm Magnum, .30-06, and .338 Magnum. It also had a left-handed version which was produced until 1991. The second Model 110B was a variant of the Model 110G, produced from 1989-91; it had some extra chamberings, had a simple brown-stained hardwood stock with a non-slip rubber shoulder plate. It was made only in small numbers.

Weapon	Ammunition	Weight	Magazines	Price
Savage 110B (2 <sup>nd</sup> Model)	.22-250 Remington	3.09 kg	5 Internal	\$839
Savage 110B (2 <sup>nd</sup> Model)	5.56mm NATO	2.88 kg	5 Internal	\$793
Savage 110B (2 <sup>nd</sup> Model)	.243 Winchester	3.3 kg	5 Internal	\$995
Savage 110B (2 <sup>nd</sup> Model)	.270 Winchester	3.84 kg	5 Internal	\$1453
Savage 110B (2 <sup>nd</sup> Model)	7mm Remington Magnum	3.88 kg	4 Internal	\$1492
Savage 110B (2 <sup>nd</sup> Model)	7.62mm NATO	3.81 kg	5 Internal	\$1424
Savage 110B (2 <sup>nd</sup> Model)	.30-06 Springfield	4.12 kg	5 Internal	\$1705
Savage 110B (2 <sup>nd</sup> Model)	.300 Winchester Magnum	4.37 kg	4 Internal	\$2234

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 110B 2 <sup>nd</sup> Model (.22-250)	BA	3	1-Nil	6	3	Nil	66
Savage 110B 2 <sup>nd</sup> Model (5.56mm)	BA	3	1-Nil	6	3	Nil	71
Savage 110B 2 <sup>nd</sup> Model (.243)	BA	3	2-Nil	7	3	Nil	66
Savage 110B 2 <sup>nd</sup> Model (.270)	BA	4	2-3-Nil	7	4	Nil	61
Savage 110B 2 <sup>nd</sup> Model (7mm Magnum)	BA	4	1-2-3	7	4	Nil	76
Savage 110B 2 <sup>nd</sup> Model (7.62mm)	BA	4	2-3-Nil	7	4	Nil	80
Savage 110B 2 <sup>nd</sup> Model (.30-06)	BA	4	2-3-Nil	7	4	Nil	69
Savage 110B 2 <sup>nd</sup> Model (.300 Magnum)	BA	5	1-2-3	7	4	Nil	79

Model 110S

The Model 110S Silhouette rifle was built from 1978-94; it was chambered only for 7.62mm, and used a 22-inch heavy tapered barrel. The stock had a high comb, and the pistol grip wrist was stippled instead of checkered.

Weapon	Ammunition	Weight	Magazines	Price
Savage 110S	7.62mm NATO	3.77 kg	4	\$1427

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 110S	BA	4	2-3-Nil	7	4	Nil	82

Model 110F

The Model 110F was produced from 1987-94. It used a straight-comb black Rynite stock, but was otherwise similar to the other Model 110 rifles of the time. Variants included the left-handed Model 110FL. The Model 110FP Police rifle was introduced in 1990 and is still being produced; it has a 24-inch barrel, a non-reflective finish for the metalwork. In 1995, the initial Model 110FP was replaced by the Model 110FP Police Tactical rifle; this version has a graphite/fiberglass stock with a glass fiber barrel bedding system, sling swivels, and more chamberings (the first version of the Model 110FP was chambered only in 5.56mm and 7.62mm). The Model 110FL is a left-handed variant of the Model 110F; the Model 110FLP is a left-handed variant of the Model 110FP (and is still being produced). The Model 110FNS has no iron sights, but is otherwise identical to the Model 110F. The Model 110FX is also virtually identical to the Model 110F, but has a Weaver sight base machined integral to the receiver. The Model 110FM, also known as the Sierra, has the graphite/fiberglass composite stock, but only a 20-inch tapered barrel, and is much lighter than the standard Model 110F.

Weapon	Ammunition	Weight	Magazines	Price
Savage 110F	.22-250 Remington	2.86 kg	4	\$851
Savage 110F	5.56mm NATO	2.67 kg	4	\$804
Savage 110F	.243 Winchester	3.06 kg	4	\$1006
Savage 110F	.270 Winchester	3.56 kg	4	\$1466
Savage 110F	7mm Remington Magnum	3.6 kg	3	\$1505
Savage 110F	7.62mm NATO	3.54 kg	4	\$1437
Savage 110F	.30-06 Springfield	3.83 kg	4	\$1719
Savage 110F	.300 Winchester Magnum	4.06 kg	3	\$2247
Savage 110F	.338 Winchester Magnum	4.26 kg	3	\$2469
Savage 110FM	.243 Winchester	2.86 kg	4	\$1005
Savage 110FM	.270 Winchester	3.33 kg	4	\$1464
Savage 110FM	7.62mm NATO	3.31 kg	4	\$1436
Savage 110FM	.30-06 Springfield	3.58 kg	4	\$1717
Savage 110FP	5.56mm NATO	3.08 kg	4	\$828
Savage 110FP	7.62mm NATO	4.08 kg	4	\$1462
Savage 110FP Tactical	5.56mm NATO	2.98 kg	4	\$833
Savage 110FP Tactical	.25-06 Remington	3.31 kg	4	\$1305
Savage 110FP Tactical	7mm Remington Magnum	4.02 kg	3	\$1534
Savage 110FP Tactical	7.62mm NATO	3.95 kg	4	\$1466
Savage 110FP Tactical	.30-06 Springfield	4.27 kg	4	\$1747
Savage 110FP Tactical	.300 Winchester Magnum	4.53 kg	3	\$2336

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 110F (.22-250)	BA	3	1-Nil	6	3	Nil	66
Savage 110F (5.56mm)	BA	3	1-Nil	6	3	Nil	71
Savage 110F (.243)	BA	3	2-Nil	6	3	Nil	66
Savage 110F (.270)	BA	4	2-3-Nil	7	4	Nil	61
Savage 110F (7mm Magnum)	BA	4	1-2-3	7	4	Nil	76
Savage 110F (7.62mm)	BA	4	2-3-Nil	7	4	Nil	80
Savage 110F (.30-06)	BA	4	2-3-Nil	7	4	Nil	69
Savage 110F (.300 Magnum)	BA	5	1-2-3	7	4	Nil	79
Savage 110F (.338 Magnum)	BA	6	1-3-Nil	7	5	Nil	91
Savage 110FM (.243)	BA	3	2-Nil	6	3	Nil	66
Savage 110FM (.270)	BA	4	2-3-Nil	7	4	Nil	61
Savage 110FM (7.62mm)	BA	4	2-3-Nil	7	5	Nil	80
Savage 110FM (.30-06)	BA	4	2-3-Nil	7	5	Nil	69
Savage 110FP (5.56mm)	BA	3	1-Nil	7	3	Nil	78
Savage 110FP (7.62mm)	BA	4	2-3-Nil	7	4	Nil	93
Savage 110FP Tactical (5.56mm)	BA	3	1-Nil	7	3	Nil	80
Savage 110FP Tactical (.25-06)	BA	4	1-2-3	7	4	Nil	84
Savage 110FP Tactical (7mm Magnum)	BA	4	1-2-3	7	4	Nil	92
Savage 110FP Tactical (7.62mm)	BA	4	2-3-Nil	7	4	Nil	96
Savage 110FP Tactical (.30-06)	BA	4	2-3-Nil	8	4	Nil	84
Savage 110FP Tactical (.300 Magnum)	BA	5	1-2-3	8	4	Nil	96

Model 110G

The Model 110G was produced from 1989-94. The rifle used a 22-inch barrel for standard chamberings, and a 24-inch barrel for magnum chamberings. The stock was of beech, with a non-slip rubber buttplate. One of the chamberings was .300 Savage, but after numerous complaints about cracked stocks, this chambering was withdrawn in 1995, after two years. The Model 110G had an internal magazine, but the Model 110GC, produced from 1992-94, had a detachable box magazine. The Model 110GL was the left-handed version. The Model 110 GNS and GLNS were versions of the standard and left-handed models with no iron sights. These two rifles in addition to the Model 110GL were restricted to .270 Winchester, 7mm Magnum, and .30-06. The Model 110GV is a varmint rifle version with a heavy barrel. The Model 110GX is a version of the standard Model 110G with a Weaver scope base. The Model 110WLE (also known as the One in a Thousand series) is a special version of the Model 110G, with a select-quality walnut stock, a laser-etched Savage logo on the bolt, and a stock strong enough to use .250 and .300 Savage rounds. It is otherwise identical to the Model 110G for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
Savage 110G	.22-250 Remington	3.4 kg	5 Internal	\$839
Savage 110G	5.56mm NATO	3.33 kg	5 Internal	\$793



<b>Savage 110G</b>	.243 Winchester	3.82 kg	5 Internal	\$994
<b>Savage 110G</b>	.250 Savage	3.91 kg	4 Internal	\$1047
<b>Savage 110G</b>	.25-06 Remington	4.22 kg	5 Internal	\$1264
<b>Savage 110G</b>	.270 Winchester	4.46 kg	5 Internal	\$1453
<b>Savage 110G</b>	7mm-08 Remington	4.22 kg	5 Internal	\$1263
<b>Savage 110G</b>	7mm Remington Magnum	4.57 kg	4 Internal	\$1512
<b>Savage 110G</b>	7.62mm NATO	4.43 kg	5 Internal	\$1424
<b>Savage 110G</b>	.30-06 Springfield	4.79 kg	5 Internal	\$1705
<b>Savage 110G</b>	.300 Winchester Magnum	5.13 kg	4 Internal	\$2295
<b>Savage 110G</b>	.300 Savage	4.43 kg	4 Internal	\$1363
<b>Savage 110G</b>	.338 Winchester Magnum	5.55 kg	4 Internal	\$2516
<b>Savage 110GC</b>	.270 Winchester	4.41 kg	4	\$1452
<b>Savage 110GC</b>	7mm Remington Magnum	4.52 kg	3	\$1511
<b>Savage 110GC</b>	.30-06 Springfield	4.74 kg	4	\$1704
<b>Savage 110GC</b>	.300 Winchester Magnum	5.07 kg	3	\$2293

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Savage 110G (.22-250)</b>	BA	3	1-Nil	6	3	Nil	66
<b>Savage 110G (5.56mm)</b>	BA	3	1-Nil	6	3	Nil	71
<b>Savage 110G (.243)</b>	BA	3	2-Nil	6	3	Nil	66
<b>Savage 110G (.250)</b>	BA	3	1-2-Nil	7	4	Nil	102
<b>Savage 110G (.25-06)</b>	BA	4	2-Nil	7	4	Nil	58
<b>Savage 110G (.270)</b>	BA	4	2-3-Nil	7	4	Nil	61
<b>Savage 110G (7mm-08)</b>	BA	4	2-3-Nil	7	4	Nil	78
<b>Savage 110G (7mm Magnum)</b>	BA	4	1-2-3	7	4	Nil	87
<b>Savage 110G (7.62mm)</b>	BA	4	2-3-Nil	7	4	Nil	80
<b>Savage 110G (.30-06)</b>	BA	4	2-3-Nil	7	4	Nil	69
<b>Savage 110G (.300 Magnum)</b>	BA	5	1-2-3	7	4	Nil	90
<b>Savage 110G (.300 Savage)</b>	BA	5	1-2-3	7	4	Nil	107
<b>Savage 110G (.338 Magnum)</b>	BA	6	1-3-Nil	8	5	Nil	104
<b>Savage 110GC (.270)</b>	BA	4	2-3-Nil	7	4	Nil	61
<b>Savage 110GC (7mm Magnum)</b>	BA	4	1-2-3	7	4	Nil	87
<b>Savage 110GC (.30-06)</b>	BA	4	2-3-Nil	7	4	Nil	69
<b>Savage 110GC (.300 Magnum)</b>	BA	5	1-2-3	7	4	Nil	90

### Model 110BA

The Model 110BA is a new version, designed more as a tactical sniper rifle than as a hunting weapon, though it is also available for sale to civilians. Construction uses large amounts of light aluminum alloy and advanced steel grades, and it is relatively light compared to other sniper rifles of its class. However, construction is almost entirely of metal, with the exception of the pistol grip, adjustable cheekpiece, and the recoil pad. The 26-inch barrel is fluted to further reduce weight, and is tipped with a muzzle brake. The barrel is also free-floating. In addition to the adjustable cheekpiece, the stock is adjustable for length of pull. These adjustments are made through simple dials on the stock near the bottom. The top of the receiver has a MIL-STD-1913 rail for optics; the rifle has no iron sights unless they are purchased separately. The Model 110BA has Savage's AccuTrigger, which can be adjusted to incredibly low pull weights. The price below includes the cost of a scope.

Weapon	Ammunition	Weight	Magazines	Price
<b>Savage 110BA</b>	.300 Winchester Magnum	7.14 kg	6	\$2816
<b>Savage 110BA</b>	.338 Lapua Magnum	7.14 kg	5	\$3214

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Savage 110BA (.300 Magnum)</b>	BA	5	1-2-3	8	2	Nil	108
<b>With Bipod</b>	BA	5	1-2-3	8	1	Nil	140
<b>Savage 110BA (.338)</b>	BA	6	1-3-Nil	8	3	Nil	114
<b>With Bipod</b>	BA	6	1-3-Nil	8	1	Nil	148

### Model 110 Trophy Hunter XP

Similar in many ways to the Model 10XP, the Trophy Hunter is also its own rifle. The 22-inch barrel, in addition to standard Model 10/110 features, has a tapered profile. The stock is perhaps the most attractive feature of the Trophy Hunter; it is satin-finish beech with excellent visible grain, and checkered in the pistol grip wrist and fore-end. Exposed metalwork is blued to a matte black finish. Most of the metalwork is carbon steel. The Trophy Hunter has the AccuTrigger trigger pack and is sold with a Nikon 3-9x40 Scope

with a BDC Reticle. The Trophy Hunter has a detachable box magazine.

For game purposes, the International Trophy Hunter is virtually identical to the Trophy Hunter. Differences include better-quality wood, the use of a Weaver 3-9x40 scope, and the addition of another heavy magnum chambering.

The Trophy Hunter Youth and international Trophy Hunter Youth are, and the names indicate, smaller cousins of the larger rifles of the (almost) same name. They are essentially near-identical versions of the larger rifles, save for their 20-inch tapered barrels, synthetic stocks in either black or Coyote Tan, and exposed metalwork to match their stock color. They also have rubber recoil pads to match their stock color (almost, but not quite). They too come with the same scopes as their larger brethren. Chambering is different from the larger versions, and if you can handle the shorter length of pull and different balance point, you could have a shorter and more packable rifle in a decent chambering. The intent of the Youth rifles is, however, aimed at younger teenagers and older children, and smaller-statured adults. For game purposes, the International Trophy Hunter XP Youth is identical to the Trophy Hunter XP Youth.

Weapon	Ammunition	Weight	Magazines	Price
Savage 110 Trophy Hunter XP	.22-250 Remington	3.76 kg	5	\$1121
Savage 110 Trophy Hunter XP	5.56mm NATO	3.69 kg	5	\$1075
Savage 110 Trophy Hunter XP	.243 Winchester	4 kg	5	\$1276
Savage 110 Trophy Hunter XP	.270 Winchester	4.66 kg	5	\$1734
Savage 110 Trophy Hunter XP	7.62mm NATO	4.58 kg	5	\$1706
Savage 110 Trophy Hunter XP	.30-06 Springfield	4.93 kg	5	\$1986
Savage 110 Trophy Hunter XP	7mm Remington Magnum	4.68 kg	4	\$1773
Savage 110 Trophy Hunter XP	.300 Winchester Magnum	5.25 kg	4	\$2530
Savage 110 International Trophy Hunter XP	.338 Winchester Magnum	5.5 kg	4	\$2752
Savage 11 Trophy Hunter XP Youth	5.56mm NATO	3.05 kg	5	\$1063
Savage 11 Trophy Hunter XP Youth	.243 Winchester	3.31 kg	5	\$1266
Savage 11 Trophy Hunter XP Youth	7mm-08 Remington	3.53 kg	5	\$1535
Savage 11 Trophy Hunter XP Youth	7.62mm NATO	3.65 kg	5	\$1697

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 110 Trophy Hunter XP (.22-250)	BA	3	1-Nil	6	2	Nil	69
Savage 110 Trophy Hunter XP (5.56mm)	BA	3	1-Nil	6	2	Nil	73
Savage 110 Trophy Hunter XP (.243)	BA	3	2-Nil	7	2	Nil	70
Savage 110 Trophy Hunter XP (.270)	BA	4	2-3-Nil	7	3	Nil	64
Savage 110 Trophy Hunter XP (7.62mm)	BA	4	2-3-Nil	7	3	Nil	84
Savage 110 Trophy Hunter XP (.30-06)	BA	4	2-3-Nil	7	3	Nil	73
Savage 110 Trophy Hunter XP (7mm Magnum)	BA	4	1-2-3	7	3	Nil	81
Savage 110 Trophy Hunter XP (.300 Magnum)	BA	5	1-2-3	7	3	Nil	83
Savage 110 International Trophy Hunter XP (.338 Magnum)	BA	6	1-3-Nil	7	4	Nil	96
Savage 11 Trophy Hunter XP Youth (5.56mm)	BA	3	1-Nil	6	3	Nil	64
Savage 11 Trophy Hunter XP Youth (.243)	BA	3	2-Nil	6	3	Nil	60
Savage 11 Trophy Hunter XP Youth (7mm-08)	BA	4	2-3-Nil	6	4	Nil	70
Savage 11 Trophy Hunter XP Youth (7.62mm)	BA	4	2-3-Nil	7	4	Nil	87

Savage 111

Notes: The Model 111 – the “Classic Hunter” series – replaced the Savage 110 series in 1994 (until 2009). The various members of the Model 111 series are basically the same for game purposes, the differences being primarily in the stock patterns and/or materials used. The standard Model 111, (the 111F) has a synthetic straight comb stock. The variants of note are the Model 111FAK (also known as the Express), which has a barrel two inches shorter, but is equipped with a muzzle brake; and the Model 111FC, which has a detachable box magazine.

Twilight 2000 Notes: This is a rare rifle in the Twilight 2000 World, and the Model 111FAK is almost unheard of.

Weapon	Ammunition	Weight	Magazines	Price
Savage 111F	.22-250 Remington	2.9 kg	4 Internal	\$869
Savage 111F	5.56mm NATO	2.86 kg	4 Internal	\$823
Savage 111F	.243 Winchester	3.02 kg	4 Internal	\$1025
Savage 111F	.25-06 Remington	3.22 kg	4 Internal	\$1296



Savage 111F	.270 Winchester	3.42 kg	4 Internal	\$1485
Savage 111F	7mm Remington Magnum	3.45 kg	4 Internal	\$1525
Savage 111F	.300 Winchester Magnum	3.95 kg	4 Internal	\$2303
Savage 111F	.338 Winchester Magnum	4.09 kg	4 Internal	\$2526
Savage 111FAK	.270 Winchester	3.08 kg	4 Internal	\$1515
Savage 111FAK	7mm Remington Magnum	3.11 kg	4 Internal	\$1554
Savage 111FAK	.300 Winchester Magnum	3.53 kg	4 Internal	\$2292
Savage 111FAK	.30-06 Springfield	3.28 kg	4 Internal	\$1768
Savage 111FAK	.338 Winchester Magnum	3.69 kg	4 Internal	\$2515
Savage 111FC	.270 Winchester	3.31 kg	4	\$1484
Savage 111FC	7mm Remington Magnum	3.34 kg	4	\$1524
Savage 111FC	.300 Winchester Magnum	3.82 kg	4	\$2302
Savage 111FC	.30-06 Springfield	3.48 kg	4	\$1737

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 111F (.22-250)	BA	3	1-Nil	7	3	Nil	73
Savage 111F (5.56mm)	BA	3	1-Nil	7	3	Nil	76
Savage 111F (.243)	BA	3	2-Nil	7	3	Nil	74
Savage 111F (.25-06)	BA	4	1-2-Nil	7	4	Nil	78
Savage 111F/FC (.270)	BA	4	2-3-Nil	7	5	Nil	69
Savage 111F/FC (7mm)	BA	4	1-2-3	7	5	Nil	86
Savage 111F/FC (.300)	BA	5	1-2-3	7	4	Nil	89
Savage 111F (.338)	BA	6	1-3-Nil	8	6	Nil	103
Savage 111FAK (.270)	BA	4	2-3-Nil	7	4	Nil	60
Savage 111FAK (7mm)	BA	4	1-2-3	7	4	Nil	75
Savage 111FAK (.300)	BA	5	1-2-3	7	3	Nil	78
Savage 111FAK (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
Savage 111FAK (.338)	BA	6	1-2-3	7	4	Nil	90
Savage 111FC (.30-06)	BA	4	2-3-Nil	7	5	Nil	78

Thompson/Center Icon

Notes: Introduced in early 2007, the Icon is Thompson/Center's first centerfire bolt-action repeater. The entire rifle is designed for accuracy, from the precision barrel and action to the grain of the stock. Many new manufacturing processes were used for the production of the Icon, including vastly-improved barrel reaming, the use of an improved form of 5R rifling, a muzzle crowned at a 60-degree chamfer, and a solid-topped receiver with an integral MIL-STD-1913 rail. The bolt handle is of a butterknife design, something quite uncommon in this day and age, but quite easy to grasp and cycle. The bolt is surrounded by a skeletonized shroud, and the bolt itself is machined out of bar-stock steel. The stock is of fine-grained, dense walnut, with 20 dpi checkering on the pistol grip wrist and fore-end, and offers an almost straight-line profile; in addition, the butt has a Sims recoil pad. The trigger unit is removable in one piece, and secured in such a way to make it quite solid when mounted; it is also adjustable for weight of pull, takeup, and overtravel. The trigger also incorporates elements that prevent over-adjusting to the point where damage to the trigger unit would occur. The 24-inch barrel is free-floating and aluminum block-bedded (with the bedding blocks epoxied into the stock); there is virtually no flex to the bedding, and virtually no vibration of the barrel during shots. The primary safety is traditional, but there is also a bolt release that allows the bolt to be cycled without rounds actually being chambered. The Icon appears to be an exceptional rifle in virtually all aspects.

Twilight 2000 Notes: The Icon does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Icon	.22-250 Remington	3.4 kg	3	\$945
Icon	.243 Winchester	3.46 kg	3	\$1101
Icon	7mm Remington Magnum	4 kg	3	\$1554
Icon	.270 Winchester	4.02 kg	3	\$1573
Icon	.30 TC	3.58 kg	3	\$1480
Icon	7.62mm NATO	3.59 kg	3	\$1532
Icon	.30-06 Springfield	4.16 kg	3	\$1828
Icon	.300 Winchester Magnum	4.3 kg	3	\$2422

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Icon (.22-250)	BA	3	2-Nil	7	2	Nil	76
Icon (.243)	BA	3	2-Nil	7	3	Nil	78
Icon (7mm)	BA	4	1-2-3	7	4	Nil	90
Icon (.270)	BA	4	2-3-Nil	7	4	Nil	74
Icon (.30)	BA	4	2-3-Nil	7	4	Nil	93
Icon (7.62mm)	BA	4	2-3-Nil	7	4	Nil	94
Icon (.30-06)	BA	4	2-3-Nil	7	4	Nil	84
Icon (.300)	BA	5	2-3-Nil	7	4	Nil	96

Thompson/Center Venture

Notes: The next of T/Cs entry into the bolt-action market, the Venture is not only meant to be (IRL) a more budget-minded rifle, it also continues T/Cs designing of a rifle with several possible barrel lengths and especially, possible chamberings. Despite the budget-minded thoughts, the various models of the Venture have 5R rifled match-quality barrels with target crowns, a trigger adjustable for pull length and weight, a synthetic stock with a rubber recoil pad, Hogue grip panels on the fore-end and pistol grip wrist, a Melonite coated bolt, Nitride treatment for the rest of the external surfaces under blueing, and a guaranteed MOA accuracy. There are no iron sights; instead, the rifle is both grooved and drilled for scope mounts. The Venture Weather Shield Variant has a coating to increase weatherproofing and toughness of the interior and external metal parts, a stainless steel heavyweight barrel, and a treatment for the synthetic parts to match the metal's weatherproofing and toughness.

Barrels are 22 or 24 inches. Actual length of a particular Venture depends upon the chambering and barrel length; the LOP is identical in all cases. And now we go to the stats...

Weapon	Ammunition	Weight	Magazines	Price
Venture (22" Barrel)	.204 Ruger	3.18 kg	3	\$812
Venture (22" Barrel)	5.56mm NATO	3.21 kg	3	\$886
Venture (22" Barrel)	.22-250 Remington	3.23 kg	3	\$932
Venture (24" Barrel)	.25-06 Remington	3.44 kg	3	\$1379
Venture (22" Barrel)	.243 Winchester	3.32 kg	3	\$1088
Venture (24" Barrel)	.270 Winchester	3.54 kg	3	\$1569

Venture (22" Barrel)	.270 Winchester Short Magnum	3.44 kg	3	\$1338
Venture (24" Barrel)	.280 Remington	3.57 kg	3	\$1628
Venture (22" Barrel)	7mm-08 Remington	3.46 kg	3	\$1357
Venture (24" Barrel)	7mm Remington Magnum	3.57 kg	3	\$1608
Venture (22" Barrel)	.30 TC	3.5 kg	3	\$1466
Venture (22" Barrel)	7.62mm NATO	3.52 kg	3	\$1519
Venture (24" Barrel)	.30-06 Springfield	3.65 kg	3	\$1821
Venture (22" Barrel)	.300 Winchester Short Magnum	3.55 kg	3	\$1572
Venture (24" Barrel)	.300 Winchester Magnum	3.84 kg	3	\$2406
Venture (22" Barrel)	.338 Winchester Magnum	3.87 kg	3	\$2564
Venture Weather Shield (22" Barrel)	.22-250 Remington	3.26 kg	3	\$938
Venture Weather Shield (24" Barrel)	.270 Winchester	3.58 kg	3	\$1575
Venture Weather Shield (22" Barrel)	7mm-08 Remington	3.49 kg	3	\$1363
Venture Weather Shield (24" Barrel)	7mm Remington Magnum	3.61 kg	3	\$1614
Venture Weather Shield (22" Barrel)	7.62mm NATO	3.56 kg	3	\$1525
Venture Weather Shield (24" Barrel)	.30-06 Springfield	3.69 kg	3	\$1827
Venture Weather Shield (24" Barrel)	.300 Winchester Magnum	3.88 kg	3	\$2424

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Venture (.204)	BA	3	1-Nil	6	2	Nil	65
Venture (5.56mm)	BA	3	1-Nil	6	3	Nil	73
Venture (.22-250)	BA	3	1-Nil	6	3	Nil	68
Venture (.25-06)	BA	4	1-2-3	7	4	Nil	83
Venture (.243)	BA	3	2-Nil	7	3	Nil	69
Venture (.270)	BA	4	2-3-Nil	7	4	Nil	73
Venture (.270 WSM)	BA	4	1-2-3	7	4	Nil	93
Venture (.280)	BA	4	2-3-Nil	7	4	Nil	75
Venture (7mm-08)	BA	4	2-3-Nil	7	4	Nil	81
Venture (7mm Mag)	BA	4	1-2-3	7	4	Nil	91
Venture (.30)	BA	4	2-3-Nil	7	4	Nil	83
Venture (7.62mm)	BA	4	2-3-Nil	7	4	Nil	83
Venture (.30-06)	BA	4	2-3-Nil	7	4	Nil	83
Venture (.300 WSM)	BA	5	1-2-3	7	4	Nil	100
Venture (.300 WM)	BA	5	1-2-3	8	4	Nil	94
Venture (.338 WM)	BA	6	1-3-Nil	7	5	Nil	95
Venture Weather Shield (.22-250)	BA	3	1-Nil	6	3	Nil	71
Venture Weather Shield (.270)	BA	4	2-3-Nil	7	4	Nil	76
Venture Weather Shield (7mm-08)	BA	4	2-3-Nil	7	4	Nil	84
Venture Weather Shield	BA	4	1-2-3	7	4	Nil	94

(7mm Mag)							
Venture Weather Shield (7.62mm)	BA	4	2-3-Nil	7	4	Nil	86
Venture Weather Shield (.30-06)	BA	4	2-3-Nil	8	4	Nil	86
Venture Weather Shield (.300 WM)	BA	5	1-2-3	8	4	Nil	98

**Thunderbolt Special**

Notes: This hunting rifle started out as a custom modification of the Remington Model 700 BDL. The designer used a new round for it; this round is an 8mm Remington Magnum brass necked down to accept a 115-grain .257 caliber cartridge. The combination of a small round and large brass makes for a round with excellent penetrative power and great damage despite its small caliber. The stock is a new synthetic stock made by H-S Precision.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Thunderbolt Special	.257 STW	5.67 kg	5 Internal	\$1470

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Thunderbolt Special	BA	4	1-2-3	8	4	Nil	80

**Weatherby Mk V Accumark**

Notes: Introduced in 1996 and designed for shooting with great accuracy at long range, The Accumark is characterized by its adjustable trigger with a special mechanism for smooth trigger pull, long barrel, and synthetic stock. The stock is a true composite, built of Aramid, graphite fiber, and glass fiber. The metalwork is largely stainless steel, but the Accumark has a base plate for the attachment of a scope mount which is made from aircraft aluminum. The butt has a Pachmayr Decelerator butt plate which reduces felt recoil; certain models also have an AccuBrake muzzle device which further reduced felt recoil. The Accumark is chambered or was chambered for over 20 calibers over its lifetime, and it is still being built.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Accumark	.22-250 Remington Magnum	3.97 kg	3 Internal	\$978
Accumark	5.56mm NATO	3.97 kg	3 Internal	\$931
Accumark	.224 Weatherby Magnum	3.97 kg	3 Internal	\$981
Accumark	.240 Weatherby Magnum	3.97 kg	3 Internal	\$1298
Accumark	.257 Weatherby Magnum	3.97 kg	3 Internal	\$1429
Accumark	.270 Winchester	3.97 kg	3 Internal	\$1594
Accumark	.270 Weatherby Magnum	3.97 kg	3 Internal	\$1598
Accumark	7mm Remington Magnum	3.97 kg	3 Internal	\$1633
Accumark	7mm Weatherby Magnum	3.97 kg	3 Internal	\$1658
Accumark	7mm STW	3.97 kg	3 Internal	\$1808
Accumark	7.62mm NATO	3.97 kg	3 Internal	\$1565
Accumark	.30-06 Springfield	3.97 kg	3 Internal	\$1846
Accumark	.300 Winchester Magnum	3.97 kg	3 Internal	\$2479
Accumark	.300 Weatherby Magnum	3.97 kg	3 Internal	\$2599
Accumark	.30-378 Weatherby Magnum	4.08 kg	2 Internal	\$2758
Accumark	.338 Winchester Magnum	3.97 kg	3 Internal	\$2701
Accumark	.338-378 Weatherby Magnum	4.08 kg	2 Internal	\$3110
Accumark	.340 Weatherby Magnum	3.97 kg	3 Internal	\$2939
Accumark	.375 H&H Magnum	3.97 kg	3 Internal	\$3427
Accumark	.416 Weatherby Magnum	3.97 kg	3 Internal	\$4101
Accumark	.460 Weatherby Magnum	3.97 kg	3 Internal	\$4717

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Accumark (.22-250)	BA	3	2-Nil	7	2	Nil	84
Accumark (5.56mm)	BA	3	2-Nil	7	2	Nil	87
Accumark (.224)	BA	3	1-2-Nil	7	2	Nil	100
Accumark (.240)	BA	4	1-2-Nil	7	3	Nil	89
Accumark (.257)	BA	4	1-2-3	8	3	Nil	92
Accumark (.270 Win)	BA	4	2-3-Nil	8	4	Nil	83
Accumark (.270 Whby)	BA	4	1-2-3	8	4	Nil	100
Accumark (7mm Rem)	BA	4	1-2-3	8	4	Nil	104
Accumark (7mm Whby)	BA	4	1-2-3	8	4	Nil	102
Accumark (7mm STW)	BA	4	1-2-3	8	4	Nil	91
Accumark (7.62mm)	BA	4	2-3-Nil	8	4	Nil	105
Accumark (.30-06)	BA	4	2-3-Nil	8	4	Nil	95
Accumark (.300 Win)	BA	5	1-2-3	8	4	Nil	108
Accumark (.300 Whby)	BA	5	1-2-3	8	4	Nil	100
Accumark (.30-378)	BA	6	1-3-Nil	9	4	Nil	109
Accumark (.338 Win)	BA	6	1-3-Nil	8	5	Nil	124
Accumark (.338-378)	BA	6	1-3-Nil	9	4	Nil	119
Accumark (.340)	BA	6	1-3-Nil	8	5	Nil	110
Accumark (.375)	BA	7	1-3-5	9	5	Nil	121
Accumark (.416)	BA	7	1-3-5	9	5	Nil	130
Accumark (.460)	BA	8	1-2-3	9	7	Nil	131

**Weatherby Mark V Classic Custom**

Notes: Introduced in 1993, the Classic Custom is not at present featured on Weatherby's website, though I do not know when it was removed from the market. It is designed specifically for Weatherby's small and medium proprietary cartridges. The stock of the rifle is of oil-finished French walnut, with the tip of the fore-end being made of ebony, and the buttplate and cap of the pistol grip wrist

being of metal. The action is classic Mark V, except for the cocking indicator at the rear of the bolt. Barrels for all calibers is 26 inches, and the weight is also the same for all calibers. Like most Mark V variants, it has no iron sights, though it has bases and rings for a scope.

Twilight 2000 Notes: This is a rather rare weapon, even though it continued to be made in small numbers even after the November Nuclear Strikes.

Weapon	Ammunition	Weight	Magazines	Price
Classic Custom	.224 Weatherby Magnum	3.9 kg	3 Internal	\$880
Classic Custom	.240 Weatherby Magnum	3.9 kg	3 Internal	\$1197
Classic Custom	.257 Weatherby Magnum	3.9 kg	3 Internal	\$1327
Classic Custom	.270 Weatherby Magnum	3.9 kg	3 Internal	\$1496
Classic Custom	7mm Weatherby Magnum	3.9 kg	3 Internal	\$1555
Classic Custom	.300 Weatherby Magnum	3.9 kg	3 Internal	\$2469
Classic Custom	.30-378 Weatherby Magnum	3.9 kg	3 Internal	\$2513
Classic Custom	.338-378 Weatherby Magnum	3.9 kg	3 Internal	\$2864
Classic Custom	.340 Weatherby Magnum	3.9 kg	3 Internal	\$2807

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Classic Custom (.224)	BA	3	1-2-Nil	7	3	Nil	95
Classic Custom (.240)	BA	4	1-2-Nil	7	4	Nil	83
Classic Custom (.257)	BA	4	1-2-3	7	4	Nil	86
Classic Custom (.270)	BA	4	1-2-3	7	4	Nil	93
Classic Custom (7mm)	BA	4	1-2-3	8	4	Nil	95
Classic Custom (.300)	BA	5	1-2-3	8	5	Nil	93
Classic Custom (.30-378)	BA	5	1-2-3	8	5	Nil	90
Classic Custom (.338-378)	BA	6	1-3-Nil	8	6	Nil	99
Classic Custom (.340)	BA	6	1-3-Nil	8	6	Nil	102

Weatherby Mk V Crown Custom

Notes: This variant of the Mk V was introduced in 1989, and quickly became one of Weatherby's top sellers. It is still manufactured today. The Crown Custom was built for Weatherby by Howa of Japan from 1989-1994, but has been built by Saco Defense in the US since then. The stock is made form hand-carved walnut, and the parts are hand-fitted and made from special steel. The stock and fore-end have veneer inlays made form fine woods; the most prominent is the red diamond on the stock. The floorplate for the internal magazine is gold-plated and engraved. The fore-end has hand-carved initials of the person for whom the rifle was made. The butt has a special Pachmayr Decelerator plate which reduces felt recoil. The Crown Custom has a barrel of 24 or 26 inches (with other barrel lengths available with special orders); the calibers shown below are standard, but virtually any other caliber can be requested as a special order.

Weapon	Ammunition	Weight	Magazines	Price
Crown Custom (24" Barrel)	.257 Weatherby Magnum	3.17 kg	3 Internal	\$1394
Crown Custom (26" Barrel)	.257 Weatherby Magnum	3.2 kg	3 Internal	\$1415
Crown Custom (24" Barrel)	.270 Weatherby Magnum	3.33 kg	3 Internal	\$1563
Crown Custom (26" Barrel)	.270 Weatherby Magnum	3.36 kg	3 Internal	\$1584
Crown Custom (24" Barrel)	7mm Weatherby Magnum	3.38 kg	3 Internal	\$1622
Crown Custom (26" Barrel)	7mm Weatherby Magnum	3.41 kg	3 Internal	\$1643
Crown Custom (24" Barrel)	.300 Weatherby Magnum	3.89 kg	3 Internal	\$2519
Crown Custom (26" Barrel)	.300 Weatherby Magnum	3.92 kg	3 Internal	\$2584
Crown Custom (24" Barrel)	.340 Weatherby Magnum	4.16 kg	3 Internal	\$2858
Crown Custom (26" Barrel)	.340 Weatherby Magnum	4.19 kg	3 Internal	\$2922

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Crown Custom (24", .257)	BA	4	1-2-3	7	4	Nil	82
Crown Custom (26", .257)	BA	4	1-2-3	8	4	Nil	92
Crown Custom (24", .270)	BA	4	1-2-3	7	4	Nil	88
Crown Custom (26", .270)	BA	4	1-2-3	8	4	Nil	100
Crown Custom (24", 7mm)	BA	4	1-2-3	7	4	Nil	91
Crown Custom (26", 7mm)	BA	4	1-2-3	8	4	Nil	102
Crown Custom (24", .300)	BA	5	1-2-3	8	4	Nil	89
Crown Custom (26", .300)	BA	5	1-2-3	8	4	Nil	100
Crown Custom (24", .340)	BA	6	1-3-Nil	8	5	Nil	98



Crown Custom (26", .340)	BA	6	1-3-Nil	8	5	Nil	110
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**Weatherby Mk V Custom Outfitter**

Notes: This rifle is designed for extreme climates, particularly those that are cold and/or wet. The stock of the Outfitter is made of a composite of Aramid, graphite fiber, and glass fiber, usually finished in some sort of camouflage pattern (several patterns are available, as well as basic black). The metalwork is largely of polished steel plated with a thin but tough layer of titanium for resistance against corrosion. The sight base (the Outfitter has no iron sights) is made from aircraft aluminum, and the stock also has a sub-frame of the same aluminum to increase strength. The barrel is a Krieger Criterion barrel, made of stainless steel for standard calibers. For Magnum chamberings, the barrel is a special Krieger barrel which is cold-forged and has a bored-out muzzle. The barrels are 24 inches long for standard calibers and 26 inches for Magnum calibers. They are fluted to reduce weight, and are target-crowned and aluminum-block-bedded. The butt features the Pachmayr Decelerator butt plate to reduce felt recoil.

Twilight 2000 Notes: Introduced in 1997, this rifle is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Custom Outfitter	.243 Winchester	3.64 kg	3 Internal	\$1105
Custom Outfitter	.240 Weatherby Magnum	3.84 kg	3 Internal	\$1290
Custom Outfitter	.25-06 Remington	3.88 kg	3 Internal	\$1375
Custom Outfitter	.257 Weatherby Magnum	3.95 kg	3 Internal	\$1421
Custom Outfitter	.270 Winchester	4.04 kg	3 Internal	\$1565
Custom Outfitter	.270 Weatherby Magnum	4.09 kg	3 Internal	\$1590
Custom Outfitter	7mm Weatherby Magnum	4.14 kg	3 Internal	\$1650
Custom Outfitter	.280 Remington	4.09 kg	3 Internal	\$1624
Custom Outfitter	7mm-08 Remington	3.89 kg	3 Internal	\$1374
Custom Outfitter	7.62mm NATO	4.03 kg	3 Internal	\$1536
Custom Outfitter	.30-06 Springfield	4.26 kg	3 Internal	\$1818
Custom Outfitter	.300 Winchester Magnum	4.7 kg	3 Internal	\$2455
Custom Outfitter	.300 Weatherby Magnum	4.79 kg	3 Internal	\$2576

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Custom Outfitter (.243)	BA	3	2-Nil	7	3	Nil	77
Custom Outfitter (.240)	BA	4	1-2-Nil	7	3	Nil	85
Custom Outfitter (.25-06)	BA	4	2-3-Nil	7	3	Nil	67
Custom Outfitter (.257)	BA	4	1-2-3	7	3	Nil	88
Custom Outfitter (.270 Win)	BA	4	2-3-Nil	7	4	Nil	71
Custom Outfitter (.270 Whby)	BA	4	1-2-3	8	4	Nil	95
Custom Outfitter (7mm)	BA	4	1-2-3	8	4	Nil	98
Custom Outfitter (.280)	BA	4	2-3-Nil	7	4	Nil	73
Custom Outfitter (7mm-08)	BA	4	2-3-Nil	7	4	Nil	90
Custom Outfitter (7.62mm)	BA	4	2-3-Nil	7	4	Nil	92
Custom Outfitter (.30-06)	BA	4	2-3-Nil	7	4	Nil	80
Custom Outfitter (.300 Win)	BA	5	1-2-3	8	4	Nil	103
Custom Outfitter (.300 Whby)	BA	5	1-2-3	8	4	Nil	96

**Weatherby Mk V Deluxe**

Notes: One of the first rifles designed with the Mk V action, the Mk V deluxe was designed to fire a variety of powerful cartridges, most of them magnum, and most of them proprietary Weatherby cartridges. Introduced in 1958, the Mk V Deluxe was built for one year at Weatherby's Southgate facility; from 1959-1972, the Mk V Deluxe was built by Sauer in Germany, from 1972-1995, it was built by Howa in Japan, and from 1995 onward, it was made by Saco in the US. It is still being built today. The Deluxe has oil-finished and polished walnut Monte-Carlo-style stock with a raised comb. The fore-end tip and pistol-grip-wrist cap are of rosewood, with maple spacers. The fore-end and pistol grip wrist are finely checkered. Metalwork is largely of steel, usually of a polished blued finish. Only proprietary Weatherby chamberings of .257 Weatherby Magnum and above are available as standard today, but the Mk V Deluxe has been chambered for a plethora of cartridges in the past, and even today other chamberings are available upon request, as well as custom barrel and stock lengths. Heavier Weatherby chamberings (.378 and above) use the patented AccuBrake muzzle brake to reduce recoil. The most rare chambering is the .220 Weatherby Rocket caliber; this version was built in very small amounts for a few months in 1958 and 1959. The 7x64mm Brenneke, 8x68mm RWS, and 6.5mm RWS chamberings are also relatively rare, built only during the time that the Deluxe was made by Sauer. Non-Weatherby calibers have 24-inch barrels; Weatherby calibers up to .340 have 26-inch barrels; the larger Weatherby calibers use a 28-inch barrel.

Twilight 2000 Notes: The switchover to Saco production was incomplete by the beginning of the war, and thus the Saco facility turned out relatively few rifles before the war. Production of the Deluxe continued in Japan, even after the end of the Twilight War, without permission from Weatherby; they were even sold overseas under the Howa name.

Weapon	Ammunition	Weight	Magazines	Price
Mk V Deluxe	.220 Weatherby Rocket	2.15 kg	3 Internal	\$970
Mk V Deluxe	.22-250 Remington	2.05 kg	3 Internal	\$857
Mk V Deluxe	.224 Weatherby Magnum	2.07 kg	3 Internal	\$880
Mk V Deluxe	.240 Weatherby Magnum	2.59 kg	3 Internal	\$1197
Mk V Deluxe	.243 Winchester	2.19 kg	3 Internal	\$1012
Mk V Deluxe	.244 Remington	2.24 kg	3 Internal	\$1078
Mk V Deluxe	.257 Roberts	2.32 kg	3 Internal	\$1176
Mk V Deluxe	.257 Weatherby Magnum	2.69 kg	3 Internal	\$1327
Mk V Deluxe	6.5x68mm RWS	2.51 kg	3 Internal	\$1419
Mk V Deluxe	.270 Winchester	2.79 kg	3 Internal	\$1471
Mk V Deluxe	.270 Weatherby Magnum	2.81 kg	3 Internal	\$1496
Mk V Deluxe	7mm Mauser	2.72 kg	3 Internal	\$1380
Mk V Deluxe	7mm Remington Magnum	2.82 kg	3 Internal	\$1510
Mk V Deluxe	7x64mm Brenneke	2.82 kg	3 Internal	\$1515
Mk V Deluxe	7mm Weatherby Magnum	2.86 kg	3 Internal	\$1555
Mk V Deluxe	.300 Weatherby Magnum	3.25 kg	3 Internal	\$2469
Mk V Deluxe	.300 H&H Magnum	3.29 kg	3 Internal	\$2422
Mk V Deluxe	8x68mm RWS	3.32 kg	3 Internal	\$2460
Mk V Deluxe	.340 Weatherby Magnum	3.46 kg	3 Internal	\$2807
Mk V Deluxe	.375 Weatherby Magnum	3.77 kg	3 Internal	\$3294
Mk V Deluxe	.375 H&H Magnum	3.75 kg	3 Internal	\$3233
Mk V Deluxe	.378 Weatherby Magnum	3.86 kg	3 Internal	\$3466
Mk V Deluxe	.416 Weatherby Magnum	4.19 kg	3 Internal	\$4051
Mk V Deluxe	.460 Weatherby Magnum	4.52 kg	3 Internal	\$4690

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mk V Deluxe (.220)	BA	3	1-2-Nil	7	4	Nil	86
Mk V Deluxe (.22-250)	BA	3	1-Nil	7	4	Nil	73
Mk V Deluxe (.224)	BA	3	1-2-Nil	7	4	Nil	95
Mk V Deluxe (.240)	BA	4	1-2-Nil	7	5	Nil	83
Mk V Deluxe (.243)	BA	3	2-Nil	7	4	Nil	74
Mk V Deluxe (.244)	BA	3	2-Nil	7	5	Nil	69
Mk V Deluxe (.257 Roberts)	BA	4	2-Nil	7	5	Nil	73
Mk V Deluxe (.257 Whby)	BA	4	1-2-3	8	5	Nil	86
Mk V Deluxe (6.5x68mm)	BA	4	1-2-3	7	5	Nil	75
Mk V Deluxe (.270 Win)	BA	4	2-3-Nil	7	5	Nil	69
Mk V Deluxe (.270 Whby)	BA	4	1-2-3	8	5	Nil	93
Mk V Deluxe (7mm Mauser)	BA	4	2-3-Nil	7	5	Nil	80
Mk V Deluxe (7mm Rem Magnum)	BA	4	1-2-3	7	5	Nil	86
Mk V Deluxe (7x64mm)	BA	4	1-2-3	7	5	Nil	86
Mk V Deluxe (7mm Whby)	BA	4	1-2-3	8	5	Nil	95
Mk V Deluxe (.300 Whby)	BA	5	1-2-3	8	5	Nil	93
Mk V Deluxe (.300 H&H)	BA	5	1-2-3	8	5	Nil	82
Mk V Deluxe (8x68mm)	BA	6	1-2-3	8	5	Nil	92
Mk V Deluxe (.340)	BA	6	1-3-Nil	8	6	Nil	102
Mk V Deluxe (.375 Whby)	BA	7	1-3-5	9	6	Nil	112
Mk V Deluxe (.375 H&H)	BA	7	1-3-5	8	6	Nil	99
Mk V Deluxe (.378)	BA	7	1-3-5	9	6	Nil	122
Mk V Deluxe (.416)	BA	7	1-3-5	10	6	Nil	136
Mk V Deluxe (.460)	BA	8	1-2-3	10	7	Nil	136

**Weatherby Mk V DGR**

Notes: The DGR (Dangerous Game Rifle) is, as the name would indicate, designed for the hunting of large, dangerous creatures such as bears, lions, rhinos, alligators, etc. As one might imagine, it is chambered only for powerful rounds; the smallest chambering of the DGR is .300 Weatherby Magnum. The stock is made from a composite of Aramid, graphite fiber, and glass fiber, with an internal framework of aircraft aluminum. Unlike most Weatherby rifles, the DGR does have iron sights, so that it can be used for stalking as well as ranged hunting. These sights consist of an adjustable rear leaf sight which is about a third of the way down the

barrel, and front bead sight with a gold tip and protected by a tunnel. In addition, the receiver is drilled and tapped for a scope. The butt is equipped with a Pachmayr Decelerator device to help absorb some of the recoil; in addition, in rifles chambered for .378 and above, the DGR also has an AccuBrake muzzle brake to further tame recoil. Barrels are 24 inches for .375 chamberings and below, and 26 inches for other calibers.

Twilight 2000 Notes: Introduced in 2001, this rifle is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
DGR	.300 Weatherby Magnum	3.57 kg	3 Internal	\$2499
DGR	.340 Weatherby Magnum	3.74 kg	3 Internal	\$2838
DGR	.375 H&H Magnum	3.97 kg	3 Internal	\$3327
DGR	.375 Weatherby Magnum	3.97 kg	3 Internal	\$3327
DGR	.378 Weatherby Magnum	4.11 kg	3 Internal	\$3499
DGR	.416 Remington Magnum	4.35 kg	3 Internal	\$4010
DGR	.416 Weatherby Magnum	4.38 kg	3 Internal	\$4086
DGR	.458 Winchester Magnum	4.43 kg	3 Internal	\$4200
DGR	.458 Lott	4.6 kg	3 Internal	\$4590
DGR	.460 Weatherby Magnum	4.66 kg	3 Internal	\$4727

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
DGR (.300)	BA	5	1-2-3	7	4	Nil	82
DGR (.340)	BA	6	1-3-Nil	8	5	Nil	91
DGR (.375 H&H)	BA	7	1-3-5	8	5	Nil	99
DGR (.375 Whby)	BA	7	1-3-5	8	5	Nil	99
DGR (.378)	BA	7	1-3-5	9	4	Nil	109
DGR (.416 Rem)	BA	7	1-3-5	9	4	Nil	122
DGR (.416 Whby)	BA	7	1-3-5	9	4	Nil	121
DGR (.458 Win)	BA	8	1-3-5	9	4	Nil	122
DGR (.458 Lott)	BA	8	1-2-3	9	5	Nil	122
DGR (.460)	BA	8	1-2-3	9	5	Nil	122

### Weatherby Mk V Euromark

Notes: As you might guess from the name, the Euromark was designed to introduce Weatherby rifles to the European market. The Euromark Was actually built by Howa in Japan from 1986-1994; after that, production was moved to Saco in the US (at which time the .240 and .460 chamberings were also dropped, since they were never popular in Europe). Originally manufactured for all the Weatherby proprietary calibers (except .224 Weatherby Magnum and .416 Weatherby Magnum) as well as .30-06 Springfield, the Euromark was later also manufactured in 7mm Remington Magnum, .300 Winchester Magnum, .338 Winchester Magnum, .378 Winchester Magnum and .416 Weatherby Magnum to satisfy the demands of the customers. The Euromark uses a Claro walnut stock of specially chosen wood, with a fore-end tip and pistol grip wrist cap of ebony. The stock is of the Monte Carlo style. The butt is equipped with the Pachmayr Decelerator device which reduces felt recoil; higher-power Weatherby chamberings (.378 and up), the Euromark is also equipped with the AccuBrake muzzle brake. For all non-Weatherby calibers except .30-06, the barrel is 24 inches. For lower-power Weatherby chamberings, the barrel is 26 inches. Higher-power Weatherby calibers (.378 and up) use a 28-inch barrel.

The Eurosport variant was introduced in Europe in 1991, but was not available on American markets until 1995. It has a slightly different stock design, with a pistol grip wrist that is not as deep and has ribs instead of checkering. (The fore-end is still checkered.) The Eurosport does not have the ebony caps for the fore-end or pistol grip wrist. Metalwork is largely of stainless steel finish instead of a polished blued finish. Not as many calibers are available, and most are proprietary Weatherby calibers. Again, non-Weatherby calibers have a barrel of 24 inches; Weatherby calibers use a 26-inch barrel. The Eurosport does use the Pachmayr Decelerator butt plate. Neither the Euromark nor the Eurosport have iron sights; they are drilled and tapped for a telescopic sight, however.

Neither of these rifles are now listed on Weatherby's web site. If they are being sold, they are not shown. If they are no longer being sold, I do not know when they were discontinued.

Twilight 2000 Notes: Howa is still building the Euromark; however, they build it under the Howa name (without permission from Weatherby), and sell them not to Europe, but largely in Japan and the Far East. Saco also build the Euromark in small numbers for the US, largely to equip US military and militia snipers as well as hunters. The Eurosport is not being built by anyone in the Twilight 2000 timeline, though it was built before the war.

Weapon	Ammunition	Weight	Magazines	Price
Euromark	.240 Weatherby Magnum	3.83 kg	3 Internal	\$1272
Euromark	.257 Weatherby Magnum	3.9 kg	3 Internal	\$1402
Euromark	.270 Weatherby Magnum	4 kg	3 Internal	\$1571
Euromark	7mm Remington Magnum	3.6 kg	3 Internal	\$1585
Euromark	7mm Weatherby Magnum	4.03 kg	3 Internal	\$1630

<b>Euromark</b>	.30-06 Springfield	3.7 kg	3 Internal	\$1798
<b>Euromark</b>	.300 Winchester Magnum	3.81 kg	3 Internal	\$2363
<b>Euromark</b>	.300 Weatherby Magnum	4.18 kg	3 Internal	\$2544
<b>Euromark</b>	.338 Winchester Magnum	3.99 kg	3 Internal	\$2584
<b>Euromark</b>	.340 Weatherby Magnum	4.25 kg	3 Internal	\$2882
<b>Euromark</b>	.375 H&H Magnum	4.27 kg	3 Internal	\$3308
<b>Euromark</b>	.378 Weatherby Magnum	4.3 kg	3 Internal	\$3541
<b>Euromark</b>	.416 Weatherby Magnum	4.8 kg	3 Internal	\$4126
<b>Euromark</b>	.460 Weatherby Magnum	5.18 kg	3 Internal	\$4765
<b>Eurosport</b>	.257 Weatherby Magnum	3.6 kg	3 Internal	\$1402
<b>Eurosport</b>	.270 Weatherby Magnum	3.69 kg	3 Internal	\$1571
<b>Eurosport</b>	7mm Remington Magnum	3.6 kg	3 Internal	\$1585
<b>Eurosport</b>	7mm Weatherby Magnum	3.72 kg	3 Internal	\$1630
<b>Eurosport</b>	.300 Winchester Magnum	3.81 kg	3 Internal	\$2363
<b>Eurosport</b>	.300 Weatherby Magnum	3.73 kg	3 Internal	\$2544
<b>Eurosport</b>	.338 Winchester Magnum	3.74 kg	3 Internal	\$2584
<b>Eurosport</b>	.340 Weatherby Magnum	3.92 kg	3 Internal	\$2878
<b>Eurosport</b>	.375 H&H Magnum	3.75 kg	3 Internal	\$3308

<b>Weapon</b>	<b>ROF</b>	<b>Damage</b>	<b>Pen</b>	<b>Bulk</b>	<b>SS</b>	<b>Burst</b>	<b>Range</b>
<b>Euromark (.240)</b>	BA	4	1-2-Nil	7	3	Nil	83
<b>Euromark (.257)</b>	BA	4	1-2-3	7	4	Nil	86
<b>Euromark (.270)</b>	BA	4	1-2-3	7	4	Nil	93
<b>Euromark (7mm Rem)</b>	BA	4	1-2-3	7	4	Nil	86
<b>Euromark (7mm Whby)</b>	BA	4	1-2-3	8	4	Nil	95
<b>Euromark (.30-06)</b>	BA	4	2-3-Nil	7	4	Nil	78
<b>Euromark (.300 Win)</b>	BA	5	2-3-Nil	7	4	Nil	89
<b>Euromark (.300 Whby)</b>	BA	5	1-2-3	8	4	Nil	93
<b>Euromark (.338)</b>	BA	6	1-3-Nil	8	5	Nil	103
<b>Euromark (.340)</b>	BA	6	1-3-Nil	8	5	Nil	102
<b>Euromark (.375)</b>	BA	7	1-3-5	8	5	Nil	99
<b>Euromark (.378)</b>	BA	7	1-3-5	9	4	Nil	122
<b>Euromark (.416)</b>	BA	7	1-3-5	9	4	Nil	136
<b>Euromark (.460)</b>	BA	8	1-2-3	10	4	Nil	136
<b>Eurosport (.257)</b>	BA	4	1-2-3	7	4	Nil	86
<b>Eurosport (.270)</b>	BA	4	1-2-3	7	4	Nil	93
<b>Eurosport (7mm Rem)</b>	BA	4	1-2-3	7	4	Nil	86
<b>Eurosport (7mm Whby)</b>	BA	4	1-2-3	8	4	Nil	95
<b>Eurosport (.300 Win)</b>	BA	5	2-3-Nil	7	4	Nil	89
<b>Eurosport (.300 Whby)</b>	BA	5	1-2-3	8	4	Nil	93
<b>Eurosport (.338)</b>	BA	6	1-3-Nil	8	5	Nil	103
<b>Eurosport (.340)</b>	BA	6	1-3-Nil	8	5	Nil	102
<b>Eurosport (.375)</b>	BA	7	1-3-5	8	5	Nil	99

**Weatherby Mk V FibermarkSynthetic**

Notes: This variant of the Mk V, introduced in 1983, has a stock made of a composite material composed of Aramid, graphite fibers, and glass fibers, with a reinforcing frame of aircraft aluminum. From 1983-1994, it was actually built by Howa in Japan; during that time, it was known as the Fibermark Synthetic; some time later, the Synthetic moniker was dropped. It was originally chambered only for Weatherby proprietary cartridges from .240 to .340 as well as .30-05 Springfield, but other calibers were added later during Japanese manufacture. In 1995, production was brought back to the US under Saco Defense, and more calibers were added, ranging from .22-250 to .375 H&H Magnum, and Weatherby cartridges up to .375 were also added. In 2002, .416 Weatherby Magnum was also added. In 1992, a variant of the Fibermark known as the Fibermark Alaskan was introduced; this is basically the same as the standard Fibermark (for game terms), but the metal parts are nickel-plated for weather resistance, and calibers are limited to Weatherby cartridges ranging from .270 to .340. The Fibermark Alaskan stopped production in 1995. Another variant, the Fibermark Stainless, was added in 2001; this version has stainless steel metalwork. The Stainless is made for a more restricted range of calibers, but the magazine capacity is in some cases larger than is standard for Weatherby Mk Vs, and it also has the Pachmayr Decelerator butt plate, which other Fibermarks do not have. In addition, the Fibermark Stainless chambered for .30-378 has an AccuBrake. Barrel lengths for non-Weatherby calibers is 24 inches; for most Weatherby cartridges, barrel length is 26 inches, and for the .30-378 version of the Fibermark Stainless, the barrel length is 28 inches.



Current standard chamberings for the Fibermark Synthetic are the Weatherby calibers from .257 to .340 (with the exception of the .338-378), 7mm Remington Magnum, .300 Winchester Magnum, and .375 H&H Magnum. Other calibers are available upon request. As far as I can tell, the current Fibermark Synthetic is similar to the Fibermark Stainless, except for the weight and the addition of a Pachmayr Decelerator buttplate, as well as the .30-378 Weatherby Magnum chambering (with Accubrake).

Twilight 2000 Notes: Howa continued to make the standard version of the Fibermark even after the end of the Twilight War, under their own name and shipping them throughout the Far East. Saco also made the Fibermark in the US, but at a greatly-reduced rate of production after the November Nuclear Strikes due to the lack of composite materials (and often other materials were substituted).

Fibermark Alaskan production continued, at a lower rate, by Howa. The Fibermark Stainless was built, but only in exceedingly small numbers; stainless steel was hard to come by. The Pachmayr Decelerator butt plate was not available to Weatherby and Saco, so the new style Fibermark Synthetic rifles were also not built.

Weapon	Ammunition	Weight	Magazines	Price
Fibermark Synthetic	.22-250 Remington	3.63 kg	3 Internal	\$869
Fibermark Synthetic	.240 Weatherby Magnum	3.63 kg	3 Internal	\$1210
Fibermark Synthetic	.243 Winchester	3.63 kg	3 Internal	\$1025
Fibermark Synthetic	.25-06 Remington	3.63 kg	3 Internal	\$1296
Fibermark Synthetic	.257 Weatherby Magnum	3.63 kg	3 Internal	\$1341
Fibermark Synthetic	.270 Winchester	3.63 kg	3 Internal	\$1485
Fibermark Synthetic	.270 Weatherby Magnum	3.63 kg	3 Internal	\$1510
Fibermark Synthetic	.280 Remington	3.63 kg	3 Internal	\$1544
Fibermark Synthetic	7mm-08 Remington	3.63 kg	3 Internal	\$1294
Fibermark Synthetic	7mm Remington Magnum	3.63 kg	3 Internal	\$1524
Fibermark Synthetic	7mm Weatherby Magnum	3.63 kg	3 Internal	\$1570
Fibermark Synthetic	7.62mm NATO	3.63 kg	3 Internal	\$1456
Fibermark Synthetic	.30-06 Springfield	3.63 kg	3 Internal	\$1738
Fibermark Synthetic	.300 Winchester Magnum	3.63 kg	3 Internal	\$2303
Fibermark Synthetic	.300 Weatherby Magnum	3.63 kg	3 Internal	\$2485
Fibermark Synthetic	.338 Winchester Magnum	3.63 kg	3 Internal	\$2525
Fibermark Synthetic	.340 Weatherby Magnum	3.63 kg	3 Internal	\$2824
Fibermark Synthetic	.375 H&H Magnum	3.74 kg	3 Internal	\$3251
Fibermark Synthetic	.375 Weatherby Magnum	3.74 kg	3 Internal	\$3313
Fibermark Synthetic	.416 Weatherby Magnum	3.74 kg	3 Internal	\$3961
Fibermark Stainless	.22-250 Remington	3.1 kg	4 Internal	\$944
Fibermark Stainless	.240 Weatherby Magnum	3.1 kg	5 Internal	\$1285
Fibermark Stainless	.243 Winchester	3.1 kg	5 Internal	\$1100
Fibermark Stainless	.25-06 Remington	3.1 kg	5 Internal	\$1371
Fibermark Stainless	.257 Weatherby Magnum	3.5 kg	3 Internal	\$1416
Fibermark Stainless	.270 Winchester	3.1 kg	5 Internal	\$1560
Fibermark Stainless	.270 Weatherby Magnum	3.5 kg	3 Internal	\$1585
Fibermark Stainless	.280 Remington	3.1 kg	5 Internal	\$1620
Fibermark Stainless	7mm-08 Remington	3.1 kg	5 Internal	\$1370
Fibermark Stainless	7mm Remington Magnum	3.5 kg	3 Internal	\$1599
Fibermark Stainless	7mm Weatherby Magnum	3.5 kg	3 Internal	\$1645
Fibermark Stainless	7.62mm NATO	3.1 kg	5 Internal	\$1532
Fibermark Stainless	.30-06 Springfield	3.1 kg	5 Internal	\$1813
Fibermark Stainless	.300 Winchester Magnum	3.5 kg	3 Internal	\$2378
Fibermark Stainless	.300 Weatherby Magnum	3.5 kg	3 Internal	\$2560
Fibermark Stainless	.30-378 Weatherby Magnum	3.9 kg	2 Internal	\$2715
Fibermark Stainless	.338 Winchester Magnum	3.5 kg	3 Internal	\$2600
Fibermark Stainless	.340 Weatherby Magnum	3.5 kg	3 Internal	\$2899
Fibermark Stainless	.375 H&H Magnum	3.5 kg	3 Internal	\$3327
Fibermark Stainless	.375 Weatherby Magnum	3.5 kg	3 Internal	\$3388
Fibermark Stainless	.416 Weatherby Magnum	3.5 kg	3 Internal	\$4036
Fibermark Synthetic (New)	.257 Weatherby Magnum	3.63 kg	3 Internal	\$1416
Fibermark Synthetic (New)	.270 Weatherby Magnum	3.63 kg	3 Internal	\$1585
Fibermark Synthetic (New)	7mm Remington Magnum	3.63 kg	3 Internal	\$1599
Fibermark Synthetic (New)	7mm Weatherby Magnum	3.63 kg	3 Internal	\$1645
Fibermark Synthetic (New)	.300 Winchester Magnum	3.63 kg	3 Internal	\$2378
Fibermark Synthetic (New)	.300 Weatherby Magnum	3.63 kg	3 Internal	\$2560
Fibermark Synthetic (New)	.30-378 Weatherby Magnum	3.9 kg	3 Internal	\$2715
Fibermark Synthetic (New)	.340 Weatherby Magnum	3.63 kg	3 Internal	\$2899

Fibermark Synthetic (New)		.375 H&H Magnum	3.74 kg	3 Internal	\$3327		
Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Fibermark Synthetic (.22-250)	BA	3	1-Nil	7	3	Nil	73
Fibermark Synthetic (.240)	BA	4	1-2-Nil	7	4	Nil	83
Fibermark Synthetic (.243)	BA	3	2-Nil	7	3	Nil	74
Fibermark Synthetic (.25-06)	BA	4	2-Nil	7	4	Nil	65
Fibermark Synthetic (.257)	BA	4	1-2-3	7	4	Nil	86
Fibermark Synthetic (.270 Win)	BA	4	2-3-Nil	7	4	Nil	69
Fibermark Synthetic (.270 Whby)	BA	4	1-2-3	7	4	Nil	93
Fibermark Synthetic (.280)	BA	4	2-3-Nil	7	4	Nil	70
Fibermark Synthetic (7mm-08)	BA	4	2-3-Nil	7	4	Nil	87
Fibermark Synthetic (7mm Rem)	BA	4	1-2-3	7	4	Nil	86
Fibermark Synthetic (7mm Whby)	BA	4	1-2-3	8	5	Nil	95
Fibermark Synthetic (7.62mm)	BA	4	2-3-Nil	7	5	Nil	89
Fibermark Synthetic (.30-06)	BA	4	2-3-Nil	7	5	Nil	78
Fibermark Synthetic (.300 Win)	BA	5	2-3-Nil	7	5	Nil	89
Fibermark Synthetic (.300 Whby)	BA	5	1-2-3	8	5	Nil	93
Fibermark Synthetic (.338)	BA	6	1-3-Nil	8	6	Nil	103
Fibermark Synthetic (.340)	BA	6	1-3-Nil	8	6	Nil	102
Fibermark Synthetic (.375 H&H)	BA	7	1-3-5	8	6	Nil	99
Fibermark Synthetic (.375 Whby)	BA	7	1-3-5	8	6	Nil	112
Fibermark Synthetic (.416)	BA	7	1-3-5	9	7	Nil	121
Fibermark Stainless (.22-250)	BA	3	1-Nil	7	3	Nil	73
Fibermark Stainless (.240)	BA	4	1-2-Nil	7	4	Nil	83
Fibermark Stainless (.243)	BA	3	2-Nil	7	3	Nil	74
Fibermark Stainless (.25-06)	BA	4	2-Nil	7	4	Nil	65
Fibermark Stainless (.257)	BA	4	1-2-3	7	4	Nil	86
Fibermark Stainless (.270 Win)	BA	4	2-3-Nil	7	4	Nil	69
Fibermark Stainless (.270 Whby)	BA	4	1-2-3	7	4	Nil	93
Fibermark Stainless (.280)	BA	4	2-3-Nil	7	4	Nil	70
Fibermark Stainless (7mm-08)	BA	4	2-3-Nil	7	4	Nil	87
Fibermark Stainless (7mm Rem)	BA	4	1-2-3	7	4	Nil	86
Fibermark Stainless (7mm Whby)	BA	4	1-2-3	8	4	Nil	95
Fibermark Stainless (7.62mm)	BA	4	2-3-Nil	7	4	Nil	89
Fibermark Stainless (.30-06)	BA	4	2-3-Nil	7	4	Nil	78
Fibermark Stainless (.300 Win)	BA	5	2-3-Nil	7	4	Nil	89
Fibermark Stainless (.300 Whby)	BA	5	1-2-3	8	4	Nil	93
Fibermark Stainless (.30-378)	BA	6	1-3-Nil	8	4	Nil	101
Fibermark Stainless (.338)	BA	6	1-3-Nil	8	5	Nil	103
Fibermark Stainless (.340)	BA	6	1-3-Nil	8	5	Nil	102
Fibermark Stainless (.375 H&H)	BA	7	1-3-5	8	5	Nil	99
Fibermark Stainless (.375 Whby)	BA	7	1-3-5	8	5	Nil	112
Fibermark Stainless (.416)	BA	7	1-3-5	9	6	Nil	121
Fibermark Synthetic (New, .257)	BA	4	1-2-3	7	4	Nil	86
Fibermark Synthetic (New, .270 Whby)	BA	4	1-2-3	7	4	Nil	93
Fibermark Synthetic (New, 7mm Rem)	BA	4	1-2-3	7	4	Nil	86
Fibermark Synthetic (New, 7mm Whby)	BA	4	1-2-3	8	4	Nil	95
Fibermark Synthetic (New, .300 Win)	BA	5	2-3-Nil	7	4	Nil	89
Fibermark Synthetic (New, .300 Whby)	BA	5	1-2-3	8	4	Nil	93
Fibermark Synthetic (New, .30-378)	BA	6	1-3-Nil	8	4	Nil	101
Fibermark Synthetic (New, .340)	BA	6	1-3-Nil	8	5	Nil	102
Fibermark Synthetic (New, .375 H&H)	BA	7	1-3-5	8	5	Nil	99

Weatherby Mk V Lazermark

Notes: Introduced in 1981, this special model of the Mk V Deluxe features laser etching on the pistol grip wrist and fore-end of the stock, something quite rare in 1981 (and still rather rare today). As with most Weatherby rifles of this period, the Lazermark was built



by Howa in Japan from 1981-1994, and Saco in the US in 1995 and afterwards. It is chambered only for Weatherby proprietary rounds, and the .460 Weatherby Magnum version is also equipped with an AccuBrake muzzle device to help tame the enormous recoil. From .257 to .375 caliber, the barrel is 26 inches long; with larger calibers, the barrel is a full 28 inches.

Current chamberings listed on the Weatherby web site only go up to .340 Weatherby Magnum, but it is probable that other chamberings may be gotten through the Custom Shop.

Weapon	Ammunition	Weight	Magazines	Price
Lazermark	.257 Weatherby Magnum	3.9 kg	3 Internal	\$1327
Lazermark	.270 Weatherby Magnum	3.9 kg	3 Internal	\$1496
Lazermark	7mm Weatherby Magnum	3.9 kg	3 Internal	\$1555
Lazermark	.300 Weatherby Magnum	3.9 kg	3 Internal	\$2469
Lazermark	.340 Weatherby Magnum	3.9 kg	3 Internal	\$2807
Lazermark	.375 Weatherby Magnum	3.9 kg	3 Internal	\$3294
Lazermark	.378 Weatherby Magnum	4.3 kg	3 Internal	\$3416
Lazermark	.416 Weatherby Magnum	4.3 kg	3 Internal	\$4001
Lazermark	.460 Weatherby Magnum	4.8 kg	3 Internal	\$4690

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Lazermark (.257)	BA	4	1-2-3	7	4	Nil	86
Lazermark (.270)	BA	4	1-2-3	7	4	Nil	93
Lazermark (7mm)	BA	4	1-2-3	8	4	Nil	95
Lazermark (.300)	BA	5	1-2-3	8	5	Nil	93
Lazermark (.340)	BA	6	1-3-Nil	8	6	Nil	102
Lazermark (.375)	BA	7	1-3-5	8	6	Nil	112
Lazermark (.378)	BA	7	1-3-5	9	6	Nil	122
Lazermark (.416)	BA	7	1-3-5	9	6	Nil	136
Lazermark (.460)	BA	8	1-2-3	10	5	Nil	136

**Weatherby Mk V Royal Custom/Safari Grade Custom**

Notes: These two rifles have the same base, but differ significantly in some details. The Safari Grade Custom came first in 1989; it has a French walnut stock, oil-finished and polished, and with a fore-end cap of ebony. The bottom of the plate of the internal magazine is engraved with the words “Safari Custom.” The metalwork is finished in deep blue which is highly polished. The original Safari Grade Custom had no iron sights, but a rear adjustable leaf sight and a front V-shaped sight in a protective tunnel were added in 1991. As with most Weatherby rifles, they were built in Japan until 1989, but production shifted to Saco in the US in 1995. The Safari Grade was made for virtually all Weatherby rounds .340 and above except .375 Weatherby Magnum and the newer .30-378. In 1992, with the advent of the Safari Grade Custom II, .375 H&H Magnum was added, and later, .257, .270 and 7mm were added. The .378, .416, and .460 models are equipped with the AccuBrake device. The standard barrel is 26 inches.

The Royal Custom is similar, but is made with a stock of finer-grade wood, has no iron sights, and has a receiver decorated with lines of 24-carat gold and engravings. In addition, part of the mechanism is nickel-plated and polished. The floorplate of the internal magazine is gold-plated and engraved with scrollwork and an animal design of the buyer’s choice. The parts of the rifle are hand-fitted and finished, and the bolt-knob is checkered. These rifles are not generally for sale “off the rack,” but instead made for individual buyers. The standard barrel is 26 inches, but other barrel lengths are available upon order. The standard calibers for the Royal Custom are normally restricted to Weatherby calibers between .257 and .340, but again, others can be had upon specific order. The Royal Custom is otherwise identical to the Safari Grade Custom for game purposes.

Twilight 2000 Notes: Not introduced until 2002, the Royal Custom is not available in the Twilight 2000 timeline. The Safari Grade Custom is still built by Howa as well as being built in very small numbers by Saco.

Weapon	Ammunition	Weight	Magazines	Price
Safari Grade Custom	.257 Weatherby Magnum	3.9 kg	3 Internal	\$1327
Safari Grade Custom	.270 Weatherby Magnum	4 kg	3 Internal	\$1496
Safari Grade Custom	7mm Weatherby Magnum	4.03 kg	3 Internal	\$1555
Safari Grade Custom	.300 Weatherby Magnum	4.34 kg	3 Internal	\$2469
Safari Grade Custom	.340 Weatherby Magnum	4.49 kg	3 Internal	\$2807
Safari Grade Custom	.375 H&H Magnum	4.69 kg	3 Internal	\$3294
Safari Grade Custom	.378 Weatherby Magnum	4.78 kg	3 Internal	\$3405
Safari Grade Custom	.416 Weatherby Magnum	4.99 kg	3 Internal	\$3990
Safari Grade Custom	.460 Weatherby Magnum	5.19 kg	3 Internal	\$4629

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Safari Grade Custom (.257)	BA	4	1-2-3	7	4	Nil	86
Safari Grade Custom (.270)	BA	4	1-2-3	7	4	Nil	93

Safari Grade Custom (7mm)	BA	4	1-2-3	8	4	Nil	95
Safari Grade Custom (.300)	BA	5	1-2-3	8	4	Nil	93
Safari Grade Custom (.340)	BA	6	1-3-Nil	8	5	Nil	102
Safari Grade Custom (.375)	BA	7	1-3-5	8	6	Nil	112
Safari Grade Custom (.378)	BA	7	1-3-5	9	4	Nil	109
Safari Grade Custom (.416)	BA	7	1-3-5	9	4	Nil	121
Safari Grade Custom (.460)	BA	8	1-2-3	9	5	Nil	122

**Weatherby Mk V SBGM**

Notes: The SBGM (Super Big GameMaster) is a medium hunting rifle firing an exotic (and proprietary) small caliber magnum cartridges, as well as other cartridges. It is more powerful version of the Super Varmintmaster, with the necessary adjustments to fire the more powerful cartridge, and with an internal magazine added. The stock is of high-impact plastic strengthened with internal blocks of aircraft aluminum, and is equipped with a Pachmayr Decelerator butt plate to reduce felt recoil. The barrel is a special Krieger Criterion barrel which is fluted for better heat dissipation and to slightly reduce weight. The muzzle is bored out and target-crowned to produce better accuracy. Weatherby does sort of “stack the deck” in favor of their own ammunition; Super Big GameMasters firing Weatherby cartridges have a 26-inch barrel, while others have a 24-inch barrel. The .240 Weatherby Magnum chambering is an exception; it also has a 24-inch barrel.

The SBGM was introduced in 2002; however, it should be noted that it is not listed on Weatherby’s web site at this time, and may be no longer offered.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
SBGM	.240 Weatherby Magnum	3.1 kg	3 Internal	\$1290
SBGM	.243 Winchester	2.6 kg	3 Internal	\$1105
SBGM	25-06 Remington	2.69 kg	3 Internal	\$1375
SBGM	.257 Weatherby Magnum	3.13 kg	3 Internal	\$1364
SBGM	.270 Winchester	2.75 kg	3 Internal	\$1565
SBGM	.270 Weatherby Magnum	3.21 kg	3 Internal	\$1590
SBGM	.280 Remington	2.77 kg	3 Internal	\$1624
SBGM	7mm-08 Remington	2.71 kg	3 Internal	\$1374
SBGM	7mm Remington Magnum	2.77 kg	3 Internal	\$1604
SBGM	7mm Weatherby Magnum	3.23 kg	3 Internal	\$1650
SBGM	7.62mm NATO	2.75 kg	3 Internal	\$1536
SBGM	.300 Winchester Magnum	2.96 kg	3 Internal	\$2393
SBGM	.300 Weatherby Magnum	3.49 kg	3 Internal	\$2576
SBGM	.338-06 A-Square	3.07 kg	3 Internal	\$2870

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SBGM (.240)	BA	4	1-2-Nil	7	4	Nil	85
SBGM (.243)	BA	3	2-Nil	7	3	Nil	77
SBGM (.25-06)	BA	4	2-3-Nil	7	4	Nil	67
SBGM (.257)	BA	4	1-2-Nil	7	4	Nil	86
SBGM (.270 Win)	BA	4	2-3-Nil	7	4	Nil	71
SBGM (.270 Whby)	BA	4	1-2-3	8	4	Nil	95
SBGM (.280)	BA	4	2-3-Nil	7	4	Nil	73
SBGM (7mm-08)	BA	4	2-3-Nil	7	4	Nil	90
SBGM (7mm Rem)	BA	4	1-2-3	7	4	Nil	88
SBGM (7mm Whby)	BA	4	1-2-3	8	4	Nil	98
SBGM (7.62mm)	BA	4	2-3-Nil	7	5	Nil	92
SBGM (.300 Win)	BA	5	2-3-Nil	7	4	Nil	92
SBGM (.300 Whby)	BA	5	1-2-3	8	4	Nil	96
SBGM (.338-06)	BA	6	1-3-Nil	8	6	Nil	92

**Weatherby Mk V SLS**

Notes: The SLS (Stainless Laminate Sporter) is sort of an all-weather version of the Sporter, but it also differs from the Sporter in many ways. It was introduced in 1997, and as such has always been manufactured in the US. The calibers are all Weatherby calibers, with the exception of .338 Winchester Magnum, 7mm Remington Magnum and .300 Winchester Magnum. As with most Weatherby rifles, the Weatherby calibers use a 26-inch barrel, while non-Weatherby chamberings use a 24-inch barrel. The receiver and barrel are of stainless steel, but are blued and polished. The trigger guard and the floorplate of the internal magazine are made from light alloy. The stock is of walnut, but is laminated against the elements, and the butt has a Pachmayr Decelerator butt plate to

help absorb recoil. There are no iron sights, but the receiver is drilled and tapped for a scope.

Twilight 2000 Notes: This rifle is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
SLS	.257 Weatherby Magnum	3.9 kg	3 Internal	\$1402
SLS	.270 Weatherby Magnum	3.9 kg	3 Internal	\$1571
SLS	7mm Remington Magnum	3.9 kg	3 Internal	\$1585
SLS	7mm Weatherby Magnum	3.9 kg	3 Internal	\$1630
SLS	.300 Winchester Magnum	3.9 kg	3 Internal	\$2363
SLS	.300 Weatherby Magnum	3.9 kg	3 Internal	\$2544
SLS	.338 Winchester Magnum	3.9 kg	3 Internal	\$2584
SLS	.340 Weatherby Magnum	3.9 kg	3 Internal	\$2882

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SLS (.257)	BA	4	1-2-3	7	4	Nil	86
SLS (.270)	BA	4	1-2-3	7	4	Nil	93
SLS (7mm Rem)	BA	4	1-2-3	7	4	Nil	86
SLS (7mm Whby)	BA	4	1-2-3	8	4	Nil	95
SLS (.300 Win)	BA	5	2-3-Nil	7	4	Nil	89
SLS (.300 Whby)	BA	5	1-2-3	8	4	Nil	93
SLS (.338)	BA	6	1-3-Nil	8	5	Nil	103
SLS (.340)	BA	6	1-3-Nil	8	5	Nil	102

**Weatherby Mk V SPM**

Notes: Introduced in 2001, the SPM (Super Predator Master) is a rifle designed for varmint and small predator hunting using small-caliber rounds. It is one of the few rifles Weatherby has built which does not use any of Weatherby's proprietary rounds. It is a light weapon with a stock of high-impact plastic reinforced with aircraft-quality aluminum bars. The barrel is a heavy Krieger Criterion barrel designed to enhance accuracy, and is fluted to further reduce weight and enhance cooling. The stock has a Pachmayr Decelerator butt plate to reduce felt recoil. The internal magazine's capacity is larger than is usual for Weatherby rifles.

It should be noted that this rifle is not at present offered on Weatherby's web site; it may have been discontinued.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
SPM	5.56mm NATO	2.8 kg	5 Internal	\$904
SPM	.22-250 Remington	2.82 kg	4 Internal	\$950
SPM	.243 Winchester	2.88 kg	5 Internal	\$1106
SPM	7mm-08 Remington	2.98 kg	5 Internal	\$1376
SPM	7.62mm NATO	3.03 kg	5 Internal	\$1538

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SPM (5.56mm)	BA	3	1-Nil	7	3	Nil	78
SPM (.22-250)	BA	3	1-Nil	7	3	Nil	75
SPM (.243)	BA	3	2-Nil	7	3	Nil	77
SPM (7mm-08)	BA	4	2-3-Nil	7	4	Nil	90
SPM (7.62mm)	BA	4	2-3-Nil	7	4	Nil	93

**Weatherby Mk V Sporter**

Notes: Basically a more affordable version of the Mk V Deluxe, the Sporter features a Claro walnut stock with a satin urethane finish, with a pistol grip wrist and a Monte Carlo-type cheek. It was introduced in 1993, built by Howa in Japan until 1994, and then production was taken over by Saco Defense in the US. Like most late-model Weatherby rifles, it has the Pachmayr Decelerator butt plate to soften recoil. The metalwork is bead-blasted and finished to a dull shine. The receiver sits on steel blocks in the stock, which are then wedged to the wood with glass resin. The trigger is adjustable. As with most Weatherby rifles, the non-Weatherby calibers use a 24-inch barrel, while the Weatherby chamberings have a 26-inch barrel. The Sporter was introduced chambered for the Weatherby calibers shown as well as 7mm Remington Magnum, .300 Winchester Magnum, and .338 Winchester Magnum, but several others were added in 2000. It should be noted, however, that only the original calibers, with the exception of .338 Winchester Magnum, are now shown on the Weatherby web site.

In 2005, introduced a version of this rifle in .338 Lapua Magnum. The rifle is largely the same as other Sporters, except for the changes necessary to adapt to the new caliber, most of which include strengthening and beefing up of the bolt and chamber, and of course the barrel. The barrel is made by Howa of Japan, of heavy profile, and 24 inches long. Other features are the same as the standard Sporter. More advanced construction methods have made it lighter than the standard Sporter.

Twilight 2000 Notes: This is a rare rifle, except in the Far East, where Howa continued to build it long after the Twilight War.

Weapon	Ammunition	Weight	Magazines	Price
Sporter	.22-250 Remington	3.63 kg	3 Internal	\$932
Sporter	.240 Weatherby Magnum	3.63 kg	3 Internal	\$1272
Sporter	.243 Winchester	3.63 kg	3 Internal	\$1087
Sporter	.25-06 Remington	3.63 kg	3 Internal	\$1357
Sporter	.257 Weatherby Magnum	3.63 kg	3 Internal	\$1402
Sporter	.270 Winchester	3.63 kg	3 Internal	\$1546
Sporter	.270 Weatherby Magnum	3.63 kg	3 Internal	\$1571
Sporter	7mm-08 Remington	3.63 kg	3 Internal	\$1356
Sporter	7mm Remington Magnum	3.63 kg	3 Internal	\$1585
Sporter	7mm Weatherby Magnum	3.63 kg	3 Internal	\$1630
Sporter	.280 Remington	3.63 kg	3 Internal	\$1605
Sporter	7.62mm NATO	3.63 kg	3 Internal	\$1517
Sporter	.30-06 Springfield	3.63 kg	3 Internal	\$1718
Sporter	.300 Winchester Magnum	3.63 kg	3 Internal	\$2363
Sporter	.300 Weatherby Magnum	3.63 kg	3 Internal	\$2544
Sporter	.338 Lapua Magnum	3.51 kg	3 Internal	\$2680
Sporter	.338 Winchester Magnum	3.63 kg	3 Internal	\$2584
Sporter	.340 Weatherby Magnum	3.63 kg	3 Internal	\$2882

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sporter (.22-250)	BA	3	1-Nil	7	2	Nil	73
Sporter (.240)	BA	4	1-2-Nil	7	4	Nil	83
Sporter (.243)	BA	3	2-Nil	7	3	Nil	74
Sporter (.25-06)	BA	4	2-Nil	7	4	Nil	65
Sporter (.257)	BA	4	1-2-3	7	4	Nil	86
Sporter (.270 Win)	BA	4	2-3-Nil	7	4	Nil	69
Sporter (.270 Whby)	BA	4	1-2-3	7	4	Nil	93
Sporter (7mm-08)	BA	4	2-3-Nil	7	4	Nil	87
Sporter (7mm Rem)	BA	4	1-2-3	7	4	Nil	86
Sporter (7mm Whby)	BA	4	1-2-3	8	4	Nil	95
Sporter (.280)	BA	4	2-3-Nil	7	4	Nil	70
Sporter (7.62mm)	BA	4	2-3-Nil	7	4	Nil	89
Sporter (.30-06)	BA	4	2-3-Nil	7	4	Nil	78
Sporter (.300 Win)	BA	5	2-3-Nil	7	4	Nil	90
Sporter (.300 Whby)	BA	5	1-2-3	8	4	Nil	93
Sporter (.338 Lapua)	BA	6	1-3-Nil	7	5	Nil	76
Sporter (.338 Win)	BA	6	1-3-Nil	8	5	Nil	103
Sporter (.340)	BA	6	1-3-Nil	8	5	Nil	102

**Weatherby Mk V Stainless**

Notes: This rifle is designed for inclement weather; it has largely stainless steel metalwork and a stock of high-impact plastic. It was introduced in 1995, and thus has always been American-made. The Stainless has no iron sights, but is drilled and tapped for a scope. The standard barrel for magnum calibers is 26 inches (with the exception of the .240 Weatherby Magnum), and for other calibers, 24 inches; however, a carbine variant exists which has a barrel only 20 inches long, and is available in only three chamberings. In both cases, the barrel is a special Krieger Criterion barrel, and the stainless steel metalwork is bead-blasted and blued. The trigger is adjustable to a very high degree, for pull weight, length of pull, and sear engagement. The .30-378 and .338-378 versions have the AccuBrake device to help tame recoil.

Twilight 2000 Notes: This is an extremely rare rifle; the plastic for the stock became rather hard to find in the wake of the November Nuclear Strikes. The rifle is not offered in .30-378 or .338-378.

Weapon	Ammunition	Weight	Magazines	Price
Stainless	.22-250 Remington	3.06 kg	4 Internal	\$869
Stainless	.240 Weatherby Magnum	2.95 kg	5 Internal	\$1190
Stainless	.243 Winchester	2.95 kg	5 Internal	\$1025
Stainless	.25-06 Remington	2.95 kg	5 Internal	\$1240
Stainless	.257 Weatherby Magnum	3.63 kg	3 Internal	\$1341
Stainless	.270 Winchester	2.95 kg	5 Internal	\$1485
Stainless	.270 Weatherby Magnum	3.63 kg	3 Internal	\$1510

Stainless	7mm-08 Remington	2.95 kg	5 Internal	\$1295
Stainless	7mm Remington Magnum	3.63 kg	3 Internal	\$1545
Stainless	7mm Weatherby Magnum	3.63 kg	3 Internal	\$1570
Stainless	.280 Remington	2.95 kg	5 Internal	\$1545
Stainless	.30-06 Springfield	2.95 kg	5 Internal	\$1738
Stainless	.300 Winchester Magnum	3.63 kg	3 Internal	\$2364
Stainless	.300 Weatherby Magnum	3.63 kg	3 Internal	\$2485
Stainless	.30-378 Weatherby Magnum	3.86 kg	2 Internal	\$2579
Stainless	.338 Winchester Magnum	3.63 kg	3 Internal	\$2586
Stainless	.338-378 Weatherby Magnum	3.86 kg	2 Internal	\$2932
Stainless	.340 Weatherby Magnum	3.63 kg	3 Internal	\$2824
Stainless	.375 H&H Magnum	3.74 kg	3 Internal	\$3313
Stainless Carbine	.243 Winchester	2.7 kg	5 Internal	\$984
Stainless Carbine	7mm-08 Remington	2.7 kg	5 Internal	\$1254
Stainless Carbine	7.62mm NATO	2.7 kg	5 Internal	\$1416

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Stainless (.22-250)	BA	3	1-Nil	7	3	Nil	78
Stainless (.240)	BA	3	1-2-Nil	7	5	Nil	73
Stainless (.243)	BA	3	2-Nil	7	3	Nil	74
Stainless (.25-06)	BA	4	2-Nil	7	5	Nil	63
Stainless (.257)	BA	4	1-2-3	7	4	Nil	86
Stainless (.270 Win)	BA	4	2-3-Nil	7	5	Nil	69
Stainless (.270 Whby)	BA	4	1-2-3	7	4	Nil	93
Stainless (7mm-08)	BA	4	2-3-Nil	7	5	Nil	87
Stainless (7mm Rem)	BA	4	1-2-3	8	4	Nil	97
Stainless (7mm Whby)	BA	4	1-2-3	8	5	Nil	95
Stainless (.280)	BA	4	2-3-Nil	7	5	Nil	70
Stainless (.30-06)	BA	4	2-3-Nil	7	5	Nil	78
Stainless (.300 Win)	BA	5	1-2-3	8	5	Nil	100
Stainless (.300 Whby)	BA	5	1-2-3	8	5	Nil	93
Stainless (.30-378)	BA	5	1-2-3	8	3	Nil	90
Stainless (.338)	BA	6	1-3-Nil	8	6	Nil	115
Stainless (.338-378)	BA	6	1-3-Nil	8	4	Nil	99
Stainless (.340)	BA	6	1-3-Nil	8	6	Nil	102
Stainless (.375)	BA	7	1-3-5	8	6	Nil	112
Stainless Carbine (.243)	BA	3	2-Nil	6	4	Nil	57
Stainless Carbine (7mm-08)	BA	4	2-3-Nil	6	5	Nil	67
Stainless Carbine (7.62mm)	BA	4	2-3-Nil	6	5	Nil	68

**Weatherby Mk V SVM**

Notes: The SVM (Super VarmintMaster) is a weapon that is designed for the hunting of small game at long range and for pest control. The SVM is a descendant of the old Varmint Master made for Weatherby by Sauer back in 1964, but the SVM is a vastly improved weapon over that rifle. The SVM was introduced in 2000, and has thus always been produced in the US. It is a long-barreled small-caliber rifle with a heavy, fluted barrel that is cold-forged. The Super VarmintMaster has a synthetic stock that is light tan or dark gray in color, made of high-impact plastic and reinforced with aircraft aluminum bars; the butt features the Pachmayr Decelerator butt plate. The rifle has bases and rings for a scope, but there are no iron sights. There are two versions of this rifle: a single-shot version, and a version fed by an internal magazine.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
SVM	.220 Swift	3.83 kg	1 Internal	\$719
SVM	5.56mm NATO	3.83 kg	1 Internal	\$650
SVM	.22-250 Remington	3.83 kg	1 Internal	\$673
SVM	.243 Winchester	3.83 kg	1 Internal	\$751
SVM	7mm-08 Remington	3.83 kg	1 Internal	\$886
SVM	7.62mm NATO	3.83 kg	1 Internal	\$967
SVM	.220 Swift	3.9 kg	5 Internal	\$1062
SVM	5.56mm NATO	3.9 kg	5 Internal	\$925



SVM	.22-250 Remington	3.9 kg	4 Internal	\$971
SVM	.243 Winchester	3.9 kg	5 Internal	\$1127
SVM	7mm-08 Remington	3.9 kg	5 Internal	\$1396
SVM	7.62mm NATO	3.9 kg	5 Internal	\$1559

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SVM (.220)	SS	3	2-Nil	6	2	Nil	75
SVM (5.56mm)	SS	3	2-Nil	6	2	Nil	85
SVM (.22-250)	SS	3	2-Nil	6	2	Nil	82
SVM (.243)	SS	3	2-Nil	6	3	Nil	85
SVM (7mm-08)	SS	4	2-3-Nil	7	4	Nil	100
SVM (7.62mm)	SS	4	2-3-Nil	7	4	Nil	102
SVM (.220)	BA	3	2-Nil	6	2	Nil	75
SVM (5.56mm)	BA	3	2-Nil	6	2	Nil	85
SVM (.22-250)	BA	3	2-Nil	6	2	Nil	82
SVM (.243)	BA	3	2-Nil	6	3	Nil	85
SVM (7mm-08)	BA	4	2-3-Nil	7	4	Nil	100
SVM (7.62mm)	BA	4	2-3-Nil	7	4	Nil	102

Weatherby Mk V Synthetic

Notes: Basically a non-stainless version of the Stainless, the Synthetic was introduced in 1995. The Synthetic comes in rifle and carbine versions, and virtually the same calibers (plus a one more). The barrel is a Krieger Criterion barrel. The metalwork is standard steel, bead-blasted and blued. The trigger is extremely adjustable, for weight of pull, length of pull, and sear actuation. Weight is the same as the Stainless, despite the synthetic stock; you really can't go much lighter than the Stainless and still have manageable recoil! Magnum calibers have a 26-inch barrel, while other calibers use a 24-inch barrel. The .30-378 and .338-378 calibers use an AccuBrake to further dampen recoil. The rifles use a Pachmayr Decelerator butt plate.

Twilight 2000 Notes: This version of the Mk V was not built after the November Nuclear Strikes. The carbine variant was built as early as 1996, but they are extremely rare. The .30-378 and .338-378 models are not available in the Twilight 2000 timeline, nor is the version chambered for 7mm STW.

Weapon	Ammunition	Weight	Magazines	Price
Synthetic	.22-250 Remington	3.06 kg	4 Internal	\$879
Synthetic	.240 Weatherby Magnum	2.95 kg	5 Internal	\$1265
Synthetic	.243 Winchester	2.95 kg	5 Internal	\$1100
Synthetic	.25-06 Remington	2.95 kg	5 Internal	\$1325
Synthetic	.257 Weatherby Magnum	3.63 kg	3 Internal	\$1416
Synthetic	.270 Winchester	2.95 kg	5 Internal	\$1560
Synthetic	.270 Weatherby Magnum	3.63 kg	3 Internal	\$1585
Synthetic	7mm-08 Remington	2.95 kg	5 Internal	\$1370
Synthetic	7mm Remington Magnum	3.63 kg	3 Internal	\$1620
Synthetic	7mm Weatherby Magnum	3.63 kg	3 Internal	\$1645
Synthetic	7mm STW	3.63 kg	3 Internal	\$1795
Synthetic	.280 Remington	2.95 kg	5 Internal	\$1620
Synthetic	.30-06 Springfield	2.95 kg	5 Internal	\$1813
Synthetic	.300 Winchester Magnum	3.63 kg	3 Internal	\$2439
Synthetic	.300 Weatherby Magnum	3.63 kg	3 Internal	\$2560
Synthetic	.30-378 Weatherby Magnum	3.86 kg	2 Internal	\$2654
Synthetic	.338 Winchester Magnum	3.63 kg	3 Internal	\$2611
Synthetic	.338-378 Weatherby Magnum	3.86 kg	2 Internal	\$3007
Synthetic	.340 Weatherby Magnum	3.63 kg	3 Internal	\$2889
Synthetic	.375 H&H Magnum	3.74 kg	3 Internal	\$3388
Synthetic Carbine	.243 Winchester	2.7 kg	5 Internal	\$1059
Synthetic Carbine	7mm-08 Remington	2.7 kg	5 Internal	\$1329
Synthetic Carbine	7.62mm NATO	2.7 kg	5 Internal	\$1491

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Synthetic (.22-250)	BA	3	1-Nil	7	3	Nil	78
Synthetic (.240)	BA	3	1-2-Nil	7	4	Nil	73
Synthetic (.243)	BA	3	2-Nil	7	3	Nil	74
Synthetic (.25-06)	BA	4	2-Nil	7	4	Nil	63



Synthetic (.257)	BA	4	1-2-3	7	4	Nil	86
Synthetic (.270 Win)	BA	4	2-3-Nil	7	4	Nil	69
Synthetic (.270 Whby)	BA	4	1-2-3	7	4	Nil	93
Synthetic (7mm-08)	BA	4	2-3-Nil	7	4	Nil	87
Synthetic (7mm Rem)	BA	4	1-2-3	8	4	Nil	97
Synthetic (7mm Whby)	BA	4	1-2-3	8	4	Nil	95
Synthetic (7mm STW)	BA	4	1-2-3	8	4	Nil	85
Synthetic (.280)	BA	4	2-3-Nil	7	4	Nil	70
Synthetic (.30-06)	BA	4	2-3-Nil	7	4	Nil	78
Synthetic (.300 Win)	BA	5	1-2-3	8	4	Nil	100
Synthetic (.300 Whby)	BA	5	1-2-3	8	4	Nil	93
Synthetic (.30-378)	BA	5	1-2-3	8	3	Nil	90
Synthetic (.338)	BA	6	1-3-Nil	8	5	Nil	115
Synthetic (.338-378)	BA	6	1-3-Nil	8	4	Nil	99
Synthetic (.340)	BA	6	1-3-Nil	8	5	Nil	102
Synthetic (.375)	BA	7	1-3-5	8	4	Nil	112
Synthetic Carbine (.243)	BA	3	2-Nil	6	3	Nil	57
Synthetic Carbine (7mm-08)	BA	4	2-3-Nil	6	4	Nil	67
Synthetic Carbine (7.62mm)	BA	4	2-3-Nil	6	4	Nil	68

Weatherby Mk V Ultra Lightweight

Notes: As it sounds, this is a very lightweight walking-around rifle designed for hunting on all-day forays or in rough terrain. The barrel is of fluted, heat-treated stainless steel, but most of the rest of the rifle is made from light components – light alloys and high-impact plastic. The stock also has an aircraft aluminum underframe to strengthen it. Since the rifle is so light, the Ultra Lightweight is equipped with a Pachmayr Decelerator butt plate to help take up the recoil. The barrels are still full length (for Weatherby), being 24 inches for standard calibers or 26 inches for magnum calibers (with the exception of .240 Weatherby Magnum). The barrel is a special Krieger Criterion barrel which is target-crowned.

Twilight 2000 Notes: Not introduced until 1998, this rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Ultra Lightweight	.243 Winchester	2.61 kg	3 Internal	\$1102
Ultra Lightweight	.240 Weatherby Magnum	2.61 kg	3 Internal	\$1267
Ultra Lightweight	.25-06 Remington	2.61 kg	3 Internal	\$1373
Ultra Lightweight	.257 Weatherby Magnum	3.06 kg	3 Internal	\$1418
Ultra Lightweight	.270 Winchester	2.61 kg	3 Internal	\$1562
Ultra Lightweight	.270 Weatherby Magnum	3.06 kg	3 Internal	\$1588
Ultra Lightweight	7mm-08 Remington	2.61 kg	3 Internal	\$1372
Ultra Lightweight	7mm Remington Magnum	3.06 kg	3 Internal	\$1622
Ultra Lightweight	.280 Remington	2.61 kg	3 Internal	\$1622
Ultra Lightweight	7mm Weatherby Magnum	3.06 kg	3 Internal	\$1647
Ultra Lightweight	7.62mm NATO	2.61 kg	3 Internal	\$1534
Ultra Lightweight	.30-06 Springfield	2.61 kg	3 Internal	\$1815
Ultra Lightweight	.300 Winchester Magnum	3.06 kg	3 Internal	\$2447
Ultra Lightweight	.300 Weatherby Magnum	3.06 kg	3 Internal	\$2568
Ultra Lightweight	.338-06 A-Square	3.06 kg	3 Internal	\$2924

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ultra Lightweight (.243)	BA	3	2-Nil	7	3	Nil	75
Ultra Lightweight (.240)	BA	3	1-2-Nil	7	4	Nil	75
Ultra Lightweight (.25-06)	BA	4	2-3-Nil	7	4	Nil	66
Ultra Lightweight (.257)	BA	4	1-2-3	7	4	Nil	87
Ultra Lightweight (.270 Win)	BA	4	2-3-Nil	7	5	Nil	70
Ultra Lightweight (.270 Whby)	BA	4	1-2-3	8	4	Nil	94
Ultra Lightweight (7mm-08)	BA	4	2-3-Nil	7	4	Nil	89
Ultra Lightweight (7mm Rem)	BA	4	1-2-3	8	4	Nil	98
Ultra Lightweight (.280)	BA	4	2-3-Nil	7	5	Nil	71
Ultra Lightweight (7mm Whby)	BA	4	1-2-3	8	4	Nil	96
Ultra Lightweight (7.62mm)	BA	4	2-3-Nil	7	5	Nil	91
Ultra Lightweight (.30-06)	BA	4	2-3-Nil	7	5	Nil	79

Ultra Lightweight (.300 Win)	BA	5	1-2-3	8	4	Nil	102
Ultra Lightweight (.300 Whby)	BA	5	1-2-3	8	4	Nil	94
Ultra Lightweight (.338-06)	BA	6	1-3-Nil	8	6	Nil	103

**Weatherby Vanguard**

Notes: This is a synthetic-stocked bolt-action sporter that blends features of the Mark V and .460 Magnum Deluxe with some new features. It does have some styling features that make it “look like a Weatherby,” but there are several differences, such as the Howa action. The Vanguard is known to be an accurate and easy to use weapon. It is drilled and tapped for a scope.

Twilight 2000 Notes: This weapon is very rare.

Weapon	Ammunition	Weight	Magazines	Price
Vanguard	5.56mm NATO	2.37 kg	5	\$823
Vanguard	.22-250 Remington	2.45 kg	5	\$871
Vanguard	.243 Winchester	2.69 kg	5	\$1025
Vanguard	.270 Winchester	3.4 kg	5	\$1486
Vanguard	7.62mm NATO	3.35 kg	5	\$1457
Vanguard	.30-06 Springfield	3.79 kg	5	\$1738
Vanguard	.257 Weatherby Magnum	3.12 kg	3	\$1320
Vanguard	.270 Winchester Short Magnum	3.05 kg	3	\$1275
Vanguard	7mm Remington Magnum	3.43 kg	3	\$1524
Vanguard	.300 Winchester Short Magnum	3.41 kg	3	\$1510
Vanguard	.300 Winchester Magnum	4.48 kg	3	\$2303
Vanguard	.300 Weatherby Magnum	4.68 kg	3	\$2424
Vanguard	.338 Winchester Magnum	4.83 kg	3	\$2525

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Vanguard (5.56mm)	BA	3	1-Nil	7	4	Nil	76
Vanguard (.22-250)	BA	3	1-Nil	7	4	Nil	73
Vanguard (.243)	BA	3	2-Nil	7	4	Nil	74
Vanguard (.270)	BA	4	2-3-Nil	7	5	Nil	69
Vanguard (7.62mm)	BA	4	2-3-Nil	7	5	Nil	89
Vanguard (.30-06)	BA	4	2-3-Nil	7	4	Nil	78
Vanguard (.257 Magnum)	BA	4	1-2-3	7	5	Nil	76
Vanguard (.270 Short Magnum)	BA	5	1-2-3	7	5	Nil	100
Vanguard (7mm Magnum)	BA	4	1-2-3	7	5	Nil	86
Vanguard (.300 Short Magnum)	BA	5	1-2-3	7	5	Nil	108
Vanguard (.300 Winchester)	BA	5	2-3-Nil	7	4	Nil	90
Vanguard (.300 Weatherby)	BA	6	1-2-3	7	4	Nil	82
Vanguard (.338 Winchester)	BA	6	1-3-Nil	8	5	Nil	103

Winchester M-43

Notes: This is a “junior rifle,” a rifle meant for beginners and children as a first rifle. It has a surprising amount of features for a junior rifle, such as a 24-inch barrel, vernier rear sight, sling swivels, and a well-shaped bolt handle, as well as a generous selection of chamberings.

Weapon	Ammunition	Weight	Magazines	Price
M-43	.218 Bee	3.2 kg	3	\$688
M-43	.22 Hornet	3.22 kg	3	\$699
M-43	.25-20 Winchester	3.39 kg	3	\$812
M-43	.32-20 Winchester	2.87 kg	3	\$443

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-43 (.218)	BA	3	1-Nil	6	3	Nil	76
M-43 (.22)	BA	3	1-Nil	6	3	Nil	78
M-43 (.25-20)	BA	3	2-Nil	7	3	Nil	76
M-43 (.32-20)	BA	2	1-Nil	6	2	Nil	76

Winchester M-52

Notes: This rifle began as a heavy target rifle designed for competition in the National Rifle Matches, which were popular after World War 1. The original (M-52A) was a very large, heavy rifle, with a 28-inch barrel and curved box magazines. Later, the magazine design was simplified, the cocking piece was lightened, and the barrel shortened to 24 inches; this produced the M-52B. The top of the rifle had an iron sight, and was also drilled to accept a telescopic sight mount. Variants of note include the M-52 Heavy Barrel Target Rifle, with a heavy 24-inch barrel and a special match-style stock, as well as provision for target optical sights and counterweights. The M-52B Bull Gun had an extra-heavy barrel. The M-52C Heavy Barrel was as the M-52 Heavy Barrel Target Rifle, but had a heavy 28-inch barrel; the M-52C Bull Barrel had an extra-heavy barrel.

Weapon	Ammunition	Weight	Magazines	Price
M-52A	.22 Long Rifle	4.44 kg	5, 10	\$350
M-52B	.22 Long Rifle	3.29 kg	5, 10	\$309
M-52 Heavy Barrel Target Rifle	.22 Long Rifle	4.99 kg	5, 10	\$315
M-52B Bull Gun	.22 Long Rifle	5.9 kg	5, 10	\$321
M-52C Heavy Barrel	.22 Long Rifle	4.99 kg	5, 10	\$357
M-52C Bull Barrel	.22 Long Rifle	5.44 kg	5, 10	\$364

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-52A	BA	1	Nil	6	1	Nil	61
M-52B	BA	1	Nil	6	1	Nil	53
M-52 Heavy Barrel Target Rifle	BA	1	Nil	6	1	Nil	54
M-52B Bull Gun	BA	1	Nil	6	1	Nil	55
M-52C Heavy Barrel	BA	1	Nil	6	1	Nil	62
M-52C Bull Barrel	BA	1	Nil	6	1	Nil	64

Winchester M-54

Notes: This rifle was designed specifically to provide a weapon to fire Thomas Johnson’s then-new (1925) .270 Winchester round. The M-54 was based on the Springfield M-1903, but has a smoother bolt stroke and bolt action. The stocks were plain straight walnut, and the receiver was grooved for a telescopic sight. Variants of note include the M-54 Carbine, with a 20-inch barrel; and the M-54 Sniper’s Rifle, with a 26-inch extra-heavy barrel.

Weapon	Ammunition	Weight	Magazines	Price
M-54	.22 Hornet	2.62 kg	5 Internal	\$699
M-54	.220 Swift	2.9 kg	5 Internal	\$952
M-54	.250 Savage	3 kg	5 Internal	\$1050
M-54	.257 Roberts	3.13 kg	5 Internal	\$1181
M-54	.270 Winchester	3.4 kg	5 Internal	\$1476
M-54	7mm Mauser	3.46 kg	5 Internal	\$1386
M-54	7.65mm Mauser	3.59 kg	5 Internal	\$1520
M-54	.30-06 Springfield	3.79 kg	5 Internal	\$1728
M-54	.30-30 Winchester	3.55 kg	5 Internal	\$1459
M-54	9x57mm Mauser	4.27 kg	5 Internal	\$2512
M-54 Carbine	.22 Hornet	2.55 kg	5 Internal	\$659
M-54 Carbine	.220 Swift	2.82 kg	5 Internal	\$912

M-54 Carbine	.250 Savage	2.92 kg	5 Internal	\$1009
M-54 Carbine	.257 Roberts	3.05 kg	5 Internal	\$1140
M-54 Carbine	.270 Winchester	3.31 kg	5 Internal	\$1435
M-54 Carbine	7mm Mauser	3.37 kg	5 Internal	\$1345
M-54 Carbine	7.65mm Mauser	3.49 kg	5 Internal	\$1480
M-54 Carbine	.30-06 Springfield	3.69 kg	5 Internal	\$1687
M-54 Carbine	.30-30 Winchester	3.45 kg	5 Internal	\$1419
M-54 Carbine	9x57mm Mauser	4.15 kg	5 Internal	\$2390
M-54 Sniper's Rifle	.22 Hornet	3.85 kg	5 Internal	\$733
M-54 Sniper's Rifle	.220 Swift	4.26 kg	5 Internal	\$986
M-54 Sniper's Rifle	.250 Savage	4.41 kg	5 Internal	\$1083
M-54 Sniper's Rifle	.257 Roberts	4.61 kg	5 Internal	\$1214
M-54 Sniper's Rifle	.270 Winchester	4.99 kg	5 Internal	\$1510
M-54 Sniper's Rifle	7mm Mauser	5.09 kg	5 Internal	\$1419
M-54 Sniper's Rifle	7.65mm Mauser	5.27 kg	5 Internal	\$1554
M-54 Sniper's Rifle	.30-06 Springfield	5.57 kg	5 Internal	\$1762
M-54 Sniper's Rifle	.30-30 Winchester	5.21 kg	5 Internal	\$1493
M-54 Sniper's Rifle	9x57mm Mauser	6.27 kg	5 Internal	\$2612

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-54 (.22)	BA	3	1-Nil	7	3	Nil	78
M-54 (.220)	BA	3	2-Nil	7	3	Nil	64
M-54 (.250)	BA	3	2-Nil	7	4	Nil	84
M-54 (.257)	BA	4	2-Nil	7	4	Nil	73
M-54 (.270)	BA	4	2-3-Nil	8	5	Nil	69
M-54 (7mm)	BA	4	2-3-Nil	7	4	Nil	80
M-54 (7.65mm)	BA	4	2-3-Nil	8	5	Nil	90
M-54 (.30-06)	BA	4	2-3-Nil	8	4	Nil	78
M-54 (.30-30)	BA	4	2-3-Nil	8	5	Nil	90
M-54 (9x57mm)	BA	5	2-4-Nil	8	5	Nil	90
M-54 Carbine (.22)	BA	3	1-Nil	6	3	Nil	64
M-54 Carbine (.220)	BA	3	1-Nil	6	3	Nil	49
M-54 Carbine (.250)	BA	3	2-Nil	6	3	Nil	64
M-54 Carbine (.257)	BA	3	2-Nil	7	4	Nil	55
M-54 Carbine (.270)	BA	4	2-3-Nil	7	5	Nil	52
M-54 Carbine (7mm)	BA	4	2-3-Nil	7	4	Nil	61
M-54 Carbine (7.65mm)	BA	4	2-3-Nil	7	5	Nil	69
M-54 Carbine (.30-06)	BA	4	2-3-Nil	7	4	Nil	59
M-54 Carbine (.30-30)	BA	4	2-3-Nil	7	4	Nil	68
M-54 Carbine (9x57mm)	BA	5	2-3-Nil	7	4	Nil	68
M-54 Sniper (.22)	BA	3	1-Nil	7	3	Nil	89
M-54 Sniper (.220)	BA	3	2-Nil	7	3	Nil	77
M-54 Sniper (.250)	BA	4	2-Nil	8	4	Nil	96
M-54 Sniper (.257)	BA	4	2-Nil	8	4	Nil	88
M-54 Sniper (.270)	BA	4	2-3-Nil	8	4	Nil	83
M-54 Sniper (7mm)	BA	4	2-3-Nil	8	4	Nil	96
M-54 Sniper (7.65mm)	BA	4	2-3-Nil	8	4	Nil	106
M-54 Sniper (.30-06)	BA	4	2-3-Nil	8	4	Nil	94
M-54 Sniper (.30-30)	BA	4	2-3-Nil	8	4	Nil	105
M-54 Sniper (9x57mm)	BA	5	2-4-Nil	9	5	Nil	109

**Winchester M-56**

Notes: This rifle, when introduced to the market in 1926, was supposed to provide a bridge of sorts between the simple Models 1902 and 1904 and the fancy Model 52. Unfortunately, most customers went for one of the others and bypassed the M-56; in addition, the price of the M-56 was too high at that time to attract many buyers. As a result, the M-56 was taken off the market in 1929. A variant is the M-57 "Accuracy Rifle;" this is basically a heavy-barreled M-56 with bases for a telescopic sight on the receiver. Though it was considered to be too light to be a serious target rifle, it was much more successful than the M-56, and was built until 1936 (though the .22 Short version was dropped in 1929).

Weapon	Ammunition	Weight	Magazines	Price
M-56	.22 Short	2.11 kg	5, 10	\$278

M-56	.22 Long Rifle	2.15 kg	5, 10	\$289
M-57	.22 Short	2.27 kg	5, 10	\$283
M-57	.22 Long Rifle	2.31 kg	5, 10	\$295

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-56 (.22 Short)	BA	-2	Nil	5	1	Nil	40
M-56 (.22 Long Rifle)	BA	1	Nil	5	1	Nil	49
M-57 (.22 Short)	BA	-2	Nil	5	1	Nil	41
M-57 (.22 Long Rifle)	BA	1	Nil	5	1	Nil	50

**Winchester M-69**

Notes: Winchester had a long history with its single-shot rimfire designs, but found that as time went on, these single-shot designs could not compete in a marketplace that was moving to magazine-fed rimfire rifles of various types. Winchester therefore took an existing single-shot design, the Model 59, and made it into a box magazine-fed rifle. The stock was also improved, with a pistol-grip stock with a tapered fore-end. The result was a great success.

Variants included the M-72, using a tubular magazine, and the M-75, a target rifle that was actually used to train basic trainees during World War 2 in Basic Rifle Marksmanship in addition to being sold as a civilian rifle. The M-75 had a 28-inch barrel and was drilled and tapped for a scope.

Weapon	Ammunition	Weight	Magazines	Price
M-69	.22 Short, .22 Long, and .22 Long Rifle	2.38 kg	5, 10	\$319
M-72	.22 Short, .22 Long, and .22 Long Rifle	2.59 kg	20 (.22 Short), 17 (.22 Long), 15 (.22 Long Rifle); Tubular	\$320
M-75	.22 Long Rifle	3.86 kg	5, 10	\$350

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-69/72 (.22 Short)	BA	-2	Nil	6	1	Nil	45
M-69/72 (.22 Long)	BA	1	Nil	6	1	Nil	50
M-69/72 (.22 Long Rifle)	BA	1	Nil	6	1	Nil	55
M-75	BA	1	Nil	6	1	Nil	61

## Winchester M-70 (1<sup>st</sup> Version)

Notes: The Model 70 is an internationally popular American-made bolt-action rifle, first introduced in 1936 as the "Model 70 Sporting Rifle" and steadily improved and modified over the years. The Model 70 of this period is considered a classic among sportsmen and can be found the world over. The 1<sup>st</sup>-version, also called by many the "pre-1964 pattern" or the "Rifleman's Rifle," is considered the most desirable of the M-70s, one in good condition will fetch high real-world prices these days. The actions are made using a solid frame and are very strong; they are also very reliable and have served as the basis over the years for a number of custom rifles and Model 70 modifications. The action itself had a cone breech, a partially-shrouded bolt head, and a trigger guard secured by a bolt running into the underside of the receiver instead of being secured to the recoil lug; this was unusual for the time. The bolt handle is swept down and back so that it would not interfere with any scope that might be mounted. Spent case ejection is to the right side and slightly upward, again so to not interfere with optics. The bolt can be opened while the rifle is on safety, allowing rounds to be removed or the weapon completely unloaded without possibility of accidental fire. The magazine is internal, and loaded from the top (and slightly to the right side), but the Model 70 can be emptied using a hinged floorplate. Early production models (made from 1936-37) and chambered for .30-06 or .270 Winchester could be fed by a stripper clip. Furniture is of walnut; the fore-end has a semi-beavertail form. The fore-end, pistol grip wrist, and steel buttplate are checkered for a surer grip. The front sight is a bead inside a hood; the rear sight could be a peep sight or a notch sight, depending upon the wishes of the buyer. The original safety operated across the bolt shroud; in 1938, this was changed to the right side, actuated by a manual thumb catch. The entry for this rifle and its descendants is a little different due to absolutely huge number of variants with differences ranging from variations in stock design to barrel differences to different methods of barrel bedding, recoil pads, and sights. Therefore, the entries are a little different from most of my entries in these pages; it is split into several sections, each with its own firing tables.

## M-70 Sporter

In its first iteration, produced until 1963, the Model 70 used a tapered barrel. (However, it should be noted that the Model 70 was not produced from the end of 1941 until 1946, as Winchester was concentrating on war manufacture.) For most chamberings, the barrel could be 20 or 24 inches depending upon the wishes of the buyer; after World War 2, the Model 70 with a 20-inch barrel was discontinued. The 20-inch-barrel version was never built in large quantities, and the few built in 1945 and 1946 were assembled from existing parts in storage instead of being new manufacture rifles. 20-inch barrel versions were often referred to as Model 70 Carbiners. Magnum versions largely used 26-inch barrels, but in 1937, the version of the Model 70 in .375 H&H Magnum was changed to have a heavy-weight 25-inch barrel. Most of the chamberings listed below were original chamberings (.30-06 and .270 were the first chamberings offered, though most of the rest came soon thereafter). The 7.62mm NATO (actually, .308 Winchester) chambering was introduced in 1952, but was rare for this time period. In 1955, the .243 Winchester and .358 Winchester chamberings were introduced, followed by .300 Winchester Magnum. .338 Winchester Magnum was introduced in 1958, and .264 Winchester Magnum in 1959. Some rare Model 70s, built after World War 2, were chambered for .300 Savage. Some rare pre-1941 models, all with 24-inch barrels, were chambered for .35 Winchester, 7.65mm Mauser, 7mm Mauser, .250 Savage, or 9x57mm Mauser.

The Model 70 Varmint Rifle is a rare version of the Model 70 with a 26-inch heavy barrel. Most were chambered for .243 Winchester Magnum, but a rare few were chambered for .220 Swift.

Most Model 70s of this period also had a SuperGrade version, which was a sort of deluxe version with furniture of select-grade walnut, a Monte Carlo stock, finer checkering, fore-end tip of ebonite, and a separate cap for the pistol grip wrist, also of ebonite. For game purposes, these are identical to their regular versions of the Model 70.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Sporter (20" Barrel)	.22 Hornet	3.05 kg	5 Internal	\$698
M-70 Sporter (24" Barrel)	.22 Hornet	3.13 kg	5 Internal	\$739
M-70 Sporter (20" Barrel)	.22-250 Remington	3.22 kg	5 Internal	\$825
M-70 Sporter (24" Barrel)	.22-250 Remington	3.3 kg	5 Internal	\$866
M-70 Sporter	.220 Swift	3.34 kg	4 Internal	\$976
M-70 Sporter (20" Barrel)	.243 Winchester	3.3 kg	5 Internal	\$980
M-70 Sporter (24" Barrel)	.243 Winchester	3.36 kg	5 Internal	\$1021
M-70 Sporter	.250 Savage	3.36 kg	5 Internal	\$1054
M-70 Sporter (20" Barrel)	.257 Roberts	3.41 kg	5 Internal	\$1144
M-70 Sporter (24" Barrel)	.257 Roberts	3.52 kg	5 Internal	\$1185



M-70 Sporter	.264 Winchester Magnum	3.47 kg	4 Internal	\$1381
M-70 Sporter	7mm Mauser	3.48 kg	5 Internal	\$1389
M-70 Sporter	.270 Winchester	3.48 kg	5 Internal	\$1439
(20" Barrel)				
M-70 Sporter	.270 Winchester	3.57 kg	5 Internal	\$1480
(24" Barrel)				
M-70 Sporter	7.62mm NATO	3.54 kg	5 Internal	\$1451
M-70 Sporter	.30-06 Springfield	3.65 kg	5 Internal	\$1690
(20" Barrel)				
M-70 Sporter	.30-06 Springfield	3.74 kg	5 Internal	\$1732
(24" Barrel)				
M-70 Sporter	.300 Savage	3.58 kg	5 Internal	\$1369
M-70 Sporter	.300 Winchester Magnum	3.92 kg	4 Internal	\$2366
M-70 Sporter	.300 H&H Magnum	3.97 kg	4 Internal	\$2500
M-70 Sporter	.338 Winchester Magnum	4 kg	4 Internal	\$2587
M-70 Sporter	7.65mm Mauser	3.72 kg	5 Internal	\$1524
M-70 Sporter	.35 Winchester	4.13 kg	5 Internal	\$2677
M-70 Sporter	.375 H&H Magnum	4.27 kg	4 Internal	\$3311
(Original Model)				
M-70 Sporter	.375 H&H Magnum	4.27 kg	4 Internal	\$3307
(Late Model)				
M-70 Sporter	9mm Mauser	4.06 kg	5 Internal	\$2499
M-70 Varmint	.220 Swift	3.37 kg	4 Internal	\$986
M-70 Varmint	.243 Winchester	3.41 kg	5 Internal	\$1051

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Sporter (20", .22 Hornet)	BA	3	1-Nil	6	3	Nil	67
M-70 Sporter (24", .22 Hornet)	BA	3	1-Nil	7	3	Nil	81
M-70 Sporter (20", .22-250)	BA	3	1-Nil	6	3	Nil	57
M-70 Sporter (24", .22-250)	BA	3	1-Nil	7	3	Nil	74
M-70 Sporter (.220)	BA	3	1-2-Nil	7	3	Nil	88
M-70 Sporter (20", .243)	BA	3	2-Nil	6	3	Nil	58
M-70 Sporter (24", .243)	BA	3	2-Nil	7	3	Nil	76
M-70 Sporter (.250)	BA	3	2-Nil	7	4	Nil	85
M-70 Sporter (20", .257)	BA	3	2-Nil	6	4	Nil	57
M-70 Sporter (24", .257)	BA	4	2-Nil	7	4	Nil	74
M-70 Sporter (.264)	BA	4	1-2-3	8	4	Nil	91
M-70 Sporter (7mm)	BA	4	2-3-Nil	7	4	Nil	82
M-70 Sporter (20", .270)	BA	4	2-3-Nil	7	4	Nil	53
M-70 Sporter (24", .270)	BA	4	2-3-Nil	7	4	Nil	70
M-70 Sporter (7.62mm)	BA	4	2-3-Nil	7	5	Nil	91
M-70 Sporter (20", .30-06)	BA	4	2-3-Nil	7	4	Nil	61
M-70 Sporter (24", .30-06)	BA	4	2-3-Nil	8	5	Nil	80
M-70 Sporter (.300 Savage)	BA	4	2-3-Nil	7	4	Nil	90
M-70 Sporter (.300 Winchester Magnum)	BA	5	1-2-3	8	5	Nil	103
M-70 Sporter (.300 H&H Magnum)	BA	5	1-2-3	8	5	Nil	104
M-70 Sporter (.338 Magnum)	BA	6	1-3-Nil	8	6	Nil	118
M-70 Sporter (7.65mm)	BA	4	2-3-Nil	7	4	Nil	92
M-70 Sporter (.35)	BA	5	2-4-Nil	8	6	Nil	92
M-70 Sporter (.375)	BA	7	1-3-5	9	6	Nil	115

Magnum, Original) M-70 Sporter (.375 Magnum, Late)	BA	7	1-3-5	9	6	Nil	114
M-70 Sporter (9mm Mauser)	BA	5	2-4-Nil	8	6	Nil	92
M-70 Varmint (.220)	BA	3	1-2-Nil	7	3	Nil	93
M-70 Varmint (.243)	BA	3	2-Nil	7	4	Nil	87

M-70 Heavy (Magnum) Rifles

Notes: Heavy variations of the period include the Model 70 African, chambered for .458 Winchester Magnum, having a 25-inch heavy barrel, a Monte Carlo-type stock, and a rubber recoil pad. The rear sight was a folding leaf sight. The Model 70 Alaskan had a 25-inch heavy barrel and a rubber recoil pad; it was chambered for .338 Winchester Magnum or .375 H&H Magnum. The Model 70 Bull Gun was a specialized target rifle with a 28-inch bull-profile barrel and a Marksman-style stock. The Model 70 Bull Gun was meant to be used with optics and had only rudimentary iron sights. Most were chambered for .30-06, but some were chambered for .300 H&H Magnum. Except for the Bull Gun, these were often referred to as the “M-70 Magnum,” but this was not an official appellation and they were not referred to as such in company literature. For that matter, the “Heavy Rifle” name I have given this set is simply a convenient grouping I have given them and not an official company name.

Weapon	Ammunition	Weight	Magazines	Price
M-70 African	.458 Winchester Magnum	4.31 kg	3 Internal	\$4097
M-70 Alaskan	.338 Winchester Magnum	3.63 kg	3 Internal	\$2613
M-70 Alaskan	.375 H&H Magnum	3.95 kg	4 Internal	\$3338
M-70 Bull Gun	.30-06 Springfield	5.9 kg	5 Internal	\$1782
M-70 Bull Gun	.300 H&H Magnum	5.9 kg	4 Internal	\$2605

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 African	BA	8	1-3-5	9	6	Nil	119
M-70 Alaskan (.338 Magnum)	BA	6	1-3-Nil	8	6	Nil	113
M-70 Alaskan (.375 Magnum)	BA	7	1-3-5	9	6	Nil	110
M-70 Bull Gun (.30-06)	BA	5	2-3-Nil	9	4	Nil	107
M-70 Bull Gun (.300 H&H Magnum)	BA	6	1-3-Nil	9	5	Nil	124

M-70 Featherweight

Notes: The Model 70 Featherweight, produced 1952-63, used a tapered 22-inch barrel, furniture made of lighter wood, an aluminum-alloy buttplate, and an alloy trigger guard which was integral to the magazine floorplate. Only a few were chambered for .22 Hornet, .220 Swift, and .257 Roberts; a version attempted in .358 Winchester had so many problems in its development and by shooters that it was quickly discontinued, and few were ever made. In 1955, a version was introduced firing .264 Winchester Magnum, but had slow sales. The Model 70 Westerner was based partly on the Featherweight, with a .264 Winchester Magnum version with a 26-inch barrel and a .300 Winchester Magnum version with a 24-inch barrel. The Westerner also had a small internal magazine to save weight, and the barrel is not of any increased weight or tapered like other Model 70s. The Westerner was a rare variant that was discontinued soon after production started.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Featherweight	.22 Hornet	2.54 kg	5 Internal	\$662
M-70 Featherweight	.220 Swift	2.7 kg	4 Internal	\$915
M-70 Featherweight	.243 Winchester	2.72 kg	5 Internal	\$980
M-70 Featherweight	.257 Roberts	2.85 kg	5 Internal	\$1143
M-70 Featherweight Magnum	.264 Winchester Magnum	2.81 kg	4 Internal	\$1320
M-70 Featherweight	.270 Winchester	2.89 kg	5 Internal	\$1439
M-70 Featherweight	7.62mm NATO	2.87 kg	5 Internal	\$1410
M-70 Featherweight	.30-06 Springfield	3.03 kg	5 Internal	\$1690
M-70 Featherweight	.358 Winchester	3.13 kg	5 Internal	\$2236
M-70 Westerner	.264 Winchester Magnum	2.67 kg	3 Internal	\$1377
M-70 Westerner	.300 Winchester Magnum	2.89 kg	3 Internal	\$2293

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Featherweight (.22 Hornet)	BA	3	1-Nil	6	3	Nil	65
M-70 Featherweight (.220)	BA	3	1-1-Nil	6	3	Nil	60
M-70 Featherweight (.243)	BA	3	2-Nil	6	4	Nil	58
M-70 Featherweight (.257)	BA	3	2-Nil	6	5	Nil	57

M-70 Featherweight Magnum	BA	4	1-2-Nil	7	5	Nil	61
M-70 Featherweight (.270)	BA	4	2-3-Nil	7	5	Nil	53
M-70 Featherweight (7.62mm)	BA	4	2-3-Nil	7	5	Nil	70
M-70 Featherweight (.30-06)	BA	4	2-3-Nil	7	5	Nil	61
M-70 Featherweight (.358)	BA	5	2-3-Nil	7	5	Nil	70
M-70 Westerner (.264 Magnum)	BA	4	1-2-3	8	5	Nil	89
M-70 Westerner (.300 Winchester Magnum)	BA	5	2-3-Nil	8	5	Nil	89

M-70 Target

Notes: The Model 70 Target Rifle, introduced in 1937 and built (with a break) until 1960, originally had the same chamberings as the Model 70 Sporter (except for the rarer or more exotic chamberings); however, by the mid-1950s, only .243 Winchester and .30-06 were offered. The Target Rifle had a heavy, match-quality 24-inch barrel. The National Match rifle was similar, but had a Marksman Stock (high, straight comb, sharply-curved pistol grip wrist, broad fore-end), and micrometer-adjustable sights and more-flexible scope mounts to take a greater variety of scopes, used a floating barrel, and was chambered only in .30-06. The National Match also has a fully adjustable trigger and is lighter than the corresponding Target Rifle.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Target	.22 Hornet	4.43 kg	5 Internal	\$712
M-70 Target	.22-250 Remington	4.68 kg	5 Internal	\$874
M-70 Target	.243 Winchester	4.76 kg	5 Internal	\$1030
M-70 Target	.257 Roberts	4.99 kg	5 Internal	\$1193
M-70 Target	.264 Winchester Magnum	5.13 kg	4 Internal	\$1369
M-70 Target	.270 Winchester	5.08 kg	5 Internal	\$1488
M-70 Target	7.62mm NATO	5.02 kg	5 Internal	\$1460
M-70 Target	.30-06 Springfield	5.3 kg	5 Internal	\$1740
M-70 Target	.300 Winchester Magnum	5.46 kg	4 Internal	\$2329
M-70 Target	.300 H&H Magnum	5.53 kg	4 Internal	\$2464
M-70 Target	.338 Winchester Magnum	5.57 kg	4 Internal	\$2551
M-70 Target	.375 H&H Magnum	5.95 kg	4 Internal	\$3275
M-70 National Match	.30-06 Springfield	4.35 kg	5 Internal	\$1744

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Target (.22 Hornet)	BA	3	1-Nil	7	2	Nil	82
M-70 Target (.22-250)	BA	3	2-Nil	7	2	Nil	77
M-70 Target (.243)	BA	3	2-Nil	7	3	Nil	80
M-70 Target (.257)	BA	4	2-Nil	7	4	Nil	78
M-70 Target (.264 Magnum)	BA	4	1-2-3	7	4	Nil	85
M-70 Target (.270)	BA	4	2-3-Nil	8	4	Nil	74
M-70 Target (7.62mm)	BA	4	2-3-Nil	8	4	Nil	96
M-70 Target (.30-06)	BA	4	2-3-Nil	8	4	Nil	84
M-70 Target (.300 Winchester Magnum)	BA	5	2-3-Nil	8	4	Nil	96
M-70 Target (.300 H&H Magnum)	BA	5	1-2-3	8	4	Nil	96
M-70 Target (.338 Winchester Magnum)	BA	6	1-3-Nil	8	5	Nil	110
M-70 Target (.375 H&H Magnum)	BA	7	1-3-5	8	5	Nil	107
M-70 National Match	BA	4	2-3-Nil	8	4	Nil	86

Winchester M-70 (2<sup>nd</sup> Version)

Notes: In 1961, Winchester was acquired by Olin (then a huge arms company). They produced the same Model 70s as the 1<sup>st</sup> Version above for a while, but production of those versions of the M-70 was discontinued in 1963, and design work was begun to modernize the M-70 to simplify production and reduce costs of manufacture. This resulted in the 2<sup>nd</sup> Version, often called the “1964-type.” Though some of the changes did in fact improve the design of the M-70, the 2<sup>nd</sup> Version M-70s were poorly finished and with the omission of the bolt guide, much of the renowned smoothness of action of the M-70 was lost. The action was used until 1971 (even after Winchester announced a new version of the M-70 in 1968), until public pressure forced Olin/Winchester to improve that action. The Olin-manufactured versions of the M-70 make them the leas-desired version of the M-70; shooters and experts feel that Olin took to many shortcuts in their M-70 design.

The Standard M-70

Standard M-70s of this period had 22-inch standard-weight floating barrels. (These were also called M-70 Sporters.) At first they were chambered for the three most popular Winchester rounds of the time as well as .30-06. The furniture was of walnut, though lower-quality than on the 1<sup>st</sup> Version, with a glossy finish and a Monte Carlo comb and impressed checkering on the pistol grip wrist and fore-end. Later, a recoil bolt was added through the stock above the front of the trigger guard; at the same time the checkering pattern, though still impressed, was improved. In 1967, several new chamberings were added: .225 Winchester, followed soon thereafter by .222 Remington and .22-250 Remington. (.225 Winchester was discontinued in 1974.)

The M-70 Varmint was produced from 1965-71; it had a pattern largely similar to the M-70 Standard rifle, but it was equipped with a 25-inch target-pattern barrel. It has the same sort of extra mounting blocks for scopes as the M-70 Target. In 1966, it became one of the M-70 designs where the stock was revised, with its Monte Carlo comb raised, the cheekpiece refined, a recoil bolt added through the stock, and improved (but still impressed) checkering applied. The M-70 Varmint was at first offered only in .243 Winchester, with the .222 Remington and .22-250 Remington chamberings not added until 1969.

The M-70 Custom, also called the M-70 Deluxe, was built only in small numbers between 1964-70. They were based on an amalgamation of the Standard and the Magnum versions, and had select walnut furniture, ebony fore-end tips, a Williams ramp rear sight, and a ventilated rubber recoil pad. The stock was a Monte Carlo design. Most chamberings used 22-inch barrels, but the .300 Winchester Magnum version used a 24-inch barrel.

Weapon	Ammunition	Weight	Magazines	Price
M-70	.22-250 Remington	3.18 kg	5 Internal	\$840
M-70	5.56mm NATO	3.15 kg	5 Internal	\$794
M-70	.222 Remington	3.14 kg	5 Internal	\$775
M-70	.225 Winchester	3.19 kg	5 Internal	\$846
M-70	.243 Winchester	3.3 kg	5 Internal	\$996
M-70	.270 Winchester	3.6 kg	5 Internal	\$1454
M-70	7.62mm NATO	3.59 kg	5 Internal	\$1426
M-70	.30-06 Springfield	3.74 kg	5 Internal	\$1706
M-70 Varmint	.222 Remington	4.23 kg	5 Internal	\$815
M-70 Varmint	.22-250 Remington	4.29 kg	5 Internal	\$880
M-70 Varmint	.243 Winchester	4.42 kg	5 Internal	\$1035
M-70 Custom	.243 Winchester	3.63 kg	5 Internal	\$1067
M-70 Custom	.270 Winchester	3.96 kg	5 Internal	\$1526
M-70 Custom	.30-06 Springfield	4.11 kg	5 Internal	\$1778
M-70 Custom	.300 Winchester Magnum	4.25 kg	4 Internal	\$2363

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 (.22-250)	BA	3	1-Nil	6	3	Nil	66
M-70 (5.56mm)	BA	3	1-Nil	6	3	Nil	71
M-70 (.222)	BA	3	1-Nil	6	3	Nil	72
M-70 (.225)	BA	3	1-Nil	6	3	Nil	65
M-70 (.243)	BA	3	2-Nil	7	3	Nil	67
M-70 (.270)	BA	4	2-3-Nil	7	4	Nil	62
M-70 (7.62mm)	BA	4	2-3-Nil	7	4	Nil	80
M-70 (.30-06)	BA	4	2-3-Nil	7	4	Nil	70
M-70 Varmint (.222)	BA	3	1-Nil	7	3	Nil	86
M-70 Varmint (.22-250)	BA	3	2-Nil	7	3	Nil	80
M-70 Varmint (.243)	BA	3	2-Nil	7	4	Nil	84
M-70 Custom (.243)	BA	3	2-Nil	7	3	Nil	65
M-70 Custom (.270)	BA	4	2-3-Nil	7	4	Nil	60
M-70 Custom (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
M-70 Custom (.300 Magnum)	BA	5	2-3-Nil	8	4	Nil	89

M-70 Magnum

Notes: The M-70 Magnum was, as the name suggests, designed to fire magnum cartridges, and used a 24-inch barrel. The furniture was similar to the Standard M-70, but the butt had a ventilated rubber recoil pad. The Magnum was produced from 1964-71; most of the chamberings were offered along with the introduction of the Magnum, but the 7mm Remington Magnum chambering was not offered until 1968. In 1966, the Monte Carlo comb was raised to better fit with scope use, and an extra recoil bolt was added through the stock. The checkering was still impressed, but it was modified to offer a better grip.

From 1965-71, the M-70 African was produced; this version had an altered stock with a raised Monte Carlo comb to better fit with scopes and the contours of the cheekpiece were revised to reduce felt recoil. Though this version of the African still had a 22-inch floating barrel, it had a heavy profile; in general, this version of the African was more heavily-built than the Standard version. Recoil

bolts were added beneath the chamber and in front of the bolt handle. The fore-end had an ebony tip, a ventilated rubber recoil pad was added to the butt, and the checkering was hand-cut instead of impressed. The iron sights were a specially-designed leaf rear and brass-tipped front on a ramp. The African was chambered only for .458 Winchester Magnum; the magazine size was rather small compared to other M-70s of this period.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Magnum	.264 Winchester Magnum	3.54 kg	3 Internal	\$1335
M-70 Magnum	7mm Remington Magnum	3.63 kg	3 Internal	\$1493
M-70 Magnum	.300 Winchester Magnum	3.86 kg	3 Internal	\$2237
M-70 Magnum	.338 Winchester Magnum	3.96 kg	3 Internal	\$2458
M-70 Magnum	.375 H&H Magnum	4.25 kg	3 Internal	\$3182
M-70 African	.458 Winchester Magnum	5.01 kg	3 Internal	\$4040

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Magnum (.264 Magnum)	BA	4	1-2-3	7	4	Nil	71
M-70 Magnum (7mm Magnum)	BA	4	1-2-3	7	4	Nil	77
M-70 Magnum (.300 Magnum)	BA	5	2-3-Nil	7	4	Nil	80
M-70 Magnum (.338 Magnum)	BA	6	1-3-Nil	7	6	Nil	92
M-70 Magnum (.375 Magnum)	BA	6	1-3-Nil	8	6	Nil	89
M-70 African	BA	7	1-3-5	9	5	Nil	102

M-70 Mannlicher

Notes: The M-70 Mannlicher, produced in small numbers from 1969-71, was never popular with shooters and did not sell well. The Mannlicher used a Monte Carlo comb, but also had a full-length fore-end under its short 19-inch barrel. The Mannlicher was designed to appeal to European shooters, but the chamberings chosen were basically American chamberings instead of those popular with Europeans; Americans and Canadians did not like the design and short barrel, while Europeans did not like the then-unfamiliar chamberings, and the Mannlicher did not sell very well in North America, Europe, or pretty much anywhere else.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Mannlicher	.243 Winchester	3.45 kg	5 Internal	\$962
M-70 Mannlicher	.270 Winchester	3.77 kg	5 Internal	\$1420
M-70 Mannlicher	7.62mm NATO	3.75 kg	5 Internal	\$1392
M-70 Mannlicher	.30-06 Springfield	3.91 kg	5 Internal	\$1672

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Mannlicher (.243)	BA	3	2-Nil	6	3	Nil	53
M-70 Mannlicher (.270)	BA	4	2-3-Nil	6	4	Nil	48
M-70 Mannlicher (7.62mm)	BA	4	2-3-Nil	6	4	Nil	63
M-70 Mannlicher (.30-06)	BA	4	2-3-Nil	7	4	Nil	55

M-70 Target

Notes: The M-70 Target was produced from 1964-71; it used a 24-inch heavy barrel and had extra mounting blocks for a scope to allow more flexibility in scope mounting and what can be mounted. The stock was a Marksman-type stock as listed for the 1<sup>st</sup> Version National Match Rifle above, but also had a true pistol grip with an alloy hand stop and an ergonomic grip. Like the International Army Match Rifle, the Target rifle had a detachable box magazine.

The M-70 International Army Match Rifle was produced only in small numbers in 1971. All were chambered for 7.62mm NATO, and used 24-inch heavy floating match-quality barrels. The stocks were relatively massive, with a wide fore-end and a large butt with an adjustable buttplate and cheekpiece. Under the fore-end was an accessory rail (designed for certain accessories which could be slid onto the rail and secured). The trigger was fully adjustable by the shooter using external screws. Unlike most other M-70s, the International Army Match Rifle used a detachable magazine.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Target	7.62mm NATO	4.63 kg	5	\$1447
M-70 Target	.30-06 Springfield	4.81 kg	5	\$1728
M-70 International Army Match	7.62mm NATO	4.99 kg	5	\$1460

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Target (7.62mm)	BA	4	2-3-Nil	7	4	Nil	93
M-70 Target (.30-06)	BA	4	2-3-Nil	8	4	Nil	81
M-70 International Army Match Rifle	BA	4	2-3-Nil	8	4	Nil	98



# Winchester M-70 (3<sup>rd</sup> Version)

Notes: In 1981, Winchester was sold to the US Repeating Arms Company. Winchester, under the USRAC auspices, took back the design of the rifle, starting with the classic, 1st-Version M-70 and then updating and improving it to a large degree, incorporating more advanced manufacturing processes and general improvements in rifle design over the years. Some of these improvements included a claw-type extractor which improved reliability, a three-position safety (safe, fire, and a position which allowed the bolt to be pulled back, but locked the firing pin so that the weapon could not be even accidentally fired), and a straight-comb stock that reduced felt recoil. The standard stock and fore-end was made from refined walnut, with a longer and lower Monte Carlo comb than earlier models. The butt on most versions has a non-slip, ribbed rubber buttplate. Iron sights on most of them consist of a simple peep-type adjustable rear sight and a hooded front sight post on a low ramp unless otherwise stated. (The 3<sup>rd</sup>-Version M-70 was meant to be used with a scope, and is drilled and tapped to allow the use of several models of telescopic sights and later, allowed the attachment of a MIL-STD-1913 or Weaver Rail.) Older 1<sup>st</sup>-Version and 2<sup>nd</sup>-Version designs were dropped, and replaced with an absolutely huge number of variants with differences ranging from variations in stock design to barrel differences to different methods of barrel bedding, recoil pads, and sights. Therefore, the entry is a little different from most of my entries in these pages; it is split into several sections, each with its own firing tables.

The "standard" design, the M-70XTR Sporter, was one of the few versions of the improved design that was actually introduced under Olin, in 1978; versions of it were still being sold when Winchester was bought out by FN. The Sporter was offered for a long time only in .270 Winchester and .30-06 Springfield; most of the other chamberings were added in 1989, except for .25-06 Remington, which was added in 1990. In 1989, the "XTR" suffix was dropped (though the designation was later revived for a new version of the M-70), and several new chamberings were added. Barrels are standard-weight 24-inch barrels. The stock was originally almost identical to that of the 2<sup>nd</sup>-version M-70 Standard rifle, except that the walnut is of better quality, the Monte Carlo comb is lower, and the buttplate is non-slip-textured rubber.

In 1997, two chamberings of the Sporter were re-issued in a form able to take the BOSS muzzle device. Also in 1997, the M-70 Sporter Stainless was introduced; this is identical to the standard Sporter for game purposes, but has a barrel and action of bright stainless steel. Sporter Stainless versions of the .270 Winchester and .30-06 Springfield chamberings were made that could take the BOSS muzzle device.

The M-70 SM (Synthetic Matte-finish) was produced from 1992-95 and is essentially the Sporter with a matte black synthetic stock. The external metalwork also has a dark, matte finish. It is basically a lighter, more weatherproof M-70 Sporter.

In 1986, a version was introduced to appeal to European buyers, the M-70 XTR European Featherweight. It did not, nor did it appeal to US and Canadian buyers, and it was produced for only a few months. The European Featherweight was built of lighter wood than the standard Sporter, but had the same basic stock design. The European Featherweight's fore-end was shorter than that of the standard Sporter. The stock was laminated, but not necessarily weatherproof, though it had more weather resistance than an un-laminated stock. The iron sights consisted of an open notch rear which was adjustable and a post front sight which was hooded; it was also drilled and tapped for a scope. The barrel was a round, standard-profile 22-inch barrel.

A minor version of the M-70, the Mini-Carbine, was produced from 1985-86. Not really a carbine, the Mini-Carbine was produced only in .243 Winchester in small numbers; the only real difference between the Mini-Carbine and the Sporter was in the stock's length of pull, which was about 25mm shorter than that of the Sporter, and the weight, which was 0.05 kg less.

Super, Collector, and Exhibition Grades of most 3<sup>rd</sup>-version M-70-series rifles were made, differing largely in the quality of wood used, hand-fitting of components, sometimes specially-chosen barrels being used, and other refinements such as custom finishes and even some engraving, ebony or fancy wood fore-end and pistol grip wrist caps, and other such refinements. These versions also have other extra features, such as sling swivels standard at the toe of the butt and under the front of the fore-end, and a non-rotating collar-type extractor that is a bit more reliable than the already-very-reliable M-70 3<sup>rd</sup>-Version extractor. Though the real-world cost of such rifles is high, for game purposes, they are the same as their "normal" counterparts. In 1996, they were the first versions to come in types with barrels able to take the BOSS muzzle device, though on the same chamberings as the Sporter. The M-70 Magnum, below, also has its own Super, Collector, and Exhibition-Grade versions. (The Super Grade is what was called the Custom Grade on earlier versions of the M-70.)

Weapon	Ammunition	Weight	Magazines	Price
M-70 Sporter	.22-250 Remington	3.22 kg	5 Internal	\$857
M-70 Sporter	5.56mm NATO	3.19 kg	5 Internal	\$811
M-70 Sporter	.243 Winchester	3.34 kg	5 Internal	\$1012
M-70 Sporter	.25-06 Remington	3.51 kg	5 Internal	\$1282
M-70 Sporter	.270 Winchester	3.64 kg	5 Internal	\$1471
M-70 Sporter	.30-06 Springfield	3.78 kg	5 Internal	\$1723
M-70 Sporter w/BOSS	.270 Winchester	3.84 kg	5 Internal	\$1521
M-70 Sporter w/BOSS	.30-06 Springfield	3.98 kg	5 Internal	\$1773
M-70 SM	.22-250 Remington	3.02 kg	5 Internal	\$869
M-70 SM	5.56mm NATO	2.99 kg	5 Internal	\$823
M-70 SM	.243 Winchester	3.13 kg	5 Internal	\$1025



M-70 SM	.25-06 Remington	3.29 kg	5 Internal	\$1296
M-70 SM	.270 Winchester	3.41 kg	5 Internal	\$1485
M-70 SM	.30-06 Springfield	3.54 kg	5 Internal	\$1738
M-70XTR European Featherweight	6.5mm Swedish	3.06 kg	5 Internal	\$1176

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Sporter/SM (.22-250)	BA	3	1-Nil	7	3	Nil	73
M-70 Sporter/SM (5.56mm)	BA	3	1-Nil	7	3	Nil	76
M-70 Sporter/SM (.243)	BA	3	2-Nil	7	3	Nil	74
M-70 Sporter/SM (.25-06)	BA	4	2-Nil	7	4	Nil	65
M-70 Sporter (.270)	BA	4	2-3-Nil	7	4	Nil	69
M-70 Sporter (.30-06)	BA	4	2-3-Nil	7	4	Nil	78
M-70 Sporter w/BOSS (.270)	BA	4	2-3-Nil	7	3	Nil	69
M-70 Sporter w/BOSS (.30-06)	BA	4	2-3-Nil	8	3	Nil	78
M-70 SM (.270)	BA	4	2-3-Nil	7	5	Nil	69
M-70 SM (.30-06)	BA	4	2-3-Nil	7	5	Nil	78
M-70XTR European Featherweight	BA	4	2-Nil	7	5	Nil	68

M-70A

The M-70A is perhaps the first of the versions of the M-70 to receive the 3<sup>rd</sup>-version action and trigger updates; however, for the most part, it is a carry-over from the 2<sup>nd</sup> version, and has many of the 2<sup>nd</sup>-versions's inferior features. It was produced from 1969-78. The stock design is of the Monte Carlo type, with a plastic non-slip buttplate, and a round-tipped fore-end. The M-70A has impressed checkering on the pistol grip wrist and the fore-end. Barrels were round, standard-profile, and shorter than what would become the standard on 3<sup>rd</sup>-version rifles at 22 inches. The magazines are smaller than normal, and the internal magazine were “blind” – they lacked the hinged floorplates that most 3<sup>rd</sup>-version M-70s had. Most of the chamberings were introduced with the M-70A, but the .25-06 chambering was introduced in 1972 (along with an option for a 24-inch or 26-inch barrel, instead of the 22-inch barrel). The .25-06 chambering, along with its longer barrels, was discontinued in 1974. Shortly after the M-70A's introduction, several magnum chamberings were introduced; the magnum versions had 24-inch barrels and rubber recoil pads.

A minor variant, the M-70A Police, was produced from 1980-83. It differs from the standard M-70A only in the more limited chamberings (7.62mm NATO or .30-06 Springfield) and the oil-finished stock. For game purposes, it is identical to a standard M-70A of the same chambering. The M-70A XTR was also almost identical to the standard M-70A; however, the Monte Carlo comb of the M-70A XTR was much longer and lower than that on the standard M-70A. The metalwork had a deep polished blue finish, and stocks were of walnut instead of cheaper woods, with machine-cut wrap-around checkering on the fore-end (the checkering on the pistol grip wrist was still impressed. The M-70A XTR was produced from 1978 until well into 1980s and for game purposes is identical to the standard M-70A, including most of the chamberings and barrel lengths. (The .25-06 chambering was never used on the M-70A XTR.)

Weapon	Ammunition	Weight	Magazines	Price
M-70A	.222 Remington	3.09 kg	4 Internal	\$772
M-70A	.22-250 Remington	3.13 kg	4 Internal	\$837
M-70A	.243 Winchester	3.25 kg	4 Internal	\$992
M-70A (24" Barrel)	.25-06 Remington	3.44 kg	4 Internal	\$1282
M-70A (26" Barrel)	.25-06 Remington	3.46 kg	4 Internal	\$1302
M-70A	.270 Winchester	3.54 kg	4 Internal	\$1451
M-70A	7.62mm NATO	3.53 kg	4 Internal	\$1422
M-70A	.30-06 Springfield	3.67 kg	4 Internal	\$1703
M-70A Magnum	.264 Winchester Magnum	3.68 kg	3 Internal	\$1427
M-70A Magnum	.300 Winchester Magnum	4.02 kg	3 Internal	\$2363

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70A (.222)	BA	3	1-Nil	6	3	Nil	71
M-70A (.22-250)	BA	3	1-Nil	6	4	Nil	65
M-70A (.243)	BA	3	2-Nil	6	3	Nil	65
M-70A (.25-06, 24")	BA	4	2-Nil	7	4	Nil	65
M-70A (.25-06, 26")	BA	4	2-3-Nil	7	4	Nil	73
M-70A (.270)	BA	4	2-3-Nil	7	4	Nil	60
M-70A (7.62mm)	BA	4	2-3-Nil	7	5	Nil	79
M-70A (.30-06)	BA	4	2-3-Nil	7	5	Nil	68

M-70A Magnum (.264 Magnum)	BA	4	1-2-3	7	4	Nil	79
M-70A Magnum (.300 Win Magnum)	BA	5	2-3-Nil	7	4	Nil	89

M-70 Black Shadow

The M-70 Black Shadow is perhaps an unremarkable sort of synthetic-stocked version of the M-70; it's stock, though synthetic, is basically identical to that of the Sporter, the though the pistol grip wrist is a little deeper than on the Sporter. The stock is made of matte black synthetic glass resin covered with nylon, and the external metalwork is matte-blued. In both cases, the rifle is designed to not give away any unwanted reflections as to not alert prey. The Black Shadow is perhaps heavier than expected for such a rifle; it does have some extra strengthening in its stock and receiver. The Black Shadow has no iron sights, but is drilled, tapped, and grooved to allow for a large variety of scope mounts. The barrels are of standard profile and 24 or 26 inches long, though they are floating and are tipped with a target crown. The magazine capacity of its magnum-firing versions is also atypical for an M-70. Perhaps the most important thing about the Black Shadow is that it lays the foundation for several similar and improved versions of this rifle later after the FN takeover.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Black Shadow (24" Barrel)	.270 Winchester	4.31 kg	5 Internal	\$1494
M-70 Black Shadow (26" Barrel)	.270 Winchester	4.34 kg	5 Internal	\$1515
M-70 Black Shadow (24" Barrel)	7mm Remington Magnum	4.33 kg	5 Internal	\$1533
M-70 Black Shadow (26" Barrel)	7mm Remington Magnum	4.35 kg	5 Internal	\$1554
M-70 Black Shadow (24" Barrel)	.30-06 Springfield	4.43 kg	5 Internal	\$1747
M-70 Black Shadow (26" Barrel)	.30-06 Springfield	4.46 kg	5 Internal	\$1768
M-70 Black Shadow (24" Barrel)	.300 Winchester Magnum	4.64 kg	5 Internal	\$2329
M-70 Black Shadow (26" Barrel)	.300 Winchester Magnum	4.67 kg	5 Internal	\$2392

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Black Shadow (.270, 24")	BA	4	2-3-Nil	7	4	Nil	72
M-70 Black Shadow (.270, 26")	BA	4	2-3-Nil	8	4	Nil	82
M-70 Black Shadow (7mm Magnum, 24")	BA	4	1-2-3	7	4	Nil	90
M-70 Black Shadow (7mm Magnum, 26")	BA	4	1-2-3	8	4	Nil	102
M-70 Black Shadow (.30-06, 24")	BA	4	2-3-Nil	7	4	Nil	82
M-70 Black Shadow (.30-06, 26")	BA	4	2-3-Nil	8	4	Nil	92
M-70 Black Shadow (.300 Magnum, 24")	BA	5	2-3-Nil	8	4	Nil	94
M-70 Black Shadow (.300 Magnum, 26")	BA	5	1-2-3	8	4	Nil	106

M-70 DBM

Notes: A special variant of the M-70 Sporter, the M-70 DBM (Detachable Box Magazine), was produced from 1992-95. Available in most of the same chamberings as the Sporter, the DBM is fed by a 3-round box magazine which fits flush with the bottom of the stock, and drops out with the push of a button. The DBM used a 24-inch standard-weight barrel, but is a little heavier than the Sporter. In game terms, the DBM shoots for the most part like the Sporter, and the lines below are often combined. The DBM-S, offered from 1993-95, was the same, except for its synthetic stock and the lighter weight as a result. In most cases, however, it still shoots like the DBM.

Weapon	Ammunition	Weight	Magazines	Price
M-70 DBM	.22-250 Remington	3.54 kg	3	\$857
M-70 DBM	5.56mm NATO	3.51 kg	3	\$811
M-70 DBM	.243 Winchester	3.68 kg	3	\$1012
M-70 DBM	.270 Winchester	4.01 kg	3	\$1470
M-70 DBM	7mm Remington Magnum	4.02 kg	3	\$1509
M-70 DBM	.30-06 Springfield	4.16 kg	3	\$1721
M-70 DBM	.300 Winchester Magnum	4.28 kg	3	\$2286
M-70 DBM-S	.22-250 Remington	3.24 kg	3	\$869
M-70 DBM-S	5.56mm NATO	3.21 kg	3	\$822
M-70 DBM-S	.243 Winchester	3.37 kg	3	\$1024

<b>M-70 DBM-S</b>	<b>.270 Winchester</b>	<b>3.67 kg</b>	<b>3</b>	<b>\$1484</b>
<b>M-70 DBM-S</b>	<b>7mm Remington Magnum</b>	<b>3.68 kg</b>	<b>3</b>	<b>\$1523</b>
<b>M-70 DBM-S</b>	<b>.30-06 Springfield</b>	<b>3.81 kg</b>	<b>3</b>	<b>\$1737</b>
<b>M-70 DBM-S</b>	<b>.300 Winchester Magnum</b>	<b>3.92 kg</b>	<b>3</b>	<b>\$2302</b>

<b>Weapon</b>	<b>ROF</b>	<b>Damage</b>	<b>Pen</b>	<b>Bulk</b>	<b>SS</b>	<b>Burst</b>	<b>Range</b>
<b>M-70 DBM/DBM-S (.22-250)</b>	BA	3	1-Nil	7	3	Nil	73
<b>M-70 DBM/DBM-S (5.56mm)</b>	BA	3	1-Nil	7	3	Nil	76
<b>M-70 DBM/DBM-S (.243)</b>	BA	3	2-Nil	7	3	Nil	74
<b>M-70 DBM/DBM-S (.270)</b>	BA	4	2-3-Nil	7	4	Nil	69
<b>M-70 DBM/DBM-S (.30-06)</b>	BA	4	2-3-Nil	7	4	Nil	78
<b>M-70 DBM/DBM-S (7mm Magnum)</b>	BA	4	1-2-3	7	4	Nil	86
<b>M-70 DBM/DBM-S (.300 Magnum)</b>	BA	5	2-3-Nil	7	4	Nil	90

## M-70 Featherweight

In 1984, a Featherweight version of the M-70 was introduced. It used a 22-inch barrel with a light profile, furniture with a simple straight-backed stock and made of less-dense wood. Fore-end checkering was deleted on the Featherweight. The fore-end has a half-stock design with a Schnabel tip. Despite being a lightweight option, Winchester made surprising choices in chambering for the Featherweight, and the chambering choices were wide and varied. The .257 Roberts and 7mm Mauser chamberings were discontinued in 1985, but the 6.5mm Swedish chambering was added in 1991 and the 7mm-08 Remington in 1992. Though light in weight and not such a burden to carry around on long hunts, the heavier and Magnum chamberings do have a bit of an oomph factor, and some shooters criticize the short barrel length used on the Magnum chamberings.

Many light versions of the rest of the M-70 series were developed over time and labeled "Featherweight;" I went back and forth about it, but decided to put those "Featherweights" with the rest of the types of rifles in the M-70 series, with a few exceptions.

There were several variants of the Featherweight over the years; the Featherweight All-Terrain (sometimes called the Featherweight All-Terrain Classic), introduced in 1996 and still in production, has a composite graphite/fiberglass stock of the same design as the standard Featherweight, and most of the metalwork is stainless steel. The Featherweight Classic, introduced in 1992, is virtually identical to the standard Featherweight except in minor details, and for game purposes is identical to the standard Featherweight except that the chamberings were more limited on the Featherweight Classic, and there is a weight difference (it's not really a Feather in weight anymore). The Featherweight Classic was introduced in 1992.

The Featherweight Stainless is primarily distinguished by its black graphite/fiberglass stock with a rounded fore-end. It was introduced in 1997, and later was one of the first M-70s to be able to take the optional BOSS (Barrel Optimized Shooting System) muzzle attachment, which is essentially a muzzle brake with adjustable muzzle weights to improve the balance of the rifle and customize that balance to the shooter. The metalwork is primarily bright stainless steel. In about 2005, the Featherweight All-Terrain added the powerful new chambering of .325 Winchester Short Magnum.

The Featherweight Ultra Grade is a deluxe version with a stock of specially selected French walnut, and ebony fore-end cap, and metalwork of bright or polished blue stainless steel. The actions are highly engraved, and the whole delivered in a special presentation case. The Featherweight Ultra Grade was made only in .270 Winchester, and only a few were built, in 1989. For game purposes, the Featherweight Ultra Grade is identical M-70 Featherweight Classic in .270 Winchester. The Featherweight Win-Tuff, produced from 1992-95, is identical to the standard Featherweight in game terms; it has a laminated weatherproof stock with a deep brown finish and a straight comb.

Like the Sporter, the standard Featherweight has Custom, Collector, and Exhibition Grades. For game purposes, they are identical to the standard Featherweight for game purposes.

<b>Weapon</b>	<b>Ammunition</b>	<b>Weight</b>	<b>Magazines</b>	<b>Price</b>
<b>M-70 Featherweight</b>	<b>.22-250 Remington</b>	<b>2.65 kg</b>	<b>5 Internal</b>	<b>\$837</b>
<b>M-70 Featherweight</b>	<b>5.56mm NATO</b>	<b>2.63 kg</b>	<b>5 Internal</b>	<b>\$790</b>
<b>M-70 Featherweight</b>	<b>6.5mm Swedish</b>	<b>2.87 kg</b>	<b>5 Internal</b>	<b>\$1176</b>
<b>M-70 Featherweight</b>	<b>7mm Mauser</b>	<b>2.79 kg</b>	<b>5 Internal</b>	<b>\$1360</b>
<b>M-70 Featherweight</b>	<b>7mm-08 Remington</b>	<b>2.75 kg</b>	<b>5 Internal</b>	<b>\$1261</b>
<b>M-70 Featherweight</b>	<b>.243 Winchester</b>	<b>2.74 kg</b>	<b>5 Internal</b>	<b>\$992</b>
<b>M-70 Featherweight</b>	<b>7mm Remington Magnum</b>	<b>3.01 kg</b>	<b>4 Internal</b>	<b>\$1490</b>
<b>M-70 Featherweight</b>	<b>.257 Roberts</b>	<b>2.95 kg</b>	<b>5 Internal</b>	<b>\$1156</b>
<b>M-70 Featherweight</b>	<b>.270 Winchester</b>	<b>2.99 kg</b>	<b>5 Internal</b>	<b>\$1451</b>
<b>M-70 Featherweight</b>	<b>.280 Remington</b>	<b>3.02 kg</b>	<b>5 Internal</b>	<b>\$1510</b>
<b>M-70 Featherweight</b>	<b>7.62mm NATO</b>	<b>3.09 kg</b>	<b>5 Internal</b>	<b>\$1422</b>
<b>M-70 Featherweight</b>	<b>.30-06 Springfield</b>	<b>3.11 kg</b>	<b>5 Internal</b>	<b>\$1703</b>
<b>M-70 Featherweight</b>	<b>.300 Winchester Magnum</b>	<b>3.2 kg</b>	<b>4 Internal</b>	<b>\$2227</b>
<b>M-70 Featherweight All-Terrain</b>	<b>.270 Winchester</b>	<b>2.68 kg</b>	<b>5 Internal</b>	<b>\$1465</b>
<b>M-70 Featherweight All-</b>	<b>7mm Remington Magnum</b>	<b>2.69 kg</b>	<b>4 Internal</b>	<b>\$1504</b>

Terrain				
M-70 Featherweight All-Terrain	.30-06 Springfield	2.79 kg	5 Internal	\$1718
M-70 Featherweight All-Terrain	.300 Winchester Magnum	2.87 kg	4 Internal	\$2242
M-70 Featherweight All-Terrain	.325 Winchester Short Magnum	2.74 kg	3 Internal	\$1612
M-70 Featherweight Classic	.22-250 Remington	3.29 kg	5 Internal	\$837
M-70 Featherweight Classic	.243 Winchester	3.4 kg	5 Internal	\$992
M-70 Featherweight Classic	6.5mm Swedish	3.56 kg	5 Internal	\$1176
M-70 Featherweight Classic	.270 Winchester	3.71 kg	5 Internal	\$1451
M-70 Featherweight Classic	.280 Remington	3.75 kg	5 Internal	\$1510
M-70 Featherweight Classic	7mm Remington Magnum	3.74 kg	4 Internal	\$1490
M-70 Featherweight Classic	7mm-08 Remington	3.41 kg	5 Internal	\$1261
M-70 Featherweight Classic	7.62mm NATO	3.63 kg	5 Internal	\$1422
M-70 Featherweight Classic	.30-06 Springfield	3.72 kg	5 Internal	\$1703
M-70 Featherweight Classic	.300 Winchester Magnum	3.83 kg	4 Internal	\$2227

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Featherweight/Classic (.22-250)	BA	3	1-Nil	6	3	Nil	65
M-70 Featherweight (5.56mm)	BA	3	1-Nil	6	3	Nil	70
M-70 Featherweight (6.5mm)	BA	4	2-Nil	7	5	Nil	68
M-70 Featherweight (7mm)	BA	4	2-3-Nil	7	5	Nil	70
M-70 Featherweight (7mm-08)	BA	4	2-3-Nil	7	5	Nil	77
M-70 Featherweight (.243)	BA	3	2-Nil	6	4	Nil	65
M-70 Featherweight/All-Terrain (7mm Magnum)	BA	4	1-2-3	7	5	Nil	75
M-70 Featherweight (.257)	BA	3	2-Nil	7	5	Nil	64
M-70 Featherweight/All Terrain (.270)	BA	4	2-3-Nil	7	5	Nil	60
M-70 Featherweight (.280)	BA	4	2-3-Nil	7	5	Nil	62
M-70 Featherweight (7.62mm)	BA	4	2-3-Nil	7	5	Nil	79
M-70 Featherweight/All-Terrain (.30-06)	BA	4	2-3-Nil	7	5	Nil	68
M-70 Featherweight/All-Terrain (.300 Magnum)	BA	5	2-3-Nil	7	5	Nil	78
M-70 Featherweight All-Terrain (.325 Short Magnum)	BA	5	1-2-3	7	5	Nil	95
M-70 Featherweight Classic (.243)	BA	3	2-Nil	6	3	Nil	65
M-70 Featherweight Classic (6.5mm)	BA	4	2-Nil	7	4	Nil	68

M-70 Laredo Long-Range Hunter

Notes: The Laredo Long-Range Hunter was designed for long-range hunting in a North American or Canadian environment, where there are a lot of open spaces and medium-sized game. The rifle features a 26-inch match-quality floating barrel using the Pillar Plus Accu Block bedding system, and a gray/black synthetic stock with a broadened fore-end that is specially-textured for a sure grip. The pistol grip wrist is a bit deeper than normal and is likewise specially textured. The butt has a rubber non-slip cover on it (note, this is not a recoil pad). Some extra weight has been added in strategic places to improve balance and in general increase the weight to fight felt recoil without unduly increasing the weight of the rifle. The Laredo Long-Range Hunter is also available in a version able to take the BOSS muzzle attachment. The Laredo Long-Range Hunter is meant to be used with a variety of optics, but it does have decent, adjustable iron sights.

Weapon	Ammunition	Weight	Magazines	Price
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M-70 Laredo Long-Range Hunter	7mm Remington Magnum	4.31 kg	4 Internal	\$1552
M-70 Laredo Long-Range Hunter	7mm STW	4.38 kg	4 Internal	\$1727
M-70 Laredo Long-Range Hunter	.300 Winchester Magnum	4.62 kg	4 Internal	\$2396
M-70 Laredo Long-Range Hunter w/BOSS	7mm Remington Magnum	4.51 kg	4 Internal	\$1605
M-70 Laredo Long-Range Hunter w/BOSS	7mm STW	4.58 kg	4 Internal	\$1779
M-70 Laredo Long-Range Hunter w/BOSS	.300 Winchester Magnum	4.82 kg	4 Internal	\$2446

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Laredo Long-Range Hunter (7mm Magnum)	BA	4	1-2-3	8	4	Nil	103
M-70 Laredo Long-Range Hunter (7mm STW)	BA	4	1-2-3	8	4	Nil	99
M-70 Laredo Long-Range Hunter (.300 Magnum)	BA	5	1-2-3	8	4	Nil	106
M-70 Laredo Long-Range Hunter w/BOSS (7mm Magnum)	BA	4	1-2-3	8	3	Nil	103
M-70 Laredo Long-Range Hunter w/BOSS (7mm STW)	BA	4	1-2-3	8	3	Nil	99
M-70 Laredo Long-Range Hunter w/BOSS (.300 Magnum)	BA	5	1-2-3	8	3	Nil	106

M-70 Lightweight Carbine

Notes: The Lightweight Carbine has the same basic form as the Sporter, other than the shorter fore-end and the shorter 20-inch tapered barrel. Unlike most M-70s, the Lightweight Carbine has sling swivels at the butt and the front of the fore-end. The furniture is walnut, but of a lightweight grade. The result is a light, handy version of the M-70 Sporter, which can have heavy recoil in some chamberings. The Lightweight Carbine was introduced in 1984 and mostly withdrawn from the market in 1987, but they were sold for a while longer (I have not been able to ascertain when sales of the Lightweight Carbine by Winchester stopped, but they haven't been seen on Winchester's site or in their catalogs for some time).

The Lightweight Carbine was replaced in production by the Lightweight, which is basically the same rifle but with a 22-inch tapered barrel and a different mix of chamberings. Technically, having a 22-inch barrel makes it a rifle and not a carbine (and for that matter, so is the Lightweight Carbine), but it is included here with the Lightweight Carbine since they are both basically the same weapon except for the barrel. The Lightweight was produced from 1987-95.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Lightweight Carbine	22-250 Remington	2.72 kg	5 Internal	\$820
M-70 Lightweight Carbine	5.56mm NATO	2.69 kg	6 Internal	\$773
M-70 Lightweight Carbine	.243 Winchester	2.82 kg	5 Internal	\$975
M-70 Lightweight Carbine	.250 Savage	2.84 kg	5 Internal	\$1007
M-70 Lightweight Carbine	.270 Winchester	3.08 kg	5 Internal	\$1434
M-70 Lightweight Carbine	7.62mm NATO	3.07 kg	5 Internal	\$1405
M-70 Lightweight Carbine	.30-06 Springfield	3.2 kg	5 Internal	\$1685
M-70 Lightweight	.22-250 Remington	2.95 kg	5 Internal	\$840
M-70 Lightweight	5.56mm NATO	2.92 kg	6 Internal	\$794
M-70 Lightweight	.243 Winchester	3.06 kg	5 Internal	\$996
M-70 Lightweight	.270 Winchester	3.34 kg	5 Internal	\$1454
M-70 Lightweight	.280 Remington	3.37 kg	5 Internal	\$1513
M-70 Lightweight	7.62mm NATO	3.33 kg	5 Internal	\$1426
M-70 Lightweight	.30-06 Springfield	3.47 kg	5 Internal	\$1706



Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Lightweight Carbine (.22-250)	BA	3	1-Nil	6	3	Nil	57
M-70 Lightweight Carbine (5.56mm)	BA	3	1-Nil	6	3	Nil	62
M-70 Lightweight Carbine (.243)	BA	3	2-Nil	6	3	Nil	58
M-70 Lightweight Carbine (.250)	BA	3	2-Nil	6	4	Nil	66
M-70 Lightweight Carbine (.270)	BA	4	2-3-Nil	6	4	Nil	53
M-70 Lightweight Carbine (7.62mm)	BA	4	2-3-Nil	6	5	Nil	70
M-70 Lightweight Carbine (.30-06)	BA	4	2-3-Nil	6	5	Nil	61
M-70 Lightweight (.22-250)	BA	3	1-Nil	6	3	Nil	66
M-70 Lightweight (5.56mm)	BA	3	1-Nil	6	3	Nil	71
M-70 Lightweight (.243)	BA	3	2-Nil	6	3	Nil	67
M-70 Lightweight (.270)	BA	4	2-3-Nil	7	5	Nil	62
M-70 Lightweight (.280)	BA	4	2-3-Nil	7	5	Nil	63
M-70 Lightweight (7.62mm)	BA	4	2-3-Nil	7	5	Nil	80
M-70 Lightweight (.30-06)	BA	4	2-3-Nil	7	5	Nil	70

## M-70 Magnum

Notes: The Magnum began production back in 1972, but even then used what would be the 3<sup>rd</sup>-version production methods and standards. Production stopped in approximately 1981, but started again in 1985. For the most part it is identical to the 2<sup>nd</sup>-version M-70 Standard in stock design, but uses the superior 3<sup>rd</sup>-version action, trigger pack, and magazine design, as well as most of its other design improvements. The Magnum used a 24-inch heavy barrel, and had a ventilated rubber recoil pad at the butt. Like many such versions of the M-70, the Magnum had an extra recoil bolt through the stock, in this case below the chamber. All chamberings were magnum rounds, but ranged from small-caliber magnums to medium-large calibers. Like the Sporter, the Magnum used a 24-inch tapered barrel. Magazines were unfortunately rather small. The Magnum did not sell well, possibly due to the relatively light weight and powerful cartridges. Note that the 3<sup>rd</sup>-version Magnum is not simply an evolution of the 2<sup>nd</sup>-version Magnum, though they otherwise do appear very similar.

In 1991, a new version of the Magnum was again on the market. This new Magnum had a stock setup similar to the earlier Magnum, and did have several new chamberings, though the truly large chamberings of the old Magnum were absent. In 1997, versions with the BOSS attachment were offered for several of the new Magnum chamberings. (It should be noted that the appellation "New" Magnum is something I am using to avoid confusion only and is not an official company name.)

Prior to the introduction of the Magnum, an M-70 African version of this rifle was also introduced in 1970, chambered for .458 Winchester Magnum. It remained in production longer, until 1984. Counter-intuitively, the African uses a shorter 22-inch barrel, though the barrel is of heavy weight and match-quality. Two extra recoil bolts were added to the stock, the fore-end has an ebonite cap. It had a larger magazine capacity than the other 3<sup>rd</sup>-Version Magnum rifles. It was often criticized for its relatively light weight; to many shooters, it is too light for the powerful cartridge it fires, and it does not even have a simple recoil pad to help mitigate felt recoil.

In 1983, the M-70 Super Express (sometimes called the Super Express Magnum) was introduced; it was a replacement for the African, though stocks of the African were sold for a year longer by Winchester. The original stock used a Monte Carlo comb on the stock, though later versions were introduced using a stock similar to the design of the standard Magnum. A recoil pad was added to the butt, along with two extra recoil bolts in the stock to strengthen the rifle. Furniture remained walnut, though it was highly-polished and coated with a clear weatherproof lacquer. Metalwork was generally blued and also had a weatherproof and rust-inhibiting finish. The barrel was free-floating, bedded with a special thermoplastic material, and the barrel was 24 inches, of heavy profile, and tipped with a target crown. At the toe of the butt and near the end of the barrel, sling swivels were added. The rear sight is a simple open, adjustable sight, and the front a post; primary sights are meant to be scopes. Initial chamberings were .375 H&H Magnum and .458 Winchester Magnum; .416 Remington Magnum was added in 1990. They look heavy and *are* in fact heavier than most M-70s; despite this, recoil is quite stiff, due to the power of the rounds it fires.

The M-70 Custom Express uses superior grade American black walnut for its stock, and pays more attention to detail such as tolerances and the hand-cut checkering on the pistol grip wrist and fore-end. Introduced in 1992, the Custom Express is sort of an evolution of the M-70 African, with the same improvements and alterations as on the African, though it does have a ventilated recoil pad. In addition, it has a rear adjustable leaf Express sight. The Custom Express is available in a wider range of chamberings, including some exotic ones. The version in .458 Winchester Magnum uses a 22-inch heavy match-quality barrel; the other chamberings have a 24-inch match-quality heavy barrel.

From 1992-94, a minor variant of the M-70 Magnum, the Magnum Win-Tuff, was put on the market. It was produced only in small numbers. The Magnum Win-Tuff differs primarily in its stock, which has a laminated weatherproof finish and a raised cheekpiece, and the butt, which has a rubber recoil pad.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Magnum	.264 Winchester Magnum	3.49 kg	3 Internal	\$1358



M-70 Magnum	.300 Winchester Magnum	3.82 kg	3 Internal	\$2306
M-70 Magnum	.338 Winchester Magnum	3.91 kg	3 Internal	\$2527
M-70 Magnum	.375 H&H Magnum	3.99 kg	3 Internal	\$3251
M-70 African	.458 Winchester Magnum	3.86 kg	4 Internal	\$3966
M-70 New Magnum	.264 Winchester Magnum	3.49 kg	3 Internal	\$1358
M-70 New Magnum	7mm Remington Magnum	3.57 kg	3 Internal	\$1516
M-70 New Magnum	7mm STW	3.66 kg	3 Internal	\$1690
M-70 New Magnum	.300 Weatherby Magnum	3.87 kg	3 Internal	\$2426
M-70 New Magnum	.300 Winchester Magnum	3.82 kg	3 Internal	\$2306
M-70 New Magnum	.300 H&H Magnum	3.88 kg	3 Internal	\$2441
M-70 New Magnum	.338 Winchester Magnum	3.91 kg	3 Internal	\$2527
M-70 Super Express	.375 H&H Magnum	3.86 kg	3 Internal	\$3333
M-70 Super Express	.416 Remington Magnum	4.03 kg	3 Internal	\$3904
M-70 Super Express	.458 Winchester Magnum	4.08 kg	3 Internal	\$4093
M-70 New Magnum w/BOSS	7mm Remington Magnum	3.77 kg	3 Internal	\$1566
M-70 New Magnum w/BOSS	7mm STW	3.86 kg	3 Internal	\$1740
M-70 New Magnum w/BOSS	.300 Winchester Magnum	4.02 kg	3 Internal	\$2356
M-70 New Magnum w/BOSS	.338 Winchester Magnum	4.11 kg	3 Internal	\$2577
M-70 Custom Express	.375 H&H Magnum	4.07 kg	4 Internal	\$3363
M-70 Custom Express	.375 JRS	4.06 kg	4 Internal	\$3354
M-70 Custom Express	.416 Remington Magnum	4.24 kg	4 Internal	\$3934
M-70 Custom Express	.458 Winchester Magnum	4.26 kg	4 Internal	\$4057
M-70 Custom Express	.470 Capstick	4.49 kg	4 Internal	\$4862

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Magnum/New Magnum (.264 Magnum)	BA	4	1-2-3	7	4	Nil	82
M-70 Magnum/New Magnum (.300 Win Magnum)	BA	5	2-3-Nil	7	5	Nil	92
M-70 Magnum/New Magnum (.338 Magnum)	BA	6	1-3-Nil	8	6	Nil	106
M-70 Magnum (.375 H&H Magnum)	BA	7	1-3-5	8	6	Nil	113
M-70 New Magnum (7mm Magnum)	BA	4	1-2-3	7	5	Nil	89
M-70 New Magnum (7mm STW)	BA	4	1-2-3	7	5	Nil	95
M-70 New Magnum (.300 Whby Magnum)	BA	5	1-2-3	8	5	Nil	94
M-70 New Magnum (.300 H&H Magnum)	BA	5	1-2-3	8	5	Nil	98
M-70 New Magnum w/BOSS (7mm Magnum)	BA	4	1-2-3	8	3	Nil	89
M-70 New Magnum w/BOSS (7mm STW)	BA	4	1-2-3	8	3	Nil	95
M-70 New Magnum w/BOSS (.300 Win Magnum)	BA	5	2-3-Nil	8	3	Nil	92
M-70 New Magnum w/BOSS (.338 Magnum)	BA	6	1-3-Nil	8	4	Nil	106
M-70 African	BA	7	1-3-5	8	7	Nil	102
M-70 Custom Express (.375 H&H Magnum)	BA	7	1-3-5	8	5	Nil	122
M-70 Custom Express (.375 JRS)	BA	7	1-3-5	8	5	Nil	111
M-70 Custom Express (.416 Magnum)	BA	7	1-3-5	9	5	Nil	126
M-70 Custom Express (.458 Magnum)	BA	7	1-3-5	8	5	Nil	106
M-70 Custom Express (.470 Capstick)	BA	8	1-2-3	9	6	Nil	120
M-70 Super Express (.375 Magnum)	BA	7	1-3-5	8	5	Nil	116
M-70 Super Express (.416 Magnum)	BA	7	1-3-5	8	5	Nil	119
M-70 Super Express (.458 Magnum)	BA	8	1-3-5	8	5	Nil	114

M-70 Ranger

Notes: The Ranger was introduced in 1985; several sources say it is still in production, but is not currently offered on Winchester's web site as of the time I write this (mid-August 2011). It is a simplified version of the M-70 Sporter, less expensive (in real-life terms) than the Sporter, but intended for the same type of work. The Ranger has plain hardwood stock (most were made of beech) and used a simpler push-type feed. Originally, the Ranger had no iron sights, relying on buyers to add optics, and did not have a hinged floorplate for the magazine; but these were added in 1990 (with the sights being detachable). The 7mm Remington Magnum chambering was not introduced until 1997, and the Ranger did in general have less chambering choices than the Sporter. The lesser-quality wood is a little lighter than that on the Sporter, and the fore-end is simply rounded instead of having a cap. Like the Sporter, the Ranger has a 24-inch standard-weight barrel.

Introduced in 1987 and built until 1997, the Ranger Youth & Ladies rifle was a minor variant of the Ranger, differing chiefly in having a shorter, lighter stock with a shorter length of pull and somewhat lighter weight. It also used some chamberings than the standard Ranger came in. The 5.56mm NATO chambering was discontinued from 1989-97, when it reappeared, accompanied by a 7mm-08 chambering. Except for this, it is identical to the standard Ranger.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Ranger	5.56mm NATO	3.03 kg	5 Internal	\$811
M-70 Ranger	.243 Winchester	3.17 kg	5 Internal	\$1012
M-70 Ranger	.270 Winchester	3.46 kg	5 Internal	\$1471
M-70 Ranger	7mm Remington Magnum	3.48 kg	4 Internal	\$1510
M-70 Ranger	.30-06 Springfield	3.59 kg	5 Internal	\$1723
M-70 Ranger Youth & Ladies	5.56mm NATO	2.88 kg	5 Internal	\$811
M-70 Ranger Youth & Ladies	.243 Winchester	3.01 kg	5 Internal	\$1012
M-70 Ranger Youth & Ladies	7mm-08 Remington	3.18 kg	5 Internal	\$1281
M-70 Ranger Youth & Ladies	7.62mm NATO	3.26 kg	5 Internal	\$1443

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Ranger/Youth & Ladies (5.56mm)	BA	3	1-Nil	7	3	Nil	76
M-70 Ranger/Youth & Ladies (.243)	BA	3	2-Nil	7	3	Nil	74
M-70 Ranger (.270)	BA	4	2-3-Nil	7	4	Nil	69
M-70 Ranger (7mm Magnum)	BA	4	1-2-3	7	5	Nil	86
M-70 Ranger (.30-06)	BA	4	2-3-Nil	7	5	Nil	78
M-70 Youth & Ladies (7mm-08)	BA	4	2-3-Nil	7	5	Nil	87
M-70 Youth & Ladies (7.62mm NATO)	BA	4	2-3-Nil	7	5	Nil	89

M-70 SHB/SSM

The M-70 SHB (Synthetic Heavy Barrel) uses what is essentially a synthetic version of the Sporter's stock with a *faux* wood finish. It was produced from 1992-95. The metalwork is mostly in matte metal, which contrasts with the bright machine-jeweled bolt. The SHB was chambered only for 7.62mm NATO, and borrowed the 26-inch heavy barrel of the M-70 Varmint. A short-lived synthetic-stock version, the M-70 SSM (Synthetic Sporter, Matte finish) used the same finish, but the Sporter pattern; it was essentially a Sporter with a synthetic matte-finish stock, which made the rifle lighter and more weatherproof. Unlike most synthetic-stocked versions of the M-70, the M-70 SSM had checkering molded into the fore-end and pistol grip wrist. In addition, sling swivels were attached under the fore-end and butt, something the standard Sporter lacks. The SSM was produced only for a few months in 1992 and is rather hard to find these days.

For a few months in 1992, the M-70 SSM Magnum was produced and marketed. It is essentially a standard Magnum with a matte black synthetic stock and a dark matte finish to the external metalwork. In addition, the SSM Magnum has sling swivels under the fore-end and the butt, something the standard Magnum lacks. Unlike most synthetic-stocked M-70s, the SSM Magnum has checkering molded into the fore-end and pistol grip wrist. The result is a lighter, more weatherproof Magnum.

Weapon	Ammunition	Weight	Magazines	Price
M-70 SHB	7.62mm NATO	4.08 kg	5 Internal	\$1484
M-70 SSM	.270 Winchester	3.27 kg	5 Internal	\$1485
M-70 SSM	.30-06 Springfield	3.4 kg	5 Internal	\$1738
M-70 SSM Magnum	7mm Remington Magnum	3.21 kg	3 Internal	\$1530
M-70 SSM Magnum	.300 Winchester Magnum	3.44 kg	3 Internal	\$2321
M-70 SSM Magnum	.338 Winchester Magnum	3.51 kg	3 Internal	\$2543

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 SHB	BA	4	2-3-Nil	8	4	Nil	102

M-70 SSM (.270)	BA	4	2-3-Nil	7	5	Nil	69
M-70 SSM (.30-06)	BA	4	2-3-Nil	7	5	Nil	78
M-70 SSM Magnum (7mm Magnum)	BA	4	1-2-3	7	5	Nil	89
M-70 SSM Magnum (.300 Win Magnum)	BA	5	2-3-Nil	7	5	Nil	92
M-70 SSM Magnum (.338 Magnum)	BA	6	1-3-Nil	8	6	Nil	106

M-70 Sporter Win-Tuff

Another minor variant (of the Sporter, not the Win-Tuff below), the M-70 Sporter Win-Tuff, differs primarily in its weatherproofed, laminated wood stock with a raised cheekpiece, and a rubber recoil pad on the butt. The Sporter Win-Tuff was produced only from 1992-94, and only in small numbers and in two chamberings. Unfortunately, neither the recoil pad nor the slight extra weight have any effect in game terms, and the Win-Tuff shoots the same as a standard Sporter of the same caliber.

The Win-Tuff Magnum (not to be confused with the Magnum Win-Tuff) is essentially a magnum-firing version of the Win-Tuff Sporter, and shares the same basic design of Win-Tuff Sporter, including the weatherproofed and warp-resistant stock, iron sights with an adjustable peep at the rear, drilling and tapping for a scope. The finish is, like the Win-Tuff Sporter, brown finish for the furniture, and a blued finish for the metalwork. The Win-Tuff Magnum shares the lighter-than average weight of its brother rifles, but does have a greater magazine capacity than other magnum M-70 rifles, though it is not the lightest of the M-70 series firing magnum rounds.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Sporter Win-Tuff	.270 Winchester	3.94 kg	5 Internal	\$1546
M-70 Sporter Win-Tuff	.30-06 Springfield	4.08 kg	5 Internal	\$1798
M-70 Magnum Win-Tuff	7mm Remington Magnum	3.87 kg	3 Internal	\$1591
M-70 Magnum Win-Tuff	.300 Weatherby Magnum	4.17 kg	3 Internal	\$2501
M-70 Magnum Win-Tuff	.300 Winchester Magnum	4.12 kg	3 Internal	\$2381
M-70 Magnum Win-Tuff	.338 Winchester Magnum	4.21 kg	3 Internal	\$2602

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Sporter Win-Tuff (.270)	BA	4	2-3-Nil	7	4	Nil	69
M-70 Sporter Win-Tuff (.30-06)	BA	4	2-3-Nil	7	4	Nil	78
M-70 Magnum Win-Tuff (7mm Magnum)	BA	4	1-2-3	7	4	Nil	89
M-70 Magnum Win-Tuff (.300 Whby Magnum)	BA	5	1-2-3	8	4	Nil	94
M-70 Magnum Win-Tuff (.300 Win Magnum)	BA	5	2-3-Nil	7	4	Nil	92
M-70 Magnum Win-Tuff (.338 Magnum)	BA	6	1-3-Nil	8	5	Nil	106

M-70 Stainless

In 1992, a version of the Sporter was introduced with almost all of the metalwork (the barrel, receiver, action, and bolt) in matte stainless steel. (The Stainless is not to be confused with the Sporter Stainless, above.) The stock, while of the Sporter design, is made from matte black fiberglass/graphite composite. The Stainless has most of the chamberings of the Sporter, including some magnum chamberings. The barrel is standard for the M-70, 24 inches long with a standard round profile. Due to its construction, the Stainless is very light, which of course affects recoil. In 1997, several chamberings were offered in versions which can take the BOSS muzzle device.

The Featherweight Stainless is primarily distinguished by its black graphite/fiberglass stock with a rounded fore-end. It was introduced in 1997, and later was one of the first M-70s to be able to take the optional BOSS (Barrel Optimized Shooting System) muzzle attachment, which is essentially a muzzle brake with adjustable muzzle weights to improve the balance of the rifle and customize that balance to the shooter. The metalwork is primarily bright stainless steel. Except for the ability to take the BOSS attachment and a greater availability of chamberings, the Featherweight Stainless is identical to the Featherweight All-Terrain (above) for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Stainless	.22-250 Remington	2.95 kg	5 Internal	\$869
M-70 Stainless	.243 Winchester	3.06 kg	5 Internal	\$1025
M-70 Stainless	.270 Winchester	3.33 kg	5 Internal	\$1485
M-70 Stainless	7.62mm NATO	3.44 kg	5 Internal	\$1457
M-70 Stainless	.30-06 Springfield	3.46 kg	5 Internal	\$1738
M-70 Stainless Magnum	7mm Remington Magnum	3.24 kg	3 Internal	\$1466
M-70 Stainless Magnum	.300 Weatherby Magnum	3.49 kg	3 Internal	\$2324
M-70 Stainless Magnum	.300 Winchester Magnum	3.45 kg	3 Internal	\$2303
M-70 Stainless Magnum	.338 Winchester Magnum	3.53 kg	3 Internal	\$2525
M-70 Stainless Magnum	.375 H&H Magnum	3.6 kg	3 Internal	\$3252

M-70 Stainless w/BOSS	.243 Winchester	3.26 kg	5 Internal	\$1075
M-70 Stainless w/BOSS	.270 Winchester	3.53 kg	5 Internal	\$1535
M-70 Stainless w/BOSS	.30-06 Springfield	3.66 kg	5 Internal	\$1788
M-70 Stainless Magnum w/BOSS	7mm Remington Magnum	3.44 kg	3 Internal	\$1516
M-70 Stainless Magnum w/BOSS	.300 Weatherby Magnum	3.69 kg	3 Internal	\$2474
M-70 Stainless Magnum w/BOSS	.300 Winchester Magnum	3.65 kg	3 Internal	\$2353
M-70 Stainless Magnum w/BOSS	.338 Winchester Magnum	3.73 kg	3 Internal	\$2575
M-70 Featherweight Stainless	.22-250 Remington	2.38 kg	5 Internal	\$849
M-70 Featherweight Stainless	.243 Winchester	2.46 kg	5 Internal	\$1005
M-70 Featherweight Stainless	.270 Winchester	2.68 kg	5 Internal	\$1465
M-70 Featherweight Stainless	7mm Remington Magnum	2.69 kg	4 Internal	\$1504
M-70 Featherweight Stainless	7.62mm NATO	2.73 kg	5 Internal	\$1436
M-70 Featherweight Stainless	.30-06 Springfield	2.79 kg	5 Internal	\$1718
M-70 Featherweight Stainless	.300 Winchester Magnum	2.87 kg	4 Internal	\$2242
M-70 Featherweight Stainless w/BOSS	.22-250 Remington	2.58 kg	5 Internal	\$899
M-70 Featherweight Stainless w/BOSS	.243 Winchester	2.66 kg	5 Internal	\$1055
M-70 Featherweight Stainless w/BOSS	.270 Winchester	2.88 kg	5 Internal	\$1515
M-70 Featherweight Stainless w/BOSS	7mm Remington Magnum	2.89 kg	4 Internal	\$1554
M-70 Featherweight Stainless w/BOSS	7.62mm NATO	2.93 kg	5 Internal	\$1486
M-70 Featherweight Stainless w/BOSS	.30-06 Springfield	2.99 kg	5 Internal	\$1768
M-70 Featherweight Stainless w/BOSS	.300 Winchester Magnum	3.07 kg	4 Internal	\$2292

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Stainless (.22-250)	BA	3	1-Nil	7	3	Nil	73
M-70 Stainless (.243)	BA	3	2-Nil	7	3	Nil	74
M-70 Stainless (.270)	BA	4	2-3-Nil	7	5	Nil	69
M-70 Stainless (7.62mm)	BA	4	2-3-Nil	7	5	Nil	89
M-70 Stainless (.30-06)	BA	4	2-3-Nil	7	5	Nil	78
M-70 Stainless Magnum (7mm Magnum)	BA	4	1-2-3	7	5	Nil	84
M-70 Stainless Magnum (.300 Whby Magnum)	BA	5	1-2-3	7	5	Nil	90
M-70 Stainless Magnum (.300 Win Magnum)	BA	5	2-3-Nil	7	5	Nil	90
M-70 Stainless Magnum (.338 Win Magnum)	BA	6	1-3-Nil	8	6	Nil	103
M-70 Stainless Magnum (.375 H&H Magnum)	BA	7	1-3-5	8	6	Nil	109
M-70 Stainless w/BOSS (.243)	BA	3	2-Nil	7	2	Nil	74
M-70 Stainless w/BOSS (.270)	BA	4	2-3-Nil	7	3	Nil	69
M-70 Stainless w/BOSS (.30-06)	BA	4	2-3-Nil	8	3	Nil	78
M-70 Stainless Magnum w/BOSS (7mm	BA	4	1-2-3	7	3	Nil	84

Magnum)							
<b>M-70 Stainless Magnum w/BOSS (.300 Whby Magnum)</b>	BA	5	1-2-3	8	4	Nil	90
<b>M-70 Stainless Magnum w/BOSS (.300 Win Magnum)</b>	BA	5	2-3-Nil	7	3	Nil	90
<b>M-70 Stainless Magnum w/BOSS (.338 Win Magnum)</b>	BA	6	1-3-Nil	8	4	Nil	103
<b>M-70 Featherweight Stainless (.22-250)</b>	BA	3	1-Nil	6	4	Nil	65
<b>M-70 Featherweight Stainless (.243)</b>	BA	3	2-Nil	6	4	Nil	65
<b>M-70 Featherweight Stainless (.270)</b>	BA	4	2-3-Nil	7	5	Nil	60
<b>M-70 Featherweight Stainless (7mm Magnum)</b>	BA	4	1-2-3	7	5	Nil	75
<b>M-70 Featherweight Stainless (7.62mm)</b>	BA	4	2-3-Nil	7	5	Nil	79
<b>M-70 Featherweight Stainless (.30-06)</b>	BA	4	2-3-Nil	7	5	Nil	68
<b>M-70 Featherweight Stainless (.300 Magnum)</b>	BA	5	2-3-Nil	7	5	Nil	78
<b>M-70 Featherweight Stainless w/BOSS (.22-250)</b>	BA	3	1-Nil	6	3	Nil	65
<b>M-70 Featherweight Stainless w/BOSS (.243)</b>	BA	3	2-Nil	7	3	Nil	65
<b>M-70 Featherweight Stainless w/BOSS (.270)</b>	BA	4	2-3-Nil	7	4	Nil	60
<b>M-70 Featherweight Stainless w/BOSS (7mm Magnum)</b>	BA	4	1-2-3	7	4	Nil	75
<b>M-70 Featherweight Stainless w/BOSS (7.62mm)</b>	BA	4	2-3-Nil	7	4	Nil	79
<b>M-70 Featherweight Stainless w/BOSS (.30-06)</b>	BA	4	2-3-Nil	7	4	Nil	68
<b>M-70 Featherweight Stainless w/BOSS (.300 Magnum)</b>	BA	5	2-3-Nil	7	4	Nil	78

## M-70 Target Rifles

Notes: This is a general grouping of 3<sup>rd</sup>-Version Winchester M-70s that are designed for either competition shooting or otherwise for enhanced accuracy. Several versions of the 3<sup>rd</sup>-Version M-70 Target Rifles are used by police and military snipers, including rumors of their being used in Afghanistan and Iraq by US and NATO military and special operations snipers in some roles.

The first of the 3<sup>rd</sup>-Version M-70 types of these rifles was the original M-70 Target, produced from 1972-80. It was a close duplication of the 1<sup>st</sup>-Version M-70 Target rifle, with the same Marksman stock and fore-end design, as well as a heavy, match-quality barrel; however, the 3<sup>rd</sup>-Version Target rifle's barrel was two inches longer at 26 inches, and tipped with a target crown. The action was improved to 3<sup>rd</sup>-Version standards, making it even smoother and more reliable than the 1<sup>st</sup>-Version Target rifle's action. The fore-end had a hand-stop added at about the place that most shooters placed their hand under the fore-end, though Winchester would custom make the fore-end with the hand-stop placed for an individual shooter upon request. The Target rifle also had sling swivels at the front of the fore-end and the toe of the butt; the front sling swivel could be removed from its base, and some brands and types of bipod attached instead (though a bipod was not sold standard with the Target rifle). The Target rifle had no iron sights, since virtually all competition target shooter would use some kind of scope; however, the drilling and tapping allowed for the mounting of virtually any scope base, ring, or mount, including (it would prove later) Weaver and MIL-STD-1913 rails.

About the same time, Winchester released the Ultra Match. It was a "Custom Grade" pattern, built in limited numbers, with production stopping in 1981 after a low yearly production. The stock was the same as that of the M-70 Target (a Marksman stock), but the parts were hand-fitted to greater tolerances than the M-70 Target. It featured a floating, heavy, match-grade 26-inch barrel, tipped with a counterbored muzzle (a bit better than a target crown accuracy-wise, but having the same effect in game terms). The barrel is bedded using fiberglass resin. Like the Target rifle, the Ultra Match had no iron sights, since virtually all competition target shooter would use some kind of scope; however, the drilling and tapping allowed for the mounting of virtually any scope base, ring, or mount, including (it would prove later) Weaver and MIL-STD-1913 rails. It also had a hand-stop on the fore-end and sling swivels, but the checkering at the fore-end and pistol grip wrist was hand-cut and finer than on the Target rifle. The trigger pack was adjustable for pull weight and pull length by the shooter using a screwdriver. Chamberings were identical to those on the Target rifle, as was the weight, and for game purposes it shot the same as the Target rifle.

Close on the M-70 Target's heels was the 3<sup>rd</sup> version of the M-70's International Army Match Rifle, produced from 1973-81 and virtually identical to the 2<sup>nd</sup> version M-70 model of the same name, except for more modern manufacturing methods and



improvements in the action and trigger pack. All used 24-inch heavy floating match-quality barrels. The stocks were relatively massive, with a wide fore-end and a large butt with an adjustable buttplate and cheekpiece. Under the fore-end was an accessory rail (designed for certain accessories which could be slid onto the rail and secured). The trigger was fully adjustable by the shooter using external screws. Unlike most other M-70s, the International Army Match Rifle used a detachable magazine; however, this version of the International Army Match rifle could be also top-loaded too, and had stripper clip guides to facilitate this. The International Army Match Rifle had excellent adjustable iron sights, but was primarily designed for use with optics, and had extra drilling and tapping to accommodate a wide variety of scopes and scope mounts. The 3<sup>rd</sup> version International Army Match Rifle was chambered for .30-06 instead of 7.62mm NATO.

The M-70 Sharpshooter, produced from 1992-95, was initial a made-to-order version of the M-70, but competition and police shooters showed enough interest in the Sharpshooter to induce larger-scale production. It remains, however, one of the rarer of the 3<sup>rd</sup>-Version M-70s. The Sharpshooter has a McMillan A2 synthetic stock with special texturing for a good grip, especially on the fore-end, pistol grip wrist, and the buttplate (which is rubber). The McMillan A2 stock has a deeper-than-normal pistol grip wrist, special glass bedding for the barrel, a length of pull adjustable with spacers, and an optional adjustable cheekpiece. The barrel is a Schneider heavy-profile match-quality floating barrel with a length of 24 or 26 inches, tipped with a target crown. Unlike most other M-70s, it comes standard with a Harris bipod adjustable for height and cant. Though the iron sights are not meant to be the primary sights, they are finely-adjustable and can be removed and replaced with different iron sights. The Sharpshooter is drilled and tapped for scope mounts of several different types, including a Weaver or MIL-STD-1913 rail. The stock has a small amount of carefully-added extra weight for strength, balance, and to decrease felt recoil.

The Custom Sharpshooter II was designed for certain types of completion and is designed more for civilian use and competitions; it was introduced in 1992. The stock is a McMillan synthetic target stock; the 26-inch Schneider stainless steel barrel is of match-quality, is free-floating, and uses the Pillar Plus Accu-Block bedding system. The butt has a ventilated recoil pad, and is adjustable for length of pull by use of spacers. Weight has been carefully added by the use of light alloy and stainless steel weights in various places in the stock and frame. Unlike the Sharpshooter, the Custom Sharpshooter II does not come standard with a bipod. A second version of the Custom Sharpshooter II was introduced in 1993; this version is mechanically and construction-wise almost identical to the initial Custom Sharpshooter II, but it has a gray sporting-style synthetic stock (still made by McMillan) and comes in different chamberings. Note that the .270 Winchester chambering of this second version of the Custom Sharpshooter II was discontinued in 1995, though the others, 7mm STW and .300 Magnum, continued. The .270 Winchester and .300 Winchester Magnum chamberings are identical in game terms to the original Custom Sharpshooter II.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Target/Ultra Match	7.62mm NATO	4.76 kg	5 Internal	\$1419
M-70 Target/Ultra Match	.30-06 Springfield	4.94 kg	5 Internal	\$1685
M-70 International Army Match Rifle	.30-06 Springfield	4.99 kg	5	\$1734
M-70 Sharpshooter (24" Barrel)	7.62mm NATO	4.99 kg	5 Internal	\$2012
M-70 Sharpshooter (26" Barrel)	7.62mm NATO	5.04 kg	5 Internal	\$2078
M-70 Sharpshooter (24" Barrel)	.300 Winchester Magnum	5.16 kg	4 Internal	\$2356
M-70 Sharpshooter (26" Barrel)	.300 Winchester Magnum	5.21 kg	4 Internal	\$2421
M-70 Custom Sharpshooter II	.22-250 Remington	4.81 kg	5 Internal	\$962
M-70 Custom Sharpshooter II	7mm STW	5.21 kg	4 Internal	\$1789
M-70 Custom Sharpshooter II	7.62mm NATO	4.96 kg	5 Internal	\$1547
M-70 Custom Sharpshooter II	.30-06 Springfield	4.99 kg	5 Internal	\$1828
M-70 Custom Sharpshooter II	.300 Winchester Magnum	5.13 kg	4 Internal	\$2451

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Target/Ultra Match (7.62mm)	BA	4	2-3-Nil	8	4	Nil	105
M-70 Target/Ultra Match (.30-06)	BA	4	2-3-Nil	8	4	Nil	93
M-70 International Army Match Rifle	BA	4	2-3-Nil	8	4	Nil	84
M-70 Sharpshooter (24", 7.62mm)	BA	4	2-3-Nil	7	4	Nil	98
With Bipod	BA	4	2-3-Nil	7	2	Nil	128
M-70 Sharpshooter (26", 7.62mm)	BA	4	2-3-Nil	8	4	Nil	107



With Bipod	BA	4	2-3-Nil	8	2	Nil	139
M-70 Sharpshooter (24", .300 Magnum)	BA	5	2-3-Nil	8	4	Nil	97
With Bipod	BA	5	2-3-Nil	8	2	Nil	126
M-70 Sharpshooter (26", .300 Magnum)	BA	5	1-2-3	8	4	Nil	109
With Bipod	BA	5	1-2-3	8	2	Nil	141
M-70 Custom Sharpshooter II (.22-250)	BA	3	2-Nil	7	2	Nil	82
M-70 Custom Sharpshooter II (7mm STW)	BA	4	1-2-3	8	3	Nil	98
M-70 Custom Sharpshooter II (7.62mm)	BA	4	2-3-Nil	8	3	Nil	103
M-70 Custom Sharpshooter II (.30-06)	BA	4	2-3-Nil	8	4	Nil	92
M-70 Custom Sharpshooter II (.300 Magnum)	BA	5	1-2-3	8	4	Nil	106

M-70 Ultimate Classic

The M-70 Ultimate Classic sort of straddles the line between a standard version and a deluxe version; the woodwork is walnut specially-selected for its grain pattern, and part of the receiver, bolt handle, trigger guard, and magazine floor plate have gold-inlaid engraving. The barrels are also unusual; they are 24 inches, but may be round, heavy fluted, half-octagon, or full octagonal barrels as the buyer wishes. When introduced in 1996, chamberings were restricted to .300 H&H Magnum and .300 Weatherby Magnum, but in 1997, the rest of the chamberings listed were added. Due to denser wood and depending upon the barrel, the Ultimate Classic is heavier to some degree than a Sporter or Magnum of the same chambering.

The M-70 Ultimate Classic Magnum, like the Ultimate Classic above, sort of straddles the line between a standard version and a deluxe version. When introduced in 1996, chamberings were restricted to .300 H&H Magnum and .300 Weatherby Magnum, but in 1997, the rest of the chamberings listed were added. Due to denser wood and depending upon the barrel, the Ultimate Classic is heavier to some degree than a standard Magnum of the same chambering.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Ultimate Classic (Round Barrel)	.25-06 Remington	3.69 kg	5 Internal	\$1282
M-70 Ultimate Classic (Round Barrel)	.270 Winchester	3.82 kg	5 Internal	\$1471
M-70 Ultimate Classic (Round Barrel)	.30-06 Springfield	3.97 kg	5 Internal	\$1723
M-70 Ultimate Classic (Fluted Barrel)	.25-06 Remington	3.7 kg	5 Internal	\$1289
M-70 Ultimate Classic (Fluted Barrel)	.270 Winchester	3.83 kg	5 Internal	\$1478
M-70 Ultimate Classic (Fluted Barrel)	.30-06 Springfield	3.98 kg	5 Internal	\$1730
M-70 Ultimate Classic (Half-Octagon Barrel)	.25-06 Remington	3.7 kg	5 Internal	\$1286
M-70 Ultimate Classic (Half-Octagon Barrel)	.270 Winchester	3.83 kg	5 Internal	\$1475
M-70 Ultimate Classic (Half-Octagon Barrel)	.30-06 Springfield	3.98 kg	5 Internal	\$1727
M-70 Ultimate Classic (Octagonal Barrel)	.25-06 Remington	3.8 kg	5 Internal	\$1289
M-70 Ultimate Classic (Octagonal Barrel)	.270 Winchester	3.93 kg	5 Internal	\$1478
M-70 Ultimate Classic (Octagonal Barrel)	.30-06 Springfield	4.09 kg	5 Internal	\$1730
M-70 Ultimate Classic Magnum (Round Barrel)	.264 Winchester Magnum	3.73 kg	3 Internal	\$1352
M-70 Ultimate Classic Magnum (Round Barrel)	7mm Remington Magnum	3.82 kg	3 Internal	\$1510
M-70 Ultimate Classic Magnum (Round Barrel)	7mm STW	3.92 kg	3 Internal	\$1684
M-70 Ultimate Classic Magnum (Round Barrel)	.300 Winchester Magnum	4.09 kg	3 Internal	\$2288
M-70 Ultimate Classic Magnum (Round Barrel)	.300 Weatherby Magnum	4.14 kg	3 Internal	\$2408
M-70 Ultimate Classic	.300 H&H Magnum	4.15 kg	3 Internal	\$2422

Magnum (Round Barrel)					
M-70 Ultimate Classic	.264 Winchester Magnum	3.74 kg	3 Internal	\$1358	
Magnum (Fluted Barrel)					
M-70 Ultimate Classic	7mm Remington Magnum	3.83 kg	3 Internal	\$1516	
Magnum (Fluted Barrel)					
M-70 Ultimate Classic	7mm STW	3.93 kg	3 Internal	\$1690	
Magnum (Fluted Barrel)					
M-70 Ultimate Classic	.300 Winchester Magnum	4.1 kg	3 Internal	\$2306	
Magnum (Fluted Barrel)					
M-70 Ultimate Classic	.300 Weatherby Magnum	4.15 kg	3 Internal	\$2426	
Magnum (Fluted Barrel)					
M-70 Ultimate Classic	.300 H&H Magnum	4.16 kg	3 Internal	\$2441	
Magnum (Fluted Barrel)					
M-70 Ultimate Classic	.264 Winchester Magnum	3.74 kg	3 Internal	\$1356	
Magnum (Half-Octagon Barrel)					
M-70 Ultimate Classic	7mm Remington Magnum	3.83 kg	3 Internal	\$1513	
Magnum (Half-Octagon Barrel)					
M-70 Ultimate Classic	7mm STW	3.93 kg	3 Internal	\$1688	
Magnum (Half-Octagon Barrel)					
M-70 Ultimate Classic	.300 Winchester Magnum	4.1 kg	3 Internal	\$2299	
Magnum (Half-Octagon Barrel)					
M-70 Ultimate Classic	.300 Weatherby Magnum	4.15 kg	3 Internal	\$2419	
Magnum (Half-Octagon Barrel)					
M-70 Ultimate Classic	.300 H&H Magnum	4.16 kg	3 Internal	\$2433	
Magnum (Half-Octagon Barrel)					

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Ultimate Classic (Round Barrel, .25-06)	BA	4	2-Nil	7	4	Nil	65
M-70 Ultimate Classic (Round Barrel, .270)	BA	4	2-3-Nil	7	4	Nil	69
M-70 Ultimate Classic (Round Barrel, .30-06)	BA	4	2-3-Nil	7	4	Nil	78
M-70 Ultimate Classic (Fluted/Octagonal Barrel, .25-06)	BA	4	2-Nil	7	4	Nil	68
M-70 Ultimate Classic (Fluted/Octagonal Barrel, .270)	BA	4	2-3-Nil	7	4	Nil	72
M-70 Ultimate Classic (Fluted/Octagonal Barrel, .30-06)	BA	4	2-3-Nil	7	4	Nil	81
M-70 Ultimate Classic (Half-Octagon Barrel, .25-06)	BA	4	2-Nil	7	4	Nil	67
M-70 Ultimate Classic (Half-Octagon Barrel, .270)	BA	4	2-3-Nil	7	4	Nil	70
M-70 Ultimate Classic (Half-Octagon Barrel, .30-06)	BA	4	2-3-Nil	7	4	Nil	80
M-70 Ultimate Classic	BA	4	1-2-3	7	4	Nil	79
Magnum (Round Barrel, .264 Magnum)							
M-70 Ultimate Classic Magnum (Round Barrel, 7mm Magnum)	BA	4	1-2-3	7	4	Nil	86
M-70 Ultimate Classic Magnum (Round Barrel, 7mm STW)	BA	4	1-2-3	7	4	Nil	83
M-70 Ultimate Classic Magnum (Round Barrel, .300 Win Magnum)	BA	5	2-3-Nil	7	4	Nil	89

M-70 Ultimate Classic Magnum (Round Barrel, .300 Whby Magnum)	BA	5	1-2-3	7	4	Nil	90
M-70 Ultimate Classic Magnum (Round Barrel, .300 H&H Magnum)	BA	5	1-2-3	7	4	Nil	94
M-70 Ultimate Classic Magnum (Fluted/Octagonal Barrel, .264 Magnum)	BA	4	1-2-3	7	4	Nil	82
M-70 Ultimate Classic Magnum (Fluted/Octagonal Barrel, 7mm Magnum)	BA	4	1-2-3	7	4	Nil	89
M-70 Ultimate Classic Magnum (Fluted/Octagonal Barrel, 7mm STW)	BA	4	1-2-3	7	4	Nil	86
M-70 Ultimate Classic Magnum (Fluted/Octagonal Barrel, .300 Win Magnum)	BA	5	2-3-Nil	7	4	Nil	92
M-70 Ultimate Classic Magnum (Fluted/Octagonal Barrel, .300 Whby Magnum)	BA	5	1-2-3	7	4	Nil	94
M-70 Ultimate Classic Magnum (Fluted/Octagonal Barrel, .300 H&H Magnum)	BA	5	1-2-3	7	4	Nil	98
M-70 Ultimate Classic Magnum (Half-Octagon Barrel, .264 Magnum)	BA	4	1-2-3	7	4	Nil	81
M-70 Ultimate Classic Magnum (Half-Octagon Barrel, 7mm Magnum)	BA	4	1-2-3	7	4	Nil	88
M-70 Ultimate Classic Magnum (Half-Octagon Barrel, 7mm STW)	BA	4	1-2-3	7	4	Nil	84
M-70 Ultimate Classic Magnum (Half-Octagon Barrel, .300 Win Magnum)	BA	5	2-3-Nil	7	4	Nil	91
M-70 Ultimate Classic Magnum (Half-Octagon Barrel, .300 Whby Magnum)	BA	5	1-2-3	7	4	Nil	93
M-70 Ultimate Classic Magnum (Half-Octagon Barrel, .300 H&H Magnum)	BA	5	1-2-3	7	4	Nil	96

M-70 Varmint

The Varmint was one of the first 3<sup>rd</sup>-version-quality M-70s introduced, going all the way back to 1969, with production continuing until 1995. The Varmint was renamed the Varmint XTR in 1978, but the XTR suffix was dropped in 1989. The original stock was virtually identical to the Sporter, but had noticeably less drop at the heel. In 1989, this stock was altered, having a Monte Carlo comb and a cheekpiece. At the same time, the weight was reduced somewhat, despite a larger stock and longer barrel. The receiver was drilled and tapped for scope mounts, but the Varmint came with no iron sights. The barrel was heavy, and had a counterbored muzzle; pre-1989 barrels were 24 inches, while 1989 or later barrels were 26 inches. Original chamberings were .222, .22-250, and .243; 5.56mm was added in 1985, and 7.62mm in 1990. However, the .222 chambering was dropped in 1990.

The M-70 Heavy Varmint, introduced in 1993, uses a composite graphite/fiberglass stock of standard design, a blued action, and a bright stainless steel barrel. The barrel itself is a 26-inch floating heavy barrel, bedded using the Pillar Plus Accu Block system. The Heavy Varmint used the more advanced and reliable push-feed system. Original chamberings were .22-250, 5.56mm, .243, and 7.62mm, but .220 Swift was added in 1994 and .222 Remington in 1997. Though meant to be a super-accurate weapon to shoot small animals (which are difficult targets), some of the larger chamberings make a credible threat towards medium North American game, and even a worthy sniper rifle. Though not included in the price below, the M-70 Heavy Varmint was specifically designed for use with optics, and its iron sights are rudimentary at best.

The Coyote is a varmint rifle meant to still be useful against somewhat larger targets (such as predators like coyotes, hence the name). It is a small-caliber, heavy-barreled variant of the standard M-70 with a 24-inch barrel, and is drilled and tapped for a telescopic sight. Unlike other M-70s, it is a push-feed rifle; this means that individual rounds can be fed into the rifle without having to stuff them into the internal magazine first. This allows for greater flexibility in round use, especially when using handloads and wildcat rounds. (However, many consider the push-feed system is less reliable.) Many shooters also complain about the Coyote's trigger, which they say is factory-set way too heavy (so sources give it at 7 pounds), though a gunsmith can adjust this. The Coyote has a brown laminated stock of lighter wood than the rest of the Varmint rifles.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Varmint (Pre-1989)	.222 Remington	4.31 kg	5 Internal	\$801
M-70 Varmint (Pre-1989)	.22-250 Remington	4.37 kg	5 Internal	\$866
M-70 Varmint (Pre-1989)	5.56mm NATO	4.33 kg	5 Internal	\$819
M-70 Varmint (Pre-1989)	.243 Winchester	4.53 kg	5 Internal	\$1021

M-70 Varmint (1989+)	.22-250 Remington	4.08 kg	5 Internal	\$887
M-70 Varmint (1989+)	5.56mm NATO	4.04 kg	5 Internal	\$840
M-70 Varmint (1989+)	.243 Winchester	4.23 kg	5 Internal	\$1042
M-70 Varmint (1989+)	7.62mm NATO	4.35 kg	5 Internal	\$1472
M-70 Heavy Varmint	.22-250 Remington	4.48 kg	5 Internal	\$890
M-70 Heavy Varmint	5.56mm NATO	4.44 kg	5 Internal	\$844
M-70 Heavy Varmint	.220 Swift	4.56 kg	4 Internal	\$980
M-70 Heavy Varmint	.222 Remington	4.41 kg	5 Internal	\$825
M-70 Heavy Varmint	.243 Winchester	4.59 kg	5 Internal	\$1045
M-70 Heavy Varmint	7.62mm NATO	4.88 kg	5 Internal	\$1475
M-70 Coyote	5.56mm NATO	4 kg	5 Internal	\$817
M-70 Coyote	.22-250 Remington	4.08 kg	5 Internal	\$863
M-70 Coyote	.243 Winchester	4.36 kg	5 Internal	\$1019

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Varmint (Pre-1989, .222)	BA	3	1-Nil	7	2	Nil	81
M-70 Varmint (Pre-1989, .22-250)	BA	3	2-Nil	7	3	Nil	76
M-70 Varmint (Pre-1989, 5.56mm)	BA	3	1-Nil	7	3	Nil	79
M-70 Varmint (Pre-1989, .243)	BA	3	2-Nil	7	3	Nil	78
M-70 Varmint (1989+, .22-250)	BA	3	2-Nil	7	3	Nil	82
M-70 Varmint (1989+, 5.56mm)	BA	3	2-Nil	7	3	Nil	86
M-70 Varmint (1989+, .243)	BA	3	2-Nil	7	4	Nil	86
M-70 Varmint (1989+, 7.62mm)	BA	4	2-3-Nil	8	4	Nil	103
M-70 Heavy Varmint (.22-250)	BA	3	2-Nil	7	2	Nil	84
M-70 Heavy Varmint (5.56mm)	BA	3	2-Nil	7	2	Nil	87
M-70 Heavy Varmint (.220)	BA	3	1-2-Nil	7	3	Nil	93
M-70 Heavy Varmint (.222)	BA	3	1-Nil	7	2	Nil	89
M-70 Heavy Varmint (.243)	BA	3	2-Nil	7	4	Nil	87
M-70 Heavy Varmint (7.62mm)	BA	4	2-3-Nil	8	5	Nil	104
M-70 Coyote (5.56mm)	BA	3	1-Nil	7	3	Nil	78
M-70 Coyote (.22-250)	BA	3	1-Nil	7	3	Nil	75
M-70 Coyote (.243)	BA	3	2-Nil	7	3	Nil	77

M-70 Westerner

Notes: The Westerner, appearing for a short time in 1985 and 1986, was for the most part a retread of the old M-70A design (itself a variant of the basic 2nd-version M-70). The Westerner used a stock design like that of the Sporter, but modified with a Monte Carlo raised stock. The stock had a synthetic plate on the buttpad with a no-slip pattern. The fore-end and pistol grip wrist had checkering, though it was machine checkering on the Westerner instead of the impressed checkering of the M-70A. Aside from the basic action and more modern construction methods, differences between the M-70A included better-quality wood for the furniture, which also had a weatherproof finish and blued weatherproof metalwork. Magazines were smaller-than-normal on standard calibers, but larger than normal in the magnum chambering. The barrel is a plain round 22-inch barrel, with simple iron sights and a rear sight capable of only coarse adjustments, but also drilling and tapping for a scope. The Westerner is sort of a budget M-70, cheaper (in real-life terms) than even the Ranger above.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Westerner	.270 Winchester	3.29 kg	4 Internal	\$1451
M-70 Westerner	7.62mm NATO	3.28 kg	4 Internal	\$1422
M-70 Westerner	.30-06 Springfield	3.4 kg	4 Internal	\$1703
M-70 Westerner	7mm Remington Magnum	3.31 kg	4 Internal	\$1490
M-70 Westerner	.300 Winchester Magnum	3.51 kg	4 Internal	\$2227

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Westerner (.270)	BA	4	2-3-Nil	7	5	Nil	60
M-70 Westerner (7.62mm)	BA	4	2-3-Nil	7	5	Nil	80
M-70 Westerner (.30-06)	BA	4	2-3-Nil	7	5	Nil	68
M-70 Westerner (7mm Magnum)	BA	4	1-2-3	7	5	Nil	75
M-70 Westerner (.300 Win Magnum)	BA	5	2-3-Nil	7	5	Nil	78

M-70 Win-Cam

The M-70 Win-Cam, built from 1986-85, was distinguished from the Sporter primarily by its stock, which was made of hardwood with a special solution to make it more weatherproof and warp-resistant. The stock was also laminated with a green-and-brown camouflage pattern, and the butt had a rubber recoil pad. The stock shape was the same as that of the Sporter. As with almost all M-70s, the Win-Cam was drilled and tapped for scope mounts, with the receiver ring and bridge additionally being drilled and tapped. The Win-Cam has the standard round 24-inch barrel. A variant of this, the Win-Cam Lightweight, had the same sort of stock, though it was finished in matte olive green and the fore-end was a bit shorter. In addition, the Win-Cam Lightweight used a 22-inch barrel instead of the full 24-inch barrel.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Win-Cam	.270 Winchester	3.74 kg	5 Internal	\$1546
M-70 Win-Cam	.30-06 Springfield	3.88 kg	5 Internal	\$1798
M-70 Win-Cam Lightweight	.270 Winchester	3.67 kg	5 Internal	\$1526
M-70 Win-Cam Lightweight	.30-06 Springfield	3.81 kg	5 Internal	\$1778

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Win-Cam (.270)	BA	4	2-3-Nil	7	4	Nil	69
M-70 Win-Cam (.30-06)	BA	4	2-3-Nil	7	4	Nil	78
M-70 Win-Cam Lightweight (.270)	BA	4	2-3-Nil	7	4	Nil	60
M-70 Win-Cam Lightweight (.30-06)	BA	4	2-3-Nil	7	4	Nil	68

M-70 Winlite

The M-70 Winlite (sometimes called the Winlight) is a lightweight version of essentially the same design as the Sporter, but it had a textured black McMillan stock, and a full pistol grip instead of the pistol grip wrist of other M-70 versions. The Winlite had no checkering, but special texturing was present on the fore-end and pistol grip. The fore-end had a Schnabel trip instead of the standard Sporter rounded tip. Magazine capacity was restricted and smaller than standard Sporter magazines. Chamberings upon introduction were restricted to .270 and .30-06, but .280 was added in 1987, and in 1998, magnum versions were added. The Winlite had a barrel of standard weight, but only 22 inches. The Winlite was produced from 1986-90.

In 1986-90, a Winlite counterpart in Magnum chamberings was produced. Like the Winlite above, the Winlite Magnum is a lightweight version of essentially the same design as the Magnum, but it had a textured black McMillan stock, and a full pistol grip instead of the pistol grip wrist of other M-70 versions. The Winlite had no checkering, but special texturing was present on the fore-end and pistol grip. The fore-end had a rounded tip instead of the Winlite's Schnabel tip. Instead of the Winlite's short 22-inch barrel, the Winlite Magnum used a 24-inch barrel, though again it was a standard-profile barrel, which essentially made it a light version of the standard Magnum. Initial chamberings were 7mm Magnum, .300 Winchester Magnum and .338 Magnum; .300 Weatherby Magnum was added in 1988.

The Featherweight Winlite, produced from 1988-92, had a McMillan synthetic stock which was very light in weight; the stock was also specially textured, including further specialized texturing on the pistol grip wrist, butt, and fore-end for a sure grip on the rifle.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Winlite	.270 Winchester	2.95 kg	4 Internal	\$1465
M-70 Winlite	.280 Remington	2.97 kg	4 Internal	\$1524
M-70 Winlite	.30-06 Springfield	3.03 kg	4 Internal	\$1718
M-70 Winlite Magnum	7mm Remington Magnum	2.98 kg	3 Internal	\$1524
M-70 Winlite Magnum	.300 Winchester Magnum	3.16 kg	3 Internal	\$2303
M-70 Winlite Magnum	.300 Weatherby Magnum	3.2 kg	3 Internal	\$2424
M-70 Winlite Magnum	.338 Winchester Magnum	3.23 kg	3 Internal	\$2525
M-70 Featherweight Winlite	.270 Winchester	2.68 kg	4 Internal	\$1465
M-70 Featherweight Winlite	.280 Remington	2.71 kg	4 Internal	\$1524
M-70 Featherweight Winlite	.30-06 Springfield	2.67 kg	4 Internal	\$1718

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Winlite (.270)	BA	4	2-3-Nil	7	5	Nil	60
M-70 Winlite (.280)	BA	4	2-3-Nil	7	5	Nil	62
M-70 Winlite (.30-06)	BA	4	2-3-Nil	7	5	Nil	68
M-70 Winlite Magnum (7mm Magnum)	BA	4	1-2-3	7	5	Nil	86
M-70 Winlite Magnum (.300 Win Magnum)	BA	5	2-3-Nil	7	5	Nil	89



M-70 Winlite Magnum (.300 Whby Magnum)	BA	5	1-2-3	7	5	Nil	90
M-70 Winlite Magnum (.338 Magnum)	BA	6	1-3-Nil	8	6	Nil	103
M-70 Featherweight Winlite (.270)	BA	4	2-3-Nil	7	5	Nil	60
M-70 Featherweight Winlite (.280)	BA	4	2-3-Nil	7	5	Nil	62
M-70 Featherweight Winlite (.30-06)	BA	4	2-3-Nil	7	5	Nil	68

M-70 Win-Tuff

This is not to be confused with the Sporter Win-Tuff above; the Win-Tuff here has more in common with the Winlite than the Sporter Win-Tuff. Produced from 1986-95, the Win-Tuff was a light rifle, using lighter hardwoods in its construction. The Win-Tuff could be easily mistaken for the Winlite at first, but the though the stock of the Win-Tuff is similarly laminated and treated to resist warping, the stock is finished in brown instead of being camouflaged. The short, blued 22-inch barrel had a standard, round profile and the Win-Tuff had simple peep-type and post sights, with the rear peep being adjustable. The Win-Tuff, like other M-70s, is drilled and tapped for a scope mount. Unlike many M-70 designs, the Win-Tuff had no magnum versions designed.

The Win-Tuff Lightweight was essentially a lighter version of the Win-Tuff, made using similar wood to the standard Win-Tuff, though the wood is less dense, and high-strength low-weight steels in its construction. The pattern of the Win-Tuff Lightweight is otherwise virtually identical to standard Win-Tuff. The Win-Tuff Lightweight can be distinguished by the checkering on the fore-end and pistol grip wrist, which other Win-Tuffs do not have. The Win-Tuff Lightweight was built from 1987-95; when first introduced, it was chambered only for .22-250. .22-250 was dropped in 1989, replaced by 5.56mm; in 1988, .243, .270 and .30-06 were added to the rifle, and in 1989, 7.62mm was added.

The Win-Tuff Featherweight was initially built in small numbers from 1988-89, then brought by popular demand from 1992-96. The initial year of its manufacture, it was chambered only for .22-250 and .243; when production began again, the rest of the chamberings were added. Win-Tuff Featherweight uses basically the same pattern as the standard Win-Tuff, with the same 22-inch barrel. The Win-Tuff Featherweight is a very light rifle, almost too light for some of the cartridges it fires, though it is a light load on long hunting trips where one must do a lot of hiking around.

Seemingly to confuse the issue, there was also Win-Tuff Sporter (again, not to be confused with the Sporter Win-Tuff above). The Win-Tuff Sporter was produced from 1992-95, with the same sort of stock as the standard Win-Tuff, including the brown finish. However, the Win-Tuff Sporter had a full 24-inch barrel (standard round profile). The Win-Tuff Sporter had two standard-power chamberings, and four magnum chamberings. It's weight is near that of similar M-70s of the same caliber.

The Win-Tuff Magnum (not to be confused with the Magnum Win-Tuff) is essentially the magnum-firing version of the Win-Tuff Sporter mentioned in the precious paragraph, and shares the same basic design of Win-Tuff Sporter, including the weatherproofed and warp-resistant stock, iron sights with an adjustable peep at the rear, drilling and tapping for a scope. The Win-Tuff Magnum shares the lighter-than average weight of its brother rifles, but does have a greater magazine capacity than other magnum M-70 rifles (though it is not the lightest of the M-70 series firing magnum rounds).

Weapon	Ammunition	Weight	Magazines	Price
M-70 Win-Tuff	5.56mm NATO	2.95 kg	5 Internal	\$780
M-70 Win-Tuff	.243 Winchester	3.07 kg	5 Internal	\$992
M-70 Win-Tuff	.270 Winchester	3.35 kg	5 Internal	\$1451
M-70 Win-Tuff	7.62mm NATO	3.34 kg	5 Internal	\$1422
M-70 Win-Tuff	.30-06 Springfield	3.46 kg	5 Internal	\$1703
M-70 Win-Tuff Lightweight	.22-250 Remington	2.8 kg	5 Internal	\$837
M-70 Win-Tuff Lightweight	5.56mm NATO	2.77 kg	5 Internal	\$780
M-70 Win-Tuff Lightweight	.243 Winchester	2.92 kg	5 Internal	\$992
M-70 Win-Tuff Lightweight	.270 Winchester	3.18 kg	5 Internal	\$1451
M-70 Win-Tuff Lightweight	7.62mm NATO	3.17 kg	5 Internal	\$1422
M-70 Win-Tuff Lightweight	.30-06 Springfield	3.29 kg	5 Internal	\$1703
M-70 Win-Tuff Featherweight	.22-250 Remington	2.67 kg	5 Internal	\$837
M-70 Win-Tuff Featherweight	5.56mm NATO	2.66 kg	5 Internal	\$780
M-70 Win-Tuff Featherweight	.243 Winchester	2.76 kg	5 Internal	\$992
M-70 Win-Tuff Featherweight	.270 Winchester	3.02 kg	5 Internal	\$1451
M-70 Win-Tuff Featherweight	7.62mm NATO	3.01 kg	5 Internal	\$1422
M-70 Win-Tuff Featherweight	.30-06 Springfield	3.11 kg	5 Internal	\$1703
M-70 Win-Tuff Sporter	.270 Winchester	3.45 kg	5 Internal	\$1471
M-70 Win-Tuff Sporter	.30-06 Springfield	3.6 kg	5 Internal	\$1723
M-70 Win-Tuff Magnum	7mm Remington Magnum	3.5 kg	4 Internal	\$1510
M-70 Win-Tuff Magnum	.300 Winchester Magnum	3.71 kg	4 Internal	\$2288
M-70 Win-Tuff Magnum	.300 Weatherby Magnum	3.76 kg	4 Internal	\$2408
M-70 Win-Tuff Magnum	.338 Winchester Magnum	3.8 kg	4 Internal	\$2509

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
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M-70 Win-Tuff/Lightweight/Featherweight (5.56mm)	BA	3	1-Nil	6	3	Nil	70
M-70 Win-Tuff/Lightweight (.243)	BA	3	2-Nil	6	3	Nil	65
M-70 Win-Tuff/Lightweight/Featherweight (.270)	BA	4	2-3-Nil	7	5	Nil	60
M-70 Win-Tuff/Lightweight/Featherweight (7.62mm)	BA	4	2-3-Nil	7	5	Nil	79
M-70 Win-Tuff/Lightweight/Featherweight (.30-06)	BA	4	2-3-Nil	7	5	Nil	68
M-70 Win-Tuff Lightweight/Featherweight (.22-250)	BA	3	1-Nil	6	3	Nil	65
M-70 Win-Tuff Featherweight (.243)	BA	3	2-Nil	6	4	Nil	65
M-70 Win-Tuff Sporter (.270)	BA	4	2-3-Nil	7	4	Nil	69
M-70 Win-Tuff Sporter (.30-06)	BA	4	2-3-Nil	7	5	Nil	78
M-70 Win-Tuff Magnum (7mm Magnum)	BA	4	1-2-3	7	5	Nil	86
M-70 Win-Tuff Magnum (.300 Win Magnum)	BA	5	2-3-Nil	7	5	Nil	89
M-70 Win-Tuff Magnum (.300 Whby Magnum)	BA	5	1-2-3	7	5	Nil	90
M-70 Win-Tuff Magnum (.338 Magnum)	BA	6	1-3-Nil	8	6	Nil	103

M-70XTR

Notes: This is not to be confused with the “XTR” appellation that M-70 Sporters received before 1989. This version of the M-70 uses several barrel lengths (including some longer barrels and heavier construction. This not only allows for more accuracy, but also allows for the use of more powerful ammunition. On the average, XTRs are more solidly-built, though many shooters are not enamored of the push-feed system the action uses. The versions chambered for .30-06 JDJ, .300 H&H Magnum, and .475 A&M Magnum are extremely rare; most of them were built as a special order for specific people. Stocks are of specially-treated non-warp walnut which is also weatherproofed, and the metalwork also has a non-rust and weatherproof coating under the bluing. Barrels are typically of medium profile, floating, and target-crowned or counterbored. Barrels were available in 22, 24, or 26-inch versions; however, 26-inch barrels were generally only found on magnum-firing versions, and the 22-inch barrel was not found on magnum-firing versions. Magnum-firing versions could be had with a ventilated rubber recoil pad on the butt, though this was an option and not standard (though accounted for in the charts below). The recoil pads often have no game effect on recoil and often not given extra lines on the firing tables below. Though designed primarily for scopes and optic mounts, the XTR did have creditable iron sights, the rear of which was adjustable, and the front a hooded post.

A Featherweight version of the XTR was also built; this typically substituted the wooden stock for a synthetic stock, which was usually black in color but could also be found in green or brown. Featherweights were not found in greater caliber than .300 Weatherby Magnum.

Twilight 2000 Notes: Rumors persist of US snipers, particularly in the Continental US, using the 7.62mm, .30-06, and .300+ Magnum versions of the M-70XTR (though use of the .458 Winchester Magnum and .475 A&M Magnum was decidedly rare).

Weapon	Ammunition	Weight	Magazines	Price
M-70XTR (22” Barrel)	.22-250 Remington	3.4 kg	5 Internal	\$834
M-70XTR (24” Barrel)	.22-250 Remington	3.47 kg	5 Internal	\$869
M-70XTR (26” Barrel)	.22-250 Remington	3.51 kg	5 Internal	\$888
M-70XTR (22” Barrel)	5.56mm NATO	3.36 kg	5 Internal	\$787
M-70XTR (24” Barrel)	5.56mm NATO	3.43 kg	5 Internal	\$820
M-70XTR (26” Barrel)	5.56mm NATO	3.47 kg	5 Internal	\$842
M-70XTR (22” Barrel)	.243 Winchester	3.52 kg	5 Internal	\$989
M-70XTR (24” Barrel)	.243 Winchester	3.59 kg	5 Internal	\$1022
M-70XTR (26” Barrel)	.243 Winchester	3.63 kg	5 Internal	\$1043
M-70XTR (22” Barrel)	.270 Winchester	3.84 kg	5 Internal	\$1448
M-70XTR (24” Barrel)	.270 Winchester	3.92 kg	5 Internal	\$1481
M-70XTR (26” Barrel)	.270 Winchester	3.96 kg	5 Internal	\$1502
M-70XTR (22” Barrel)	7.62mm NATO	3.82 kg	5 Internal	\$1419
M-70XTR (24” Barrel)	7.62mm NATO	3.9 kg	5 Internal	\$1452
M-70XTR (26” Barrel)	7.62mm NATO	3.94 kg	5 Internal	\$1473
M-70XTR (22” Barrel)	.30-06 Springfield	3.98 kg	5 Internal	\$1700
M-70XTR (24” Barrel)	.30-06 Springfield	4.06 kg	5 Internal	\$1733

<b>M-70XTR (26" Barrel)</b>	.30-06 Springfield	4.1 kg	5 Internal	\$1754
<b>M-70XTR (22" Barrel)</b>	.30-06 JDJ	3.97 kg	5 Internal	\$1680
<b>M-70XTR (24" Barrel)</b>	.30-06 JDJ	4.05 kg	5 Internal	\$1713
<b>M-70XTR (26" Barrel)</b>	.30-06 JDJ	4.09 kg	5 Internal	\$1734
<b>M-70XTR (24" Barrel)</b>	.264 Winchester Magnum	3.82 kg	3 Internal	\$1362
<b>M-70XTR (26" Barrel)</b>	.264 Winchester Magnum	3.86 kg	3 Internal	\$1383
<b>M-70XTR (24" Barrel, w/Recoil Pad)</b>	.264 Winchester Magnum	4.02 kg	3 Internal	\$1437
<b>M-70XTR (26" Barrel, w/Recoil Pad)</b>	.264 Winchester Magnum	4.06 kg	3 Internal	\$1458
<b>M-70XTR (24" Barrel)</b>	7mm Remington Magnum	3.91 kg	3 Internal	\$1520
<b>M-70XTR (26" Barrel)</b>	7mm Remington Magnum	3.95 kg	3 Internal	\$1541
<b>M-70XTR (24" Barrel, w/Recoil Pad)</b>	7mm Remington Magnum	4.11 kg	3 Internal	\$1595
<b>M-70XTR (26" Barrel, w/Recoil Pad)</b>	7mm Remington Magnum	4.15 kg	3 Internal	\$1616
<b>M-70XTR (24" Barrel)</b>	.300 Winchester Magnum	4.15 kg	3 Internal	\$2317
<b>M-70XTR (26" Barrel)</b>	.300 Winchester Magnum	4.19 kg	3 Internal	\$2380
<b>M-70XTR (24" Barrel, w/Recoil Pad)</b>	.300 Winchester Magnum	4.35 kg	3 Internal	\$2392
<b>M-70XTR (26" Barrel, w/Recoil Pad)</b>	.300 Winchester Magnum	4.39 kg	3 Internal	\$2455
<b>M-70XTR (24" Barrel)</b>	.300 Weatherby Magnum	4.2 kg	3 Internal	\$2437
<b>M-70XTR (26" Barrel)</b>	.300 Weatherby Magnum	4.24 kg	3 Internal	\$2501
<b>M-70XTR (24" Barrel, w/Recoil Pad)</b>	.300 Weatherby Magnum	4.4 kg	3 Internal	\$2512
<b>M-70XTR (26" Barrel, w/Recoil Pad)</b>	.300 Weatherby Magnum	4.44 kg	3 Internal	\$2576
<b>M-70XTR (24" Barrel)</b>	.300 H&H Magnum	4.21 kg	3 Internal	\$2452
<b>M-70XTR (26" Barrel)</b>	.300 H&H Magnum	4.25 kg	3 Internal	\$2515
<b>M-70XTR (24" Barrel, w/Recoil Pad)</b>	.300 H&H Magnum	4.41 kg	3 Internal	\$2651
<b>M-70XTR (26" Barrel, w/Recoil Pad)</b>	.300 H&H Magnum	4.45 kg	3 Internal	\$2590
<b>M-70XTR (24" Barrel)</b>	.338 Winchester Magnum	4.25 kg	3 Internal	\$2538
<b>M-70XTR (26" Barrel)</b>	.338 Winchester Magnum	4.29 kg	3 Internal	\$2602
<b>M-70XTR (24" Barrel, w/Recoil Pad)</b>	.338 Winchester Magnum	4.45 kg	3 Internal	\$2613
<b>M-70XTR (26" Barrel, w/Recoil Pad)</b>	.338 Winchester Magnum	4.49 kg	3 Internal	\$2677
<b>M-70XTR (24" Barrel)</b>	.375 H&H Magnum	4.56 kg	3 Internal	\$3262
<b>M-70XTR (26" Barrel)</b>	.375 H&H Magnum	4.6 kg	3 Internal	\$3325
<b>M-70XTR (24" Barrel, w/Recoil Pad)</b>	.375 H&H Magnum	4.76 kg	3 Internal	\$3337
<b>M-70XTR (26" Barrel, w/Recoil Pad)</b>	.375 H&H Magnum	4.8 kg	3 Internal	\$3400
<b>M-70XTR (24" Barrel)</b>	.458 Winchester Magnum	4.83 kg	3 Internal	\$4022
<b>M-70XTR (26" Barrel)</b>	.458 Winchester Magnum	4.87 kg	3 Internal	\$4085
<b>M-70XTR (24" Barrel, w/Recoil Pad)</b>	.458 Winchester Magnum	5.03 kg	3 Internal	\$4097
<b>M-70XTR (26" Barrel, w/Recoil Pad)</b>	.458 Winchester Magnum	5.07 kg	3 Internal	\$4160
<b>M-70XTR (24" Barrel)</b>	.475 A&M Magnum	5.07 kg	3 Internal	\$4830
<b>M-70XTR (26" Barrel)</b>	.475 A&M Magnum	5.12 kg	3 Internal	\$4894
<b>M-70XTR (24" Barrel, w/Recoil Pad)</b>	.475 A&M Magnum	5.27 kg	3 Internal	\$4905
<b>M-70XTR (26" Barrel, w/Recoil Pad)</b>	.475 A&M Magnum	5.32 kg	3 Internal	\$4969
<b>M-70XTR Featherweight (22" Barrel)</b>	.22-250 Remington	3.11 kg	5 Internal	\$846

M-70XTR Featherweight (24" Barrel)	.22-250 Remington	3.16 kg	5 Internal	\$879
M-70XTR Featherweight (26" Barrel)	.22-250 Remington	3.19 kg	5 Internal	\$900
M-70XTR Featherweight (22" Barrel)	5.56mm NATO	3.06 kg	5 Internal	\$799
M-70XTR Featherweight (24" Barrel)	5.56mm NATO	3.12 kg	5 Internal	\$832
M-70XTR Featherweight (26" Barrel)	5.56mm NATO	3.16 kg	5 Internal	\$853
M-70XTR Featherweight (22" Barrel)	.243 Winchester	3.2 kg	5 Internal	\$1002
M-70XTR Featherweight (24" Barrel)	.243 Winchester	3.27 kg	5 Internal	\$1035
M-70XTR Featherweight (26" Barrel)	.243 Winchester	3.3 kg	5 Internal	\$1056
M-70XTR Featherweight (22" Barrel)	.270 Winchester	3.49 kg	5 Internal	\$1462
M-70XTR Featherweight (24" Barrel)	.270 Winchester	3.57 kg	5 Internal	\$1495
M-70XTR Featherweight (26" Barrel)	.270 Winchester	3.6 kg	5 Internal	\$1516
M-70XTR Featherweight (22" Barrel)	7.62mm NATO	3.48 kg	5 Internal	\$1433
M-70XTR Featherweight (24" Barrel)	7.62mm NATO	3.55 kg	5 Internal	\$1466
M-70XTR Featherweight (26" Barrel)	7.62mm NATO	3.59 kg	5 Internal	\$1488
M-70XTR Featherweight (22" Barrel)	.30-06 Springfield	3.62 kg	5 Internal	\$1715
M-70XTR Featherweight (24" Barrel)	.30-06 Springfield	3.69 kg	5 Internal	\$1748
M-70XTR Featherweight (26" Barrel)	.30-06 Springfield	3.73 kg	5 Internal	\$1769
M-70XTR Featherweight (24" Barrel)	.264 Winchester Magnum	3.48 kg	3 Internal	\$1375
M-70XTR Featherweight (26" Barrel)	.264 Winchester Magnum	3.51 kg	3 Internal	\$1397
M-70XTR Featherweight (24" Barrel, w/Recoil Pad)	.264 Winchester Magnum	3.68 kg	3 Internal	\$1450
M-70XTR Featherweight (26" Barrel, w/Recoil Pad)	.264 Winchester Magnum	3.71 kg	3 Internal	\$1472
M-70XTR Featherweight (24" Barrel)	7mm Remington Magnum	3.56 kg	3 Internal	\$1534
M-70XTR Featherweight (26" Barrel)	7mm Remington Magnum	3.59 kg	3 Internal	\$1455
M-70XTR Featherweight (24" Barrel, w/Recoil Pad)	7mm Remington Magnum	3.76 kg	3 Internal	\$1609
M-70XTR Featherweight (26" Barrel, w/Recoil Pad)	7mm Remington Magnum	3.79 kg	3 Internal	\$1630
M-70XTR Featherweight (24" Barrel)	.300 Winchester Magnum	3.78 kg	3 Internal	\$2332
M-70XTR Featherweight (26" Barrel)	.300 Winchester Magnum	3.81 kg	3 Internal	\$2394
M-70XTR Featherweight (24" Barrel, w/Recoil Pad)	.300 Winchester Magnum	3.98 kg	3 Internal	\$2407
M-70XTR Featherweight (26" Barrel, w/Recoil Pad)	.300 Winchester Magnum	4.01 kg	3 Internal	\$2649
M-70XTR Featherweight (24" Barrel)	.300 Weatherby Magnum	3.82 kg	3 Internal	\$2453

M-70XTR Featherweight (26" Barrel)	.300 Weatherby Magnum	3.86 kg	3 Internal	\$2516
M-70XTR Featherweight (24" Barrel, w/Recoil Pad)	.300 Weatherby Magnum	4.02 kg	3 Internal	
M-70XTR Featherweight (26" Barrel, w/Recoil Pad)	.300 Weatherby Magnum	4.06 kg	3 Internal	\$2591

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70XTR/Featherweight (.22-250, 22")	BA	3	1-Nil	6	3	Nil	63
M-70XTR/Featherweight (.22-250, 24")	BA	3	2-Nil	7	3	Nil	77
M-70XTR/Featherweight (.22-250, 26")	BA	3	2-Nil	7	3	Nil	83
M-70XTR/Featherweight (5.56mm, 22")	BA	3	1-Nil	6	3	Nil	68
M-70XTR/Featherweight (5.56mm, 24")	BA	3	1-Nil	7	3	Nil	80
M-70XTR/Featherweight (5.56mm, 26")	BA	3	2-Nil	7	3	Nil	87
M-70XTR/Featherweight (.243, 22")	BA	3	2-Nil	6	3	Nil	64
M-70XTR/Featherweight (.243, 24")	BA	3	2-Nil	7	3	Nil	79
M-70XTR/Featherweight (.243, 26")	BA	3	2-Nil	7	4	Nil	87
M-70XTR/Featherweight (.270, 22")	BA	4	2-3-Nil	7	4	Nil	59
M-70XTR/Featherweight (.270, 24")	BA	4	2-3-Nil	7	4	Nil	73
M-70XTR/Featherweight (.270, 26")	BA	4	2-3-Nil	8	4	Nil	82
M-70XTR (7.62mm, 22")	BA	4	2-3-Nil	7	4	Nil	77
M-70XTR (7.62mm, 24")	BA	4	2-3-Nil	7	4	Nil	95
M-70XTR (7.62mm, 26")	BA	4	2-3-Nil	8	4	Nil	103
M-70XTR (.30-06, 22")	BA	4	2-3-Nil	7	4	Nil	67
M-70XTR (.30-06, 24")	BA	4	2-3-Nil	7	4	Nil	83
M-70XTR (.30-06, 26")	BA	4	2-3-Nil	8	4	Nil	93
M-70XTR (.30-06 JDJ, 22")	BA	4	2-3-Nil	7	4	Nil	68
M-70XTR (.30-06 JDJ, 24")	BA	4	2-3-Nil	7	4	Nil	84
M-70XTR (.30-06 JDJ, 26")	BA	4	2-3-Nil	8	4	Nil	94
M-70XTR/Featherweight (.264 Magnum, 24")	BA	4	1-2-3	7	4	Nil	84
M-70XTR/Featherweight (.264 Magnum, 26")	BA	4	1-2-3	8	4	Nil	95
M-70XTR/Featherweight (.264 Magnum, 24", w/Pad)	BA	4	1-2-3	7	3	Nil	84
M-70XTR (.264 Magnum, 26", w/Pad)	BA	4	1-2-3	8	3	Nil	95
M-70XTR/Featherweight (7mm Magnum, 24" w/ or w/o Pad)	BA	4	1-2-3	7	4	Nil	91
M-70XTR/Featherweight (7mm Magnum, 26"w/ or w/o Pad)	BA	4	1-2-3	8	4	Nil	103
M-70XTR (.300 Win Magnum, 24", w/ or w/o Pad)	BA	5	2-3-Nil	8	4	Nil	94
M-70XTR (.300 Win Magnum, 26" w/or w/o Pad)	BA	5	1-2-3	8	4	Nil	106
M-70XTR (.300 Whby Magnum, 24", w/ or w/o Pad)	BA	5	1-2-3	8	4	Nil	96
M-70XTR (.300 Whby Magnum, 26" w/ or w/o Pad)	BA	5	1-2-3	8	4	Nil	108
M-70XTR (.300 H&H Magnum, 24", w/ or w/o Pad)	BA	5	1-2-3	8	4	Nil	100
M-70XTR (.300 H&H Magnum, 26" w/ or w/o Pad)	BA	5	1-2-3	8	4	Nil	113
M-70XTR (.338 Magnum, 24", w/ or w/o Pad)	BA	6	1-3-Nil	8	5	Nil	109
M-70XTR (.338 Magnum, 26")	BA	6	1-3-Nil	8	6	Nil	122
M-70XTR (.338 Magnum, 26", w/Pad)	BA	6	1-3-Nil	8	5	Nil	122
M-70XTR (.375 Magnum, 24")	BA	7	1-3-5	8	6	Nil	116

M-70XTR (.375 Magnum, 26")	BA	7	1-3-5	8	6	Nil	131
M-70XTR (.375 Magnum, 24", w/Pad)	BA	7	1-3-5	8	5	Nil	116
M-70XTR (.375 Magnum, 26", w/Pad)	BA	7	1-3-5	8	5	Nil	131
M-70XTR (.458 Magnum, 24")	BA	8	1-3-5	9	6	Nil	115
M-70XTR (.458 Magnum, 26")	BA	8	1-2-3	9	7	Nil	129
M-70XTR (.458 Magnum, 24", w/Pad)	BA	8	1-3-5	9	5	Nil	115
M-70XTR (.458 Magnum, 26", w/Pad)	BA	8	1-2-3	9	6	Nil	129
M-70XTR (.475 Magnum, 24")	BA	8	1-2-3	9	7	Nil	132
M-70XTR (.475 Magnum, 26")	BA	8	1-2-3	9	7	Nil	149
M-70XTR (.475 Magnum, 24", w/Pad)	BA	8	1-2-3	9	6	Nil	132
M-70XTR (.475 Magnum, 26", w/Pad)	BA	8	1-2-3	9	6	Nil	149
M-70XTR Featherweight (7.62mm, 22")	BA	4	2-3-Nil	7	5	Nil	77
M-70XTR Featherweight (7.62mm, 24")	BA	4	2-3-Nil	7	5	Nil	95
M-70XTR Featherweight (7.62mm, 26")	BA	4	2-3-Nil	7	5	Nil	103
M-70XTR Featherweight (.30-06, 22")	BA	4	2-3-Nil	7	5	Nil	67
M-70XTR Featherweight (.30-06, 24")	BA	4	2-3-Nil	7	5	Nil	83
M-70XTR Featherweight (.30-06, 26")	BA	4	2-3-Nil	7	5	Nil	93
M-70XTR Featherweight (.264 Magnum, 26", w/Pad)	BA	4	1-2-3	8	4	Nil	95
M-70 XTR Featherweight (.300 Win Magnum, 24")	BA	5	2-3-Nil	8	5	Nil	94
M-70 XTR Featherweight (.300 Win Magnum, 26")	BA	5	1-2-3	8	5	Nil	106
M-70 XTR Featherweight (.300 Win Magnum, 24", w/Pad)	BA	5	2-3-Nil	8	4	Nil	94
M-70 XTR Featherweight (.300 Win Magnum, 26", w/Pad)	BA	5	1-2-3	8	4	Nil	106
M-70 XTR Featherweight (.300 Whby Magnum, 24")	BA	5	1-2-3	8	5	Nil	96
M-70XTR Featherweight (.300 Whby Magnum, 26")	BA	5	1-2-3	8	5	Nil	108
M-70XTR Featherweight (.300 Whby Magnum, 24", w/Pad)	BA	5	1-2-3	8	4	Nil	96
M-70XTR Featherweight (.300 Whby Magnum, 26", w/Pad)	BA	5	1-2-3	8	4	Nil	108

Winchester M-70 (4<sup>th</sup> Version)

Notes: In 2006, USRAC and Winchester rather suddenly announced that they were closing their doors and that all designs and patents, including the rights to use the Winchester name, were being sold to FNH of Belgium. The fate of Winchester's products hung in the air for a couple of months; then FNH announced that some of Winchester's line were going to be continued, though they would be built in Belgium. Initially, FNH did not intend to continue building the M-70, but this was met with a storm of protest from Winchester's fans and customers. Thus, FNH decided to build the M-70 in several flavors, though not in the plethora of versions that the 3<sup>rd</sup>-Version came in. For the most part, the base design, the Sporter, was virtually identical to the 3<sup>rd</sup>-Version rifle, though some production methods were changed to FNH-type production methods and there were some other changes, such as the MOA Trigger System (adjustable for pull weight by the shooter, having zero takeup, creep, and overtravel, and widened and having a 2:1 mechanical advantage), and the pre-64-pattern three-position safety (fire, safe, and safe with bolt movement). Most 4<sup>th</sup>-version M-70s also have a hinged floorplate under their magazines, though they load from the top.

Since 2008, The M-70 and most other Winchester rifles were being built in FNH's facilities in the US, instead of being built in Belgium.

Twilight 2000 Notes: In the Twilight 2000 timeline, the FNH buyout of USRAC and Winchester never took place; instead, USRAC's doors remained open, and in some cases, M-70 versions of the 3<sup>rd</sup> Version were bought by the US Military and issued as surrogate sniper rifles. The M-70 Coyote, without the Short Magnum and Super Short Magnum chamberings and without the Coyote Outback version, were also produced by USRAC and Winchester.

M-70 Sporter

The new Sporter uses a stock of satin-finish Grade I walnut, a step up in grade from the walnut used on previous M-70s. The fore-end and pistol grip wrist have machine-cut checkering, and the top of the new Sporter's stock has a slightly higher profile with a specially-shaped cheekpiece designed to allow the shooter a better sight into a scope. The butt has a Pachmayr Decelerator recoil



pad. Most of the externally-visible metalwork is blued, though the bolt is finished in matte stainless. The new Sporter uses an MOA Trigger System that is adjustable by the shooter (to an extent). Barrels are 24 inches, except on the 7mm Remington Magnum, .300 Winchester Magnum, and .338 Winchester Magnum chamberings, which have 26-inch barrels. Barrels are of standard profile, but are cold-hammer forged and have a target crown. The M-70 Sporter has no iron sights, but the drilling and tapping allows for virtually any scope or optic mount to be used, including Weaver and MIL-STD-1913 rails.

The Sporter III is sort of a deluxe version of the Sporter, with a stock made of Grade III select walnut, again satin-finished. The stock has a specially-sculpted cheekpiece on the side of the stock – which side depends upon the shooter, as the Sporter III comes in left- and right-handed versions. Again, the butt has a Pachmayr Decelerator recoil pad. There are no iron sights, and drilling and tapping is the same as on the standard Sporter. Barrels are of the same construction, and finish on the external metalwork is the same as on the standard Sporter. The barrels are 24 inches, except for the .300 Winchester Magnum and .338 Winchester Magnum versions, which have 26-inch barrels. The new .264 magnum version also has a 26-inch barrel.

A Compact version of the Sporter is also made; the primary differences are that the Compact has a barrel of merely 20 inches, the stock has a shorter length of pull, and the butt does not have the Pachmayr Decelerator recoil pad found on almost 4<sup>th</sup>-version M-70s. The stock profile is also shallower, again to suit smaller shooters. The Compact comes in only two chamberings. The Compact was designed with older children and younger teenagers in mind, but many smaller-statured women also find the Compact good to shoot. The Classic Compact is a similar rifle, but with a somewhat different stock shape, and with an action using the Controlled Round Feed system with a claw extractor.

The Model 70 75<sup>th</sup> Anniversary starts with a Super Grade Model 70. It is almost a new rifle unto itself, using the pre-1964 action instead of a latter-day action. All surfaces are polished or (in the case of the stock) given a weatherproof finish also given a high polish. Even the bluing of the barrel and external metalwork are done with a high polish. The stock has a Shadowline Cheekpiece that allows a natural line with a mounted scope for most shooters. The bottom opening for the magazine is engraved, as is the pistol grip wrist. The tip of the fore-end is done in high-quality ebony. The 75<sup>th</sup> Anniversary has an MOA Adjustable Trigger; in addition, it is factory tuned to have no takeup, no creep, and no overtravel. The action is of forged steel, and the weapon has a 3-position safety. An Integral Recoil lug ensures the barrel is properly aligned with the chamber, and a Blade-type Ejector enhances spent round ejection. The 75<sup>th</sup> Anniversary has Controlled Feed with a Claw Extractor, ensuring positive magazine feed. The 24-inch barrel is cold-hammer forged and free-floating. A Pachmayr Decelerator recoil pad tops off the features. No iron sights are provided, but the shooter buying the rifle is required to provide his own scope. Only one chambering is available, and it is considered a limited edition.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Sporter	.25-06 Remington	3.29 kg	5 Internal	\$1362
M-70 Sporter	.264 Winchester Magnum	3.36 kg	3 Internal	\$1448
M-70 Sporter	.270 Winchester	3.38 kg	5 Internal	\$1551
M-70 Sporter	.270 Winchester Short Magnum	3.28 kg	3 Internal	\$1342
M-70 Sporter	7mm Remington Magnum	3.42 kg	3 Internal	\$1610
M-70 Sporter	.300 Winchester Short Magnum	3.41 kg	3 Internal	\$1596
M-70 Sporter	.30-06 Springfield	3.5 kg	5 Internal	\$1803
M-70 Sporter	.300 Winchester Magnum	3.63 kg	3 Internal	\$2439
M-70 Sporter	.325 Winchester Short Magnum	3.47 kg	3 Internal	\$1697
M-70 Sporter	.338 Winchester Magnum	3.75 kg	3 Internal	\$2661
M-70 Sporter III	.25-06 Remington	3.4 kg	5 Internal	\$1362
M-70 Sporter III	.270 Winchester	3.48 kg	5 Internal	\$1551
M-70 Sporter III	.270 Winchester Short Magnum	3.38 kg	3 Internal	\$1342
M-70 Sporter III	7mm Winchester Short Magnum	3.41 kg	3 Internal	\$1390
M-70 Sporter III	.300 Winchester Short Magnum	3.51 kg	3 Internal	\$1596
M-70 Sporter III	.30-06 Springfield	3.61 kg	5 Internal	\$1803
M-70 Sporter III	.300 Winchester Magnum	3.74 kg	3 Internal	\$2439
M-70 Sporter III	.325 Winchester Short Magnum	3.57 kg	3 Internal	\$1697
M-70 Sporter III	.338 Winchester Magnum	3.86 kg	3 Internal	\$2661
M-70 Compact	.243 Winchester	2.72 kg	5 Internal	\$976
M-70 Compact	7mm-08 Remington	2.87 kg	5 Internal	\$1244
M-70 75 <sup>th</sup> Anniversary	.30-06 Springfield	3.74 kg	5 Internal	\$1393

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Sporter/Sporter III (.25-06)	BA	4	2-3-Nil	7	4	Nil	67
M-70 Sporter (.264 Magnum)	BA	4	1-2-3	7	4	Nil	89
M-70 Sporter/Sporter III (.270)	BA	4	2-3-Nil	7	4	Nil	71
M-70 Sporter/Sporter III (.270 WSM)	BA	4	1-2-3	7	4	Nil	102
M-70 Sporter (7mm Magnum)	BA	4	1-2-3	8	4	Nil	100

M-70 Sporter/Sporter III (.300 WSM)	BA	5	1-2-3	8	4	Nil	124
M-70 Sporter/Sporter III (.30-06)	BA	4	2-3-Nil	7	4	Nil	80
M-70 Sporter/Sporter III (.300 Win Magnum)	BA	5	1-2-3	8	4	Nil	103
M-70 Sporter/Sporter III (.325 WSM)	BA	5	1-2-3	7	4	Nil	111
M-70 Sporter/Sporter III (.338 Magnum)	BA	6	1-3-Nil	8	5	Nil	119
M-70 Sporter III (7mm WSM)	BA	4	1-2-3	7	4	Nil	105
M-70 Compact (.243)	BA	3	2-Nil	6	4	Nil	59
M-70 Compact (7mm-08)	BA	4	2-3-Nil	6	5	Nil	69
M-70 75 <sup>th</sup> Anniversary	BA	4	2-3-Nil	7	4	Nil	88

M-70 Classic Custom SA

The Classic Custom SA (Short Action) is, as the name suggests, chambered for a variety of short-action cartridges. The Classic Custom SA is a limited-production rifle, built primarily in Winchester's Custom Shop. The stock is made of semi-fancy American walnut chosen for its grain with a shadowline cheekpiece and with a satin polyurethane finish for weatherproofing. The sling swivels under the fore-end and stock allow the sling swivels to fold flush with the wood. The Classic Custom SA uses the pre-64-type Controlled Round feed, and the 24-inch barrel is match-quality. Parts are machine-made, but hand-fitted. The usual drilling and tapping is found on the receiver and the barrel. Unusually, the Classic Custom SA does not have a recoil pad at its butt.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Classic Custom SA	.257 Roberts	3.4 kg	5 Internal	\$1182
M-70 Classic Custom SA	.260 Remington	3.51 kg	5 Internal	\$1350
M-70 Classic Custom SA	7mm-08 Remington	3.48 kg	5 Internal	\$1287
M-70 Classic Custom SA	7.62mm NATO	3.57 kg	5 Internal	\$1449
M-70 Classic Custom SA	.358 Winchester	3.87 kg	5 Internal	\$2362
M-70 Classic Custom SA	.270 Winchester Short Magnum	3.55 kg	3 Internal	\$1268
M-70 Classic Custom SA	7mm Winchester Short Magnum	3.58 kg	3 Internal	\$1317
M-70 Classic Custom SA	.300 Winchester Short Magnum	3.71 kg	3 Internal	\$1501
M-70 Classic Custom SA	.325 Winchester Short Magnum	3.77 kg	3 Internal	\$1624
M-70 Classic Custom SA	.450 Marlin	4.52 kg	3 Internal	\$3480

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Classic Custom SA (.257)	BA	4	2-Nil	7	4	Nil	75
M-70 Classic Custom SA (.260)	BA	4	2-3-Nil	7	4	Nil	69
M-70 Classic Custom SA (7mm-08)	BA	4	2-3-Nil	7	4	Nil	90
M-70 Classic Custom SA (7.62mm)	BA	4	2-3-Nil	7	5	Nil	93
M-70 Classic Custom SA (.358)	BA	5	2-4-Nil	8	6	Nil	111
M-70 Classic Custom SA (.270 WSM)	BA	4	1-2-3	7	4	Nil	103
M-70 Classic Custom SA (7mm WSM)	BA	4	1-2-3	7	4	Nil	106
M-70 Classic Custom SA (.300 WSM)	BA	5	1-2-3	7	4	Nil	112
M-70 Classic Custom SA (.325 WSM)	BA	5	1-2-3	7	5	Nil	112
M-70 Classic Custom SA (.450 Marlin)	BA	7	1-3-5	8	6	Nil	112

M-70 Alaskan

Notes: New for 2012, the fourth edition M-70 Alaskan is chambered in long-action and mostly magnum calibers. The walnut stock has a Monte Carlo design, with a raised stock and raised cheekpiece, making the eyeline with the scope and the recoil force line almost straight. For the most part the metalwork is steel, though some small parts, such as the magazine trapdoor and trigger and trigger guard, are light alloy. All metalwork is deeply polished, even though most of the external metalwork is blued. The forged steel receiver carries the pre-1964-style bolt group, with the recoil lug being bedded at the front and the rear. The 25-inch barrel is cold-forged and floating, with a target crown at the tip. The iron sights are in the scout position, with the rear folding. The MOA trigger system is used, as well as a Pachmayr Decelerator recoil pad and the Controlled Round Push Feed System.

The Alaskan Stainless Laminate basically the same rifle as the Alaskan above, but the metalwork is done in stainless steel. The woodwork is made from gray hardwood finished in weatherproof polyurethane laminate. Parts that are light alloy on the Alaskan are made from stainless steel on the Alaskan Stainless Laminate. In addition, the bolt body is jeweled, the bolt handle knurled, and the rifle comes with sling swivels standard. Other than appearances and weatherproofing, the primary difference between the two versions is that the Alaskan Stainless Laminate is a bit heavier than the base Alaskan.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Alaskan	.30-06 Springfield	3.86 kg	5 Internal	\$1817
M-70 Alaskan	.300 Winchester Magnum	4.11 kg	5 Internal	\$2420

<b>M-70 Alaskan</b>	<b>.338 Winchester Magnum</b>	<b>4.29 kg</b>	<b>5 Internal</b>	<b>\$2641</b>
<b>M-70 Alaskan</b>	<b>.375 H&amp;H Magnum</b>	<b>4.6 kg</b>	<b>5 Internal</b>	<b>\$3366</b>
<b>M-70 Alaskan Stainless Laminate</b>	<b>.30-06 Springfield</b>	<b>4.08 kg</b>	<b>5 Internal</b>	<b>\$1818</b>
<b>M-70 Alaskan Stainless Laminate</b>	<b>.300 Winchester Magnum</b>	<b>4.34 kg</b>	<b>5 Internal</b>	<b>\$2424</b>
<b>M-70 Alaskan Stainless Laminate</b>	<b>.338 Winchester Magnum</b>	<b>4.53 kg</b>	<b>5 Internal</b>	<b>\$2645</b>
<b>M-70 Alaskan Stainless Laminate</b>	<b>.375 H&amp;H Magnum</b>	<b>4.86 kg</b>	<b>5 Internal</b>	<b>\$3369</b>

<b>Weapon</b>	<b>ROF</b>	<b>Damage</b>	<b>Pen</b>	<b>Bulk</b>	<b>SS</b>	<b>Burst</b>	<b>Range</b>
<b>M-70 Alaskan (.30-06)</b>	BA	4	2-3-Nil	8	4	Nil	87
<b>M-70 Alaskan (.300 Magnum)</b>	BA	5	1-2-3	8	4	Nil	100
<b>M-70 Alaskan (.338 Magnum)</b>	BA	6	1-3-Nil	8	5	Nil	115
<b>M-70 Alaskan (.375 Magnum)</b>	BA	7	1-3-5	8	5	Nil	123
<b>M-70 Alaskan Stainless Laminate (.30-06)</b>	BA	4	2-3-Nil	8	4	Nil	88
<b>M-70 Alaskan Stainless Laminate (.300 Magnum)</b>	BA	5	1-2-3	8	4	Nil	100
<b>M-70 Alaskan Stainless Laminate (.338 Magnum)</b>	BA	6	1-3-Nil	8	5	Nil	115
<b>M-70 Alaskan Stainless Laminate (.375 Magnum)</b>	BA	7	1-3-5	8	5	Nil	123

## M-70 Coyote

The Coyote is essentially the Varmint version of the M-70, though some of its chamberings enable it to tackle heavier game. Stocks on the basic Coyote are of Walnut, laminated and weatherproofed, and colored in a deep-brown wood finish (though one variant has a gray wood finish), the fore-end has a reverse taper shape. The butt has a non-slip rubber cover, but this is not a recoil pad. The stock has sling swivels on the toe of the butt and the front of the fore-end; the front sling swivel can be removed, giving access to a bipod mounting point. Metalwork can be polished blue, matte blue, or stainless steel. The 24-inch barrel has a medium-heavy profile with a target crown. The action uses the Controlled Round Push Feed feature, which combines the best aspects of a Push Feed and Controlled Round Feed bolt. The Coyote does not have iron sights, but instead has the same sort of drilling and tapping as the Sporter to allow it to mount virtually any optic mount. Coyotes are relatively heavy for their size and chambering.

The Coyote Light (later called the Coyote Lite) is, as the name suggests, a lighter version of the Coyote, primarily by replacement of the furniture by synthetics, specifically a carbon/fiberglass Bell and Carlson Stock. Parts have also been carefully trimmed to reduce weight. The front of the fore-end has four flow-through vents, which do help cool the rifle, though their primary purpose is to reduce weight. The barrel is 24 inches in all chamberings, of medium-heavy profile, fluted except at its very end, floating, and has a target crown. The barrel is made from stainless steel and finished in either bright metal or blued. Like the Coyote, it has no iron sights, but is equipped to take just about any optic mount imaginable. The butt has a Pachmayr Decelerator recoil pad and there is a sling swivel under the stock near the butt, and two under the fore-end.

The Coyote Outback is a special version of the Coyote. The Coyote Outback was produced in limited quantities from 2007-2008, and listed by Winchester as a "Historic Product." The difference in appearance is immediate, as the Coyote Outback uses gray wood, laminated and weatherproofed and satin-finished. The stock has a sling swivel under the stock and appears to be two under the fore-end, though the front is in fact designed to accept a variety of bipods (though none is provided as standard). The stock has three large flow-through cutaways and the fore-end has four slot-like flow-through cutaways that serve primarily to cool the barrel. The cutaways also serve to reduce weight. External metalwork is finished in bright stainless steel with a clear weatherproofing coating. The 24" barrel is medium-heavy, floating, and tipped with a target crown. The barrel is also fluted except at the very end, again to reduce weight. The weight reduction in other areas allow the Coyote Outback to have extra strengthening in the action and stock, as well as to make the scope mounting more solid. The Coyote Outback has a stock basically shaped like that of the Sporter, without the specially-shaped cheekpiece. The Coyote Outback has no iron sights, but has all the mounting provisions of other versions of the Coyote. The butt has a Pachmayr Decelerator recoil pad. Calibers are largely the same as the other versions of the Coyote, though the weight is different. Players will find in the charts below that, for the most part, the Coyote Outback shoots like a Coyote Light for game purposes, though there are a few differences.

The heavier-caliber magnum-firing versions of the Coyote are sometimes referred to as the "Coyote Deer/Elk Big Game Rifle."

<b>Weapon</b>	<b>Ammunition</b>	<b>Weight</b>	<b>Magazines</b>	<b>Price</b>
<b>M-70 Coyote</b>	<b>5.56mm NATO</b>	<b>3.97 kg</b>	<b>5 Internal</b>	<b>\$818</b>
<b>M-70 Coyote</b>	<b>.223 Winchester Super Short Magnum</b>	<b>3.98 kg</b>	<b>3 Internal</b>	<b>\$790</b>
<b>M-70 Coyote</b>	<b>.22-250 Remington</b>	<b>4.05 kg</b>	<b>5 Internal</b>	<b>\$865</b>

M-70 Coyote	.243 Winchester Super Short Magnum	4.07 kg	3 Internal	\$881
M-70 Coyote	.25 Winchester Super Short Magnum	4.13 kg	3 Internal	\$952
M-70 Coyote	.270 Winchester Short Magnum	4.39 kg	3 Internal	\$1269
M-70 Coyote	7mm Winchester Short Magnum	4.42 kg	3 Internal	\$1318
M-70 Coyote	.300 Winchester Short Magnum	4.55 kg	3 Internal	\$1502
M-70 Coyote	7.62mm NATO	4.52 kg	5 Internal	\$1450
M-70 Coyote	.325 Winchester Short Magnum	4.63 kg	3 Internal	\$1625
M-70 Coyote Light	.204 Ruger	3.35 kg	5 Internal	\$838
M-70 Coyote Light	5.56mm NATO	3.38 kg	5 Internal	\$911
M-70 Coyote Light	.223 Winchester Super Short Magnum	3.37 kg	3 Internal	\$883
M-70 Coyote Light	.22-250 Remington	3.4 kg	5 Internal	\$958
M-70 Coyote Light	.243 Winchester	3.47 kg	5 Internal	\$1114
M-70 Coyote Light	.243 Winchester Super Short Magnum	3.41 kg	3 Internal	\$974
M-70 Coyote Light	.25 Winchester Super Short Magnum	3.44 kg	3 Internal	\$1046
M-70 Coyote Light	.270 Winchester Short Magnum	3.69 kg	3 Internal	\$1364
M-70 Coyote Light	7mm Winchester Short Magnum	3.72 kg	3 Internal	\$1413
M-70 Coyote Light	7.62mm NATO	3.8 kg	5 Internal	\$1545
M-70 Coyote Light	.300 Winchester Short Magnum	3.83 kg	3 Internal	\$1598
M-70 Coyote Light	.325 Winchester Short Magnum	3.9 kg	3 Internal	\$1721
M-70 Coyote Outback	5.56mm NATO	3.52 kg	5 Internal	\$899
M-70 Coyote Outback	.22-250 Remington	3.59 kg	5 Internal	\$946
M-70 Coyote Outback	.243 Winchester	3.66 kg	5 Internal	\$1101
M-70 Coyote Outback	.270 Winchester	3.96 kg	5 Internal	\$1560
M-70 Coyote Outback	.270 Winchester Short Magnum	3.96 kg	3 Internal	\$1350
M-70 Coyote Outback	7mm Winchester Short Magnum	3.99 kg	3 Internal	\$1399
M-70 Coyote Outback	7.62mm NATO	4.08 kg	5 Internal	\$1531
M-70 Coyote Outback	.30-06 Springfield	4.24 kg	5 Internal	\$1811
M-70 Coyote Outback	.300 Winchester Short Magnum	4.11 kg	3 Internal	\$1584
M-70 Coyote Outback	.300 Winchester Magnum	4.38 kg	3 Internal	\$2403
M-70 Coyote Outback	.325 Winchester Short Magnum	4.19 kg	3 Internal	\$1706

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Coyote (5.56mm)	BA	3	1-Nil	7	3	Nil	79
M-70 Coyote (.223 WSSM)	BA	3	1-1-Nil	7	3	Nil	97
M-70 Coyote (.22-250)	BA	3	2-Nil	7	3	Nil	76
M-70 Coyote (.243 WSSM)	BA	3	1-2-Nil	7	3	Nil	104
M-70 Coyote (.25 WSSM)	BA	3	1-2-Nil	7	3	Nil	104
M-70 Coyote (.243 WSM)	BA	4	1-2-3	7	4	Nil	104
M-70 Coyote (7mm WSM)	BA	4	1-2-3	7	4	Nil	106
M-70 Coyote (.300 WSM)	BA	5	1-2-3	7	4	Nil	112
M-70 Coyote (7.62mm)	BA	4	2-3-Nil	7	4	Nil	93
M-70 Coyote (.325 WSM)	BA	5	1-2-3	7	4	Nil	112
M-70 Coyote Light (.204)	BA	3	1-Nil	7	2	Nil	72
M-70 Coyote Light/Outback (5.56mm)	BA	3	1-Nil	7	2	Nil	81
M-70 Coyote Light (.223 WSSM)	BA	3	1-1-Nil	7	2	Nil	100
M-70 Coyote Light (.22-250)	BA	3	2-Nil	7	3	Nil	77
M-70 Coyote Light/Outback (.243)	BA	3	2-Nil	7	3	Nil	80
M-70 Coyote Light (.243 WSSM)	BA	3	1-2-Nil	7	3	Nil	106
M-70 Coyote Light (.25 WSSM)	BA	3	1-2-Nil	7	3	Nil	106
M-70 Coyote Light/Outback (.270 WSM)	BA	4	1-2-3	7	4	Nil	108
M-70 Coyote Light/Outback (7mm WSM)	BA	4	1-2-3	7	4	Nil	110
M-70 Coyote Light/Outback (7.62mm)	BA	4	2-3-Nil	7	4	Nil	97
M-70 Coyote Light/Outback (.300 WSM)	BA	5	1-2-3	7	4	Nil	116
M-70 Coyote Light/Outback (.325 WSM)	BA	5	1-2-3	7	4	Nil	116
M-70 Coyote Outback (.22-250)	BA	3	2-Nil	7	2	Nil	77
M-70 Coyote Outback (.270)	BA	4	2-3-Nil	7	4	Nil	74
M-70 Coyote Outback (.30-06)	BA	4	2-3-Nil	8	4	Nil	84
M-70 Coyote Outback (.300 Win Magnum)	BA	5	2-3-Nil	8	4	Nil	96



## M-70 Classic Custom Carbon

A limited edition rifle, the Custom Carbon was produced only for a few months in 2006. The foundation for the Custom Carbon is the pre-64 Controlled Round Feed with claw extractor. The barrel is a 24" Shilen stainless steel barrel, wrapped in a high-modulus graphite epoxy and otherwise free-floating. The barrel is of heavy profile and has a target crown, and the steel is designed to dissipate heat 25% faster and is five times lighter and stronger than a comparable barrel. The stock is a Winchester-designed stock which is externally of black carbon fiber, but internally reinforced with a braided fiberglass structure with integrated aluminum pillars, and has a Pachmayr Decelerator recoil pad. Though the calibers below are typical, the Custom Carbon was available in any long-action SAAMI caliber on request, though I have not been able to find out who took advantage of this and what chamberings they chose.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Classic Custom Carbon	.25-06 Remington	3.02 kg	5 Internal	\$1383
M-70 Classic Custom Carbon	.270 Winchester Short Magnum	3.01 kg	3 Internal	\$1363
M-70 Classic Custom Carbon	7mm Winchester Short Magnum	3.03 kg	3 Internal	\$1411
M-70 Classic Custom Carbon	.300 Winchester Short Magnum	3.09 kg	3 Internal	\$1597
M-70 Classic Custom Carbon	.338 Winchester Magnum	3.13 kg	3 Internal	\$1720

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Classic Custom Carbon (.25-06)	BA	4	1-2-3	7	4	Nil	84
M-70 Classic Custom Carbon (.270 WSM)	BA	4	1-2-3	7	4	Nil	107
M-70 Classic Custom Carbon (7mm WSM)	BA	4	1-2-3	7	4	Nil	109
M-70 Classic Custom Carbon (.300 WSM)	BA	5	1-2-3	7	4	Nil	116
M-70 Classic Custom Carbon (.325 WSM)	BA	5	1-2-3	7	4	Nil	116

## M-70 Extreme Weather SS

Also called the Extreme Weather Stainless, this is intended not only to be Winchester's most weatherproof and abuse-proof version of the M-70, but to maintain accuracy and hold a zero on its scopes under such conditions.

The stock is a charcoal gray matte-finished synthetic stock which is textured throughout, with extra texturing given to the pistol grip wrist and fore-end. The stock, designed by Bell and Carlson, is made from a dense set of composite materials to eliminate the hollow feeling one often gets from a synthetic stock. The side of the stock has a sculpted cheekpiece to help attain and maintain proper eye relief and alignment with the scope. The butt is equipped with a Pachmayr Decelerator recoil pad. Exterior metalwork has a matte stainless finish. The mechanism features a pre-64-type claw extractor and the Controlled Round Feeding System for greater reliability, feeding, and extraction. The Extreme Weather SS has a fluted, free-floating, stainless steel barrel tipped with a target crown. Barrel lengths range from 22 inches for standard-type chamberings to 24 inches for Short Magnum chamberings to 26 inches to standard Magnum chamberings. The Extreme Weather SS does not have iron sights, but it has enough drilling, tapping, and grooves to allow it to mount virtually any sort of optics mount, including Weaver Rails and MIL-STD-1913 rails. The Extreme Weather SS is designed to function flawlessly in temperatures from -50 degrees Fahrenheit to +140 degrees Fahrenheit.

Later, the Extreme Weather SS was replaced in production by the Classic Custom Extreme Weather version. This version has subtle differences in the shape of the stock and differences in the mix of chamberings. The stock is a lightweight McMillan-designed stock, with a cheekpiece for better scope use. The butt features a full 1-inch-thick Pachmayr Decelerator recoil pad. The barrel is a fluted match-grade barrel; barrel lengths range from 22 inches for the .375 H&H Magnum, 24 inches for most other chamberings, and 26 inches for long-action chamberings. A left-handed version of the Classic Custom Extreme Weather is also built.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Extreme Weather SS	.243 Winchester	3.06 kg	5 Internal	\$1091
M-70 Extreme Weather SS	.25-06 Remington	3.18 kg	5 Internal	\$1362
M-70 Extreme Weather SS	.270 Winchester	3.24 kg	5 Internal	\$1551
M-70 Extreme Weather SS	7mm-08 Remington	3.24 kg	5 Internal	\$1360
M-70 Extreme Weather SS	7.62mm NATO	3.3 kg	5 Internal	\$1523
M-70 Extreme Weather SS	.30-06 Springfield	3.4 kg	5 Internal	\$1804
M-70 Extreme Weather SS	.270 Winchester Short Magnum	3.27 kg	3 Internal	\$1363
M-70 Extreme Weather SS	7mm Winchester Short Magnum	3.29 kg	3 Internal	\$1411



M-70 Extreme Weather SS	.300 Winchester Short Magnum	3.36 kg	3 Internal	\$1597
M-70 Extreme Weather SS	.325 Winchester Short Magnum	3.4 kg	3 Internal	\$1720
M-70 Extreme Weather SS	7mm Remington Magnum	3.39 kg	3 Internal	\$1633
M-70 Extreme Weather SS	.300 Winchester Magnum	3.63 kg	3 Internal	\$2479
M-70 Extreme Weather SS	.338 Winchester Magnum	3.69 kg	3 Internal	\$2701
M-70 Classic Custom Extreme Weather	.375 H&H Magnum	3.4 kg	3 Internal	\$3367
M-70 Classic Custom Extreme Weather	7.62mm NATO	3.06 kg	5 Internal	\$1616
M-70 Classic Custom Extreme Weather	.30-06 Springfield	3.15 kg	5 Internal	\$1898
M-70 Classic Custom Extreme Weather	.270 Winchester Short Magnum	3.01 kg	3 Internal	\$1435
M-70 Classic Custom Extreme Weather	7mm Winchester Short Magnum	3.03 kg	3 Internal	\$1484
M-70 Classic Custom Extreme Weather	.300 Winchester Short Magnum	3.09 kg	3 Internal	\$1669
M-70 Classic Custom Extreme Weather	.325 Winchester Short Magnum	3.13 kg	3 Internal	\$1792
M-70 Classic Custom Extreme Weather	7mm Remington Magnum	3.14 kg	3 Internal	\$1765
M-70 Classic Custom Extreme Weather	.300 Winchester Magnum	3.34 kg	3 Internal	\$2546
M-70 Classic Custom Extreme Weather	.300 Remington Ultra Mag	3.37 kg	3 Internal	\$2678
M-70 Classic Custom Extreme Weather	.338 Winchester Magnum	3.39 kg	3 Internal	\$2775

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Extreme Weather SS (.243)	BA	3	2-Nil	7	3	Nil	70
M-70 Extreme Weather SS (.25-06)	BA	4	2-Nil	7	4	Nil	61
M-70 Extreme Weather SS (.270)	BA	4	2-3-Nil	7	4	Nil	65
M-70 Extreme Weather SS (7mm-08)	BA	4	2-3-Nil	7	4	Nil	83
M-70 Extreme Weather SS (7.62mm)	BA	4	2-3-Nil	7	4	Nil	85
M-70 Extreme Weather SS (.30-06)	BA	4	2-3-Nil	7	4	Nil	74
M-70 Extreme Weather SS (.270 WSM)	BA	4	1-2-3	7	4	Nil	107
M-70 Extreme Weather SS (7mm WSM)	BA	4	1-2-3	7	4	Nil	109
M-70 Extreme Weather SS (.300 WSM)	BA	5	1-2-3	7	4	Nil	116
M-70 Extreme Weather SS (.325 WSM)	BA	5	1-2-3	7	4	Nil	116
M-70 Extreme Weather SS (7mm Magnum)	BA	4	1-2-3	8	4	Nil	104
M-70 Extreme Weather SS (.300 Win Magnum)	BA	5	1-2-3	8	4	Nil	108
M-70 Extreme Weather SS (.338 Magnum)	BA	6	1-3-Nil	8	5	Nil	124
M-70 Classic Custom Extreme Weather (.375 Magnum)	BA	6	1-3-Nil	8	5	Nil	102
M-70 Classic Custom Extreme Weather (7.62mm)	BA	4	2-3-Nil	7	4	Nil	95
M-70 Classic Custom Extreme Weather (.30-06)	BA	4	2-3-Nil	7	4	Nil	83
M-70 Classic Custom Extreme Weather (.270 WSM)	BA	4	1-2-3	7	4	Nil	105
M-70 Classic Custom Extreme Weather (7mm WSM)	BA	4	1-2-3	7	4	Nil	108
M-70 Classic Custom Extreme Weather (.300 WSM)	BA	5	1-2-3	7	4	Nil	114
M-70 Classic Custom Extreme Weather (.325 WSM)	BA	5	1-2-3	7	4	Nil	114

<b>M-70 Classic Custom Extreme Weather (7mm Magnum)</b>	BA	4	1-2-3	8	4	Nil	98
<b>M-70 Classic Custom Extreme Weather (.300 Win Magnum)</b>	BA	5	1-2-3	8	4	Nil	106
<b>M-70 Classic Custom Extreme Weather (.300 RUM)</b>	BA	5	1-2-3	8	4	Nil	111
<b>M-70 Classic Custom Extreme Weather (.338 Magnum)</b>	BA	6	1-3-Nil	8	5	Nil	122

## M-70 Featherweight

The 4<sup>th</sup>-version Featherweight is lighter in weight than a standard Sporter primarily due to the use of lighter wood in its stock, though some advanced steels used in its construction also help. The stock nonetheless uses Grade I walnut, has a Schnabel tip to its fore-end, and a satin finish with finely-cut checkering on its pistol grip wrist and fore-end. The butt also has a Pachmayr Decelerator recoil pad, a virtual standard on 4<sup>th</sup>-version M-70s. The action uses the also-virtual-standard pre-64-type Controlled Round Feed, and has a jeweled bolt body. The bolt handle itself is knurled, bent back to ease its use and to help clear large scopes and scope mounts. Like the Sporter, its drilling and tapping allow the mounting of most optic mounts. The barrel is of standard profile; standard chamberings use a 22-inch barrel, as do the Super Short Magnums, while most other magnum chamberings have a 24-inch barrel and the .300 Winchester Magnum chambering has a 26-inch barrel. (It should be noted that many of the Featherweights will use the same firing line, as they are close enough in firing characteristics in game terms.) Throughout its production history, various chamberings have been added and deleted, but I will show all of them here.

The Featherweight Compact (sometimes called the Compact Carbine) uses basically the same design features, but has a 20-inch standard-profile barrel and is much more much restricted in caliber choices. The stock is essentially the same design as the standard Featherweight, but the length of pull is shortened to 33 centimeters, and the length of the entire rifle to 100.3 centimeters, as the Featherweight Compact is aimed at shorter women, older children, and those in their early teens. (Ironically, the Featherweight Compact is a good deal heavier than the Compact version of the M-70 Sporter of the M-70 Classic.) Unlike most versions of the 4<sup>th</sup>-version M-70, the Featherweight Compact does not have a recoil pad.

The Featherweight Stainless is basically the same as the standard Featherweight, but is not available in the .22-250, .25-06, .300 Winchester Magnum, 7mm Winchester Short Magnum, or .325 Winchester Magnum chamberings. Of course, external metalwork is in matte stainless steel. The Classic Compact differs in some details of the stock and its shape, but for game purposes is the same as the standard Featherweight Compact.

The Classic Featherweight has a somewhat different stock style from the standard Featherweight, most notably in the area of the pistol grip wrist, and is much lighter than the standard Featherweight. It has a knurled (bent back) bolt handle, though the handle is not quite as bent back as on the standard Featherweight. External metalwork has a satin blued finish. The stock has an angled comb and a Schnabel fore-end tip, and the area of checkering on the fore-end covers nearly the entire fore-end. Like most other 4<sup>th</sup>-version M-70s, it has a Pachmayr Decelerator recoil pad. The barrel has a standard profile; the mix of chamberings is different than those of the standard Featherweight, with barrel lengths for standard-type calibers being 22 inches, as well as in the .25 Winchester Super Short Magnum chambering. Other calibers use a 24-inch barrel. Versions of the Classic Featherweight were made with matte stainless steel external metalwork (the Classic Featherweight Stainless) and of the standard Featherweight (the Stainless Featherweight). Both were also made in left-handed versions. Left-handed versions were limited to 7mm Winchester Short Magnum, .270 Winchester Magnum, and .300 Winchester Short Magnum, but the Stainless versions are identical to the Featherweight or Classic Featherweight for game purposes.

The Classic Custom Featherweight uses better-grade walnut than the Classic Featherweight, with a fore-end with a Schnabel Tip and a Pachmayr Decelerator recoil pad a full inch thick. The Custom Classic Featherweight is chambered only in three calibers and the metalwork may be blued or matte stainless. A left-handed version of the Classic Custom Featherweight was also made. Barrels are all 22 inches, and of standard weight and round profile; however, they are of match quality. However, the Classic Custom Featherweight is equipped with sling swivels, something that most M-70s are not.

Weapon	Ammunition	Weight	Magazines	Price
<b>M-70 Featherweight</b>	.22-250 Remington	3.06 kg	5 Internal	\$912
<b>M-70 Featherweight</b>	.243 Winchester	3.16 kg	5 Internal	\$1067
<b>M-70 Featherweight</b>	.25-06 Remington	3.32 kg	5 Internal	\$1337
<b>M-70 Featherweight</b>	.264 Winchester Magnum	3.36 kg	5 Internal	\$1430
<b>M-70 Featherweight</b>	6.5mm Swedish	3.28 kg	5 Internal	\$1251
<b>M-70 Featherweight</b>	.270 Winchester	3.38 kg	5 Internal	\$1526
<b>M-70 Featherweight</b>	7mm-08 Remington	3.29 kg	5 Internal	\$1336
<b>M-70 Featherweight</b>	7.62mm NATO	3.37 kg	5 Internal	\$1497
<b>M-70 Featherweight</b>	.30-06 Springfield	3.5 kg	5 Internal	\$1778
<b>M-70 Featherweight</b>	.223 Winchester Super Short Magnum	3.1 kg	3 Internal	\$837
<b>M-70 Featherweight</b>	.243 Winchester Super Short Magnum	3.16 kg	3 Internal	\$928
<b>M-70 Featherweight</b>	.25 Winchester Super Short Magnum	3.2 kg	3 Internal	\$999

M-70 Featherweight	7mm Winchester Short Magnum	3.48 kg	3 Internal	\$1385
M-70 Featherweight	.270 Winchester Short Magnum	3.45 kg	3 Internal	\$1337
M-70 Featherweight	.300 Winchester Short Magnum	3.57 kg	3 Internal	\$1570
M-70 Featherweight	.325 Winchester Short Magnum	3.63 kg	3 Internal	\$1693
M-70 Featherweight	.300 Winchester Magnum	3.82 kg	3 Internal	\$2424
M-70 Featherweight Compact	.22-250 Remington	3.06 kg	5 Internal	\$817
M-70 Featherweight Compact	.243 Winchester	3.17 kg	5 Internal	\$972
M-70 Featherweight Compact	7mm-08 Remington	3.34 kg	5 Internal	\$1240
M-70 Featherweight Compact	7.62mm NATO	3.43 kg	5 Internal	\$1402
M-70 Classic Featherweight	.22-250 Remington	3.06 kg	5 Internal	\$912
M-70 Classic Featherweight	.243 Winchester	3.16 kg	5 Internal	\$1067
M-70 Classic Featherweight	6.5mm Swedish	3.27 kg	5 Internal	\$1251
M-70 Classic Featherweight	.270 Winchester	3.41 kg	5 Internal	\$1526
M-70 Classic Featherweight	7mm-08 Remington	3.32 kg	5 Internal	\$1336
M-70 Classic Featherweight	7.62mm NATO	3.4 kg	5 Internal	\$1497
M-70 Classic Featherweight	.30-06 Springfield	3.54 kg	5 Internal	\$1778
M-70 Classic Featherweight	.25 Winchester Super Short Magnum	3.2 kg	3 Internal	\$1000
M-70 Classic Featherweight	.270 Winchester Short Magnum	3.41 kg	3 Internal	\$1337
M-70 Classic Featherweight	7mm Winchester Short Magnum	3.43 kg	3 Internal	\$1385
M-70 Classic Featherweight	.300 Winchester Short Magnum	3.52 kg	3 Internal	\$1570
M-70 Classic Featherweight	.325 Winchester Short Magnum	3.58 kg	3 Internal	\$1693
M-70 Classic Custom Featherweight	.270 Winchester	3.29 kg	5 Internal	\$1531
M-70 Classic Custom Featherweight	.280 Remington	3.31 kg	5 Internal	\$1590
M-70 Classic Custom Featherweight	.30-06 Springfield	3.4 kg	5 Internal	\$1783

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Featherweight (.22-250)	BA	3	1-Nil	6	3	Nil	65
M-70 Featherweight (.243)	BA	3	2-Nil	6	3	Nil	65
M-70 Featherweight (.25-06)	BA	4	2-Nil	7	4	Nil	57
M-70 Featherweight (.264 Magnum)	BA	4	1-2-3	7	4	Nil	
M-70 Featherweight (6.5mm)	BA	4	2-Nil	7	4	Nil	68
M-70 Featherweight (.270)	BA	4	2-3-Nil	7	4	Nil	60
M-70 Featherweight (7mm-08)	BA	4	2-3-Nil	7	4	Nil	77
M-70 Featherweight (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
M-70 Featherweight (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
M-70 Featherweight (.223 WSSM)	BA	3	1-1-Nil	6	3	Nil	86
M-70 Featherweight (.243 WSSM)	BA	3	1-2-Nil	6	3	Nil	92
M-70 Featherweight (.25 WSSM)	BA	3	1-2-Nil	6	3	Nil	92
M-70 Featherweight (7mm WSM)	BA	4	1-2-3	7	4	Nil	102
M-70 Featherweight (.270 WSM)	BA	4	1-2-3	7	4	Nil	100
M-70 Featherweight (.300 WSM)	BA	5	1-2-3	7	4	Nil	108
M-70 Featherweight (.325 WSM)	BA	5	1-2-3	7	4	Nil	108
M-70 Featherweight (.300 Win Magnum)	BA	5	1-2-3	8	4	Nil	100
M-70 Featherweight Compact (.22-250)	BA	3	1-Nil	6	3	Nil	56
M-70 Featherweight Compact (.243)	BA	3	2-Nil	6	3	Nil	57
M-70 Featherweight Compact (7mm-08)	BA	4	2-3-Nil	6	4	Nil	67
M-70 Featherweight Compact (7.62mm)	BA	4	2-3-Nil	6	5	Nil	68
M-70 Classic Featherweight (.22-250)	BA	3	1-Nil	6	3	Nil	65
M-70 Classic Featherweight (.243)	BA	3	1-Nil	6	3	Nil	65
M-70 Classic Featherweight (6.5mm)	BA	4	2-Nil	7	4	Nil	68

M-70 Classic Featherweight (.270)	BA	4	2-3-Nil	7	4	Nil	60
M-70 Classic Featherweight (7mm-08)	BA	4	2-3-Nil	7	4	Nil	77
M-70 Classic Featherweight (7.62mm)	BA	4	2-3-Nil	7	4	Nil	79
M-70 Classic Featherweight (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
M-70 Classic Featherweight (.25 WSSM)	BA	3	1-2-Nil	6	3	Nil	92
M-70 Classic Featherweight (.270 WSM)	BA	4	1-2-3	7	4	Nil	100
M-70 Classic Featherweight (7mm WSM)	BA	4	1-2-3	7	4	Nil	102
M-70 Classic Featherweight (.300 WSM)	BA	5	1-2-3	7	4	Nil	108
M-70 Classic Featherweight (.325 WSM)	BA	5	1-2-3	7	4	Nil	108
M-70 Classic Custom Featherweight (.270)	BA	4	2-3-Nil	7	4	Nil	63
M-70 Classic Custom Featherweight (.280)	BA	4	2-3-Nil	7	4	Nil	64
M-70 Classic Custom Featherweight (.30-06)	BA	4	2-3-Nil	7	4	Nil	71

M-70 North American Big Game Custom

This limited edition version of the M-70 was produced for only a short time starting in 2006 – the Whitetail Deer edition is chambered for .270 Winchester Short Magnum, followed by the Elk edition in .300 Winchester Short Magnum, then the Antelope edition in 7mm Winchester Short Magnum. Only 125 of each caliber were produced. The rifles were specially-numbered and the shooter was required to buy a set of three (one in each caliber). The action uses the pre-64 Controlled Round Feed system. The metal of this version of the M-70 is special chrome-moly steel; the stocks are of select Grade III walnut, finished with a weatherproof satin polyurethane finish and impregnated with a compound to fight warp. The finish of the metalwork is high-luster blue, with a special transparent coating to make it weatherproof and rustproof. The trigger guard is integral with the magazine floorplate, which is engraved with the edition type of the rifle in gold. Parts of the receiver also have special engraving. The pistol grip wrist has a large area of hand-cut checkering, and the fore-end likewise has a large area of hand-cut checkering. Of course, the North American Big Game Custom is equipped with a Pachmayr Decelerator recoil pad on the butt, as well as sling swivels which fold flush into the stock and fore-end. The barrel is 24 inches, medium profile, floating, and with a target crown. Naturally, the real-world price of one of these rifles is far in excess of the game price.

Weapon	Ammunition	Weight	Magazines	Price
M-70 North American Big Game Custom	.270 Winchester Short Magnum	3.4 kg	3 Internal	\$1349
M-70 North American Big Game Custom	7mm Winchester Short Magnum	3.43 kg	3 Internal	\$1398
M-70 North American Big Game Custom	.300 Winchester Short Magnum	3.52 kg	3 Internal	\$1582

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 North American Big Game Custom (.270 WSM)	BA	4	1-2-3	7	4	Nil	107
M-70 North American Big Game Custom (7mm WSM)	BA	4	1-2-3	7	4	Nil	109
M-70 North American Big Game Custom (.300 WSM)	BA	5	1-2-3	7	4	Nil	116

M-70 Safari Express

The Safari Express is at its base a larger, heavier version of the Sporter, designed to fire heavy-caliber rounds. It has the basic details of the Sporter – a Grade I walnut stock with fine checkering on the pistol grip wrist and on the fore-end, though the fore-end tip is rounded instead of having a Schnabel Tip and the stock has almost no drop to it. The butt is equipped with a thick Pachmayr Decelerator recoil pad. The Safari Express uses the pre-64-type claw extractor, a hooded front sight ramp, and an express-type rear sight. The stock has a pair of reinforcing crossbolts through it (above and just ahead of the trigger guard and below and just ahead of the bolt opening/extraction port). The action is also attached to the receiver with two extra recoil lugs. The standard screws of the M-70 have been almost totally replaced by flush-fit hex screws. The magazine floorplate has been designed to be totally flush with the bottom of the rifle, except for a small portion gripped for opening in front of and flush with the trigger guard. The Safari Express has sling swivels, one attached to a reinforced ring around the barrel just ahead of the fore-end tip, and the other under the stock. The barrel is 24 inches, but the barrel is also of heavy profile as well as being tipped with a target crown.

Related to the Safari Express is the Custom African Express. This is similar to the Safari Express, but has an English select-quality stock which has a cheekpiece “mound” on the side of the stock to aid in positioning the head correctly for scope use and may shooting more comfortable. The English walnut used in the stock is hand-oiled and hand-checked, with large checkered area on the pistol



grip wrist (stretching from the cap to nearly the receiver). The pistol grip wrist cap and the end of the fore-end are of ebony. The Custom African Express has a full 1-inch thick Pachmayr Decelerator recoil pad. Though the Custom African Express is drilled and tapped in the normal manner; additional drilling and tapping allows for scopes to be mounted in the scout position; in addition, the Custom African Express has an adjustable rear sight in the scout position, and a hooded front sight post. An Oberndorf magazine floorplate allows for the carriage on one extra cartridge. External metalwork is deep blue, and sling swivels are found on a reinforced ring about two inches in front of the and under the stock; the rear sling swivel folds into a recess in the stock. Barrels are of heavy profile and cold hammer-forged. Barrels are 22 inches for the .458 Winchester Magnum chambering, and 24 inches for the others. A left-handed version of the Custom African Express is made; this version has an additional chambering, and the .470 Capstick chambering uses a 24-inch barrel.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Safari Express	.375 H&H Magnum	4.08 kg	3 Internal	\$3333
M-70 Safari Express	.416 Remington Magnum	4.26 kg	3 Internal	\$3904
M-70 Safari Express	.458 Winchester Magnum	4.31 kg	3 Internal	\$4093
M-70 Custom African Express	.375 H&H Magnum	4.38 kg	4 Internal	\$3401
M-70 Custom African Express	.416 Remington Magnum	4.45 kg	4 Internal	\$3597
M-70 Custom African Express	.416 Rigby	4.59 kg	4 Internal	\$4026
M-70 Custom African Express	.458 Winchester Magnum	4.62 kg	4 Internal	\$4099
M-70 Custom African Express	.458 Lott	4.75 kg	4 Internal	\$4550
M-70 Custom African Express (Left-Handed)	.470 Capstick	4.85 kg	4 Internal	\$4900

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Safari Express (.375 Magnum)	BA	7	1-3-5	8	5	Nil	115
M-70 Safari Express (.416 Rem Magnum)	BA	7	1-3-5	8	5	Nil	125
M-70 Safari Express (.458 Win Magnum)	BA	8	1-3-5	8	5	Nil	114
M-70 Custom African Express (.375 Magnum)	BA	7	1-3-5	8	4	Nil	113
M-70 Custom African Express (.416 Rem Magnum)	BA	7	1-3-5	8	4	Nil	112
M-70 Custom African Express (.416 Rigby)	BA	7	1-3-5	8	4	Nil	129
M-70 Custom African Express (.458 Win Magnum)	BA	7	1-3-5	8	4	Nil	98
M-70 Custom African Express (.458 Lott)	BA	8	1-2-3	9	5	Nil	123
M-70 Custom African Express LH (.470 Capstick)	BA	8	1-2-3	9	5	Nil	129

M-70 Stealth

The M-70 Stealth was one of the first versions of the M-70 first offered by the now-FN-owned Winchester, and was meant to be the 4<sup>th</sup>-version counterpart to the 3<sup>rd</sup>-version's M-70 Heavy Varmint rifle. The stock design is similar to that of the Sporter, but it has a more straight-in-line stock with a low degree of drop in the stock. Like the Sporter, the Stealth is equipped with a Pachmayr Decelerator recoil pad on its butt. Despite the Stealth's HS Precision-designed Kevlar/fiberglass/graphite stock, many of the other features make the Stealth a relatively heavy member of the M-70 series. Some of these features include strategic steel and light alloy strengthening in inside certain portions of the stock., a stronger action, measures to make the Stealth as weatherproof and rust-proof as possible, and the use in the action barrel, and some other parts of heavy, high-strength steels. The barrel is a long one at 26 inches, and the barrel has a heavy profile which is free-floating and has a target crown. The bedding is done with a Pillar Plus AccuBlock. The action, other than its increased strength, is largely like an improved version of that of the Sporter, designed to increase the already-reliable reliability of the new M-70's action; however, it is extremely smooth and quiet. As with many M-70s, the Stealth has no iron sights, the drilling and tapping allow it to take virtually any sort of sight base or mount. The stock is of matte black synthetic, and the barrel is matte blued, as is all external metalwork (hence the "Stealth" appellation, along with its potential range). When the Stealth was first introduced, it was available in four chamberings, but only one (7.62mm NATO) has been offered since 2009, as Winchester has moved its focus to the Stealth II and Stealth III.

There have been rumors of the 7.62mm version of the Stealth being used as a sniper rifle by some military and extra-military units in the early stages of the wars in Afghanistan and Iraq. Other rumors state that the Stealth was never really meant to be a Varmint or



hunting rifle, but instead a weapon for police snipers or as a tactical response sharpshooter's weapon, or as a military sniper or sharpshooter's weapon.

The Stealth II is in fact more of a varmint rifle than the Stealth currently is. Nonetheless, the same rumors persist about the Stealth II getting military use. Available in five calibers, the Stealth II is still very much like the Stealth, but the stock is a matte dark gray stock designed by Bell and Carlson. The fore-end checkering is gone, though the checkering on the pistol grip stock remains, and the area that is checkered is larger, extending from the pistol grip wrist cap almost to the trigger guard. The trigger guard and magazine floorplate are made in one piece, which the whole swinging open when the floorplate is opened. The ejector has been changed to a blade type instead of the claw-type used on most iterations of the M-70, but this ejector can be adjusted for ejection force by the shooter. The barrel is essentially the same as that of the Stealth, though the Stealth II uses a single bedding block which is shorter in length than that of the Stealth. Perhaps the biggest change of in the Stealth II is that it is even heavier than the Stealth, though this contributes to lower felt recoil and greater stability. The factory-set trigger pull weight of 6 pounds is considered unnecessarily heavy by most shooters; fortunately, the trigger pull weight, pull length, and overtravel are easily adjustable by a weaponsmith or even a shooter with appropriate knowledge.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Stealth	5.56mm NATO	4.24 kg	5 Internal	\$931
M-70 Stealth	.22-250 Remington	4.27 kg	5 Internal	\$978
M-70 Stealth	.25 Winchester Super Short Magnum	4.32 kg	3 Internal	\$1066
M-70 Stealth	7.62mm NATO	4.54 kg	5 Internal	\$1565
M-70 Stealth II	.22-250 Winchester	4.69 kg	5 Internal	\$978
M-70 Stealth II	.223 Winchester Super Short Magnum	4.64 kg	3 Internal	\$903
M-70 Stealth II	.243 Winchester Super Short Magnum	4.7 kg	3 Internal	\$994
M-70 Stealth II	.25 Winchester Super Short Magnum	4.74 kg	3 Internal	\$1066
M-70 Stealth II	7.62mm NATO	5.03 kg	5 Internal	\$1565

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Stealth (.223)	BA	3	2-Nil	7	2	Nil	87
M-70 Stealth/Stealth II (.22-250)	BA	3	2-Nil	7	2	Nil	84
M-70 Stealth/Stealth II (.25 WSSM)	BA	3	1-2-Nil	7	3	Nil	115
M-70 Stealth/Stealth II (7.62mm)	BA	4	2-3-Nil	8	3	Nil	104
M-70 Stealth II (.223 WSSM)	BA	3	1-1-Nil	7	2	Nil	108
M-70 Stealth II (.243 WSSM)	BA	3	1-2-Nil	7	2	Nil	115

M-70 Super Grade

While for the most part the Super Grade is a Deluxe version of the Sporter or Classic, the Super Grade has some extra touches that warrant it a separate entry. The stock of the basic Super Grade is of fancy walnut, with fine, hand-cut checkering on the pistol grip wrist; the checkering in this area is large and extends from the pistol grip wrist cap almost to the rear of the trigger guard. The fore-end has the same sort of checkering, taking up, from the center of the fore-end, about two-thirds of the fore-end. The Super Grade is a bit more strongly-built, including a reinforcing crossbolt just above and in front of the front of the trigger guard. Sling swivels are standard on the Super Grade, but these fold flush with the stock. The butt is equipped with the standard Pachmayr Decelerator recoil pad. The trigger pack is exceptional, and the trigger has no creep, no takeup, and no overtravel, and is adjustable by a weaponsmith for pull weight. The Super Grade has the usual collection of drilling and tapping, enabling it to take virtually any type of scope mount. (A Weaver or MIL-STD-1913 rail, in fact, is an optional accessory which can be ordered from Winchester along with the Super Grade.) The barrel is 24 inches (except for .300 and .338 Winchester Magnum versions and 7mm Remington Magnum version, which have a 26-inch barrel), cold hammer-forged, and floating for additional accuracy.

The Classic Super Grade, like the Classic Sporter, has a somewhat different stock design from the Super Grade, as well as a different mix of calibers. Originally six chamberings were offered; later, though six chamberings were still offered, they were different chamberings than the original ones offered. The weight of the Classic Super Grade also changed somewhat. A fancier version, the Classic Super Grade III, is also sold; this version uses Grade II walnut in its stock hence the name), and small details like a hand-etched crossbolt head, an ebony fore-end cap for the tip, and a black ebony cap for the pistol grip wrist. The Classic Super Grade III uses the pre-64 Controlled Feed action. Barrel lengths remain the same as on the Classic Super grade, with a total of nine chamberings.

The Super Grade RMEF (Rocky Mountain Elk Foundation) was a limited edition, with a fancy-grade stock, matte stainless external metalwork, a butt with a Pachmayr Decelerator recoil pad, and a special RMEF emblem on the pistol grip wrist cap. The fore-end is rounded, but has no special cap. Originally, the Super grade RMEF was made in .300 Winchester Magnum (with a 26" barrel) or .300 Winchester Short Magnum (with a 24" barrel), but the .300 Winchester Magnum chambering was dropped in 2007. Like the Super Grade, the Super Grade's barrel is cold hammer-forged and is free-floating. The Super Grade RMEF is a very light rifle given its magnum chamberings. The Classic Super Grade RMEF is identical for game purposes except for minor details in the shape of the stock.

The Super Grade III RMEF is similar to the Super Grade RMEF in lines, but the stock is made of select grade II walnut chosen for

the lines of its grain. The checkering of its pistol grip wrist and fore-end is hand-cut. An additional crossbolt is added under the action to increase strength. The fore-end is tipped with an ebony cap, and the pistol grip wrist is capped by a special RMEF emblem. The stock has a raised shadowline cheekpiece, and the butt has the near-customary Pachmayr Decelerator recoil pad. The sling swivels of the Super Grade III RMEF are designed to fold flush into the stock. Like the Super Grade RMEF, the Super Grade III RMEF is rather light for the magnum cartridges it fires.

Note that the real-world prices for a Super Grade rifle far exceeds the game costs listed below.

Weapon	Ammunition	Weight	Magazines	Price
M-70 Super Grade	.270 Winchester	3.78 kg	5 Internal	\$1574
M-70 Super Grade	.270 Winchester Short Magnum	3.66 kg	3 Internal	\$1346
M-70 Super Grade	.30-06 Springfield	3.92 kg	5 Internal	\$1807
M-70 Super Grade	.300 Winchester Short Magnum	3.81 kg	3 Internal	\$1579
M-70 Super Grade	.300 Winchester Magnum	4.08 kg	3 Internal	\$2452
M-70 Super Grade	.338 Winchester Magnum	4.17 kg	3 Internal	\$2673
M-70 Classic Super Grade	.270 Winchester	3.52 kg	5 Internal	\$1574
M-70 Classic Super Grade	7mm Remington Magnum	3.54 kg	3 Internal	\$1614
M-70 Classic Super Grade	7mm STW	3.61 kg	3 Internal	\$1768
M-70 Classic Super Grade	.30-06 Springfield	3.63 kg	5 Internal	\$1807
M-70 Classic Super Grade	.300 Winchester Magnum	3.76 kg	3 Internal	\$2452
M-70 Classic Super Grade	.338 Winchester Magnum	3.84 kg	3 Internal	\$2673
M-70 Classic Super Grade III	.25-06 Remington	3.63 kg	5 Internal	\$1366
M-70 Classic Super Grade III	.270 Winchester	3.73 kg	5 Internal	\$1555
M-70 Classic Super Grade III	.270 Winchester Short Magnum	3.62 kg	3 Internal	\$1345
M-70 Classic Super Grade III	7mm Winchester Short Magnum	3.65 kg	3 Internal	\$1394
M-70 Classic Super Grade III	.30-06 Springfield	3.87 kg	5 Internal	\$1807
M-70 Classic Super Grade III	.300 Winchester Short Magnum	3.76 kg	3 Internal	\$1579
M-70 Classic Super Grade III	.325 Winchester Short Magnum	3.82 kg	3 Internal	\$1701
M-70 Classic Super Grade III	.300 Winchester Magnum	4.02 kg	3 Internal	\$2451
M-70 Classic Super Grade III	.338 Winchester Magnum	4.11 kg	3 Internal	\$2673
M-70 Classic Super Grade RMEF	.300 Winchester Magnum	3.52 kg	3 Internal	\$2451
M-70 Classic Super Grade RMEF	.300 Winchester Short Magnum	3.33 kg	3 Internal	\$1579
M-70 Classic Super Grade III RMEF	.300 Winchester Short Magnum	3.52 kg	3 Internal	\$1579
M-70 Classic Super Grade III RMEF	.325 Winchester Short Magnum	3.58 kg	3 Internal	\$1701

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Super Grade (.270)	BA	4	2-3-Nil	7	4	Nil	71
M-70 Super Grade (.270 WSM)	BA	4	1-2-3	7	4	Nil	105
M-70 Super Grade (.30-06)	BA	4	2-3-Nil	7	4	Nil	82
M-70 Super Grade (.300 WSM)	BA	5	1-2-3	7	4	Nil	113
M-70 Super Grade (.300 Win Magnum)	BA	5	1-2-3	8	4	Nil	106
M-70 Super Grade (.338 Magnum)	BA	5	1-3-Nil	8	5	Nil	121
M-70 Classic Super Grade (.270)	BA	4	2-3-Nil	7	4	Nil	71
M-70 Classic Super Grade (7mm Magnum)	BA	4	1-2-3	8	4	Nil	102
M-70 Classic Super Grade (7mm STW)	BA	4	1-2-3	7	4	Nil	87
M-70 Classic Super Grade (.30-06)	BA	4	2-3-Nil	7	4	Nil	82
M-70 Classic Super Grade (.300 Win Magnum)	BA	5	1-2-3	8	4	Nil	106
M-70 Classic Super Grade (.338 Magnum)	BA	5	1-3-Nil	8	5	Nil	121
M-70 Classic Super Grade III (.25-06)	BA	4	1-2-3	7	4	Nil	82
M-70 Classic Super Grade III (.270)	BA	4	2-3-Nil	7	4	Nil	72
M-70 Classic Super Grade III (.270 WSM)	BA	4	1-2-3	7	4	Nil	105
M-70 Classic Super Grade III (7mm WSM)	BA	4	1-2-3	7	4	Nil	107
M-70 Classic Super Grade III (.30-06)	BA	4	2-3-Nil	7	4	Nil	82

<b>M-70 Classic Super Grade III (.300 WSM)</b>	BA	5	1-2-3	7	4	Nil	113
<b>M-70 Classic Super Grade III (.325 WSM)</b>	BA	5	1-2-3	7	4	Nil	113
<b>M-70 Classic Super Grade III (.300 Win Magnum)</b>	BA	5	1-2-3	8	4	Nil	106
<b>M-70 Classic Super Grade III (.338 Magnum)</b>	BA	6	1-3-Nil	8	5	Nil	121
<b>M-70 Super Grade RMEF (.300 Win Magnum)</b>	BA	5	1-2-3	8	4	Nil	106
<b>M-70 Super Grade RMEF (.300 WSM)</b>	BA	5	1-2-3	7	4	Nil	113
<b>M-70 Super Grade III RMEF (.300 WSM)</b>	BA	5	1-2-3	7	4	Nil	113
<b>M-70 Super Grade III RMEF (.325 WSM)</b>	BA	5	1-2-3	7	4	Nil	113

## M-70 Super Shadow

This is the “descendant” of the 3<sup>rd</sup> version M-70 Shadow. The Super Shadow has the basic functions and some of the features of the Shadow, but has a different purpose: the Super Shadow is meant to be a lightweight version of the M-70, that is lower in (real-world) cost than most of the 4<sup>th</sup>-version M-70 line. The Super Shadow's stock is based on that of the Sporter, but is made of advanced composites which are reinforced with even stiffer composites and some light alloy in crucial areas. The lines of the stock are simple and flowing, with molded in oval dot texturing on the pistol grip wrist and the fore-end. It uses a more advanced version of the pre-64 feed system, called Controlled Round Push Feed. The stock has the Pachmayr Decelerater recoil pad found on almost all 4<sup>th</sup>-version M-70s, and has “ripple” contours on the stock to help the shooter's shoulder grip on the stock. The Super Shadow is equipped with sling swivels under the fore-end near the end and under the stock. The Super Shadow's fore-end is merely squared-off at the end, and it has no magazine floorplate to quickly empty the magazine. The stock of the Super Shadow is matte black in color, and the external metalwork is dark matte blued. The super Shadow has no iron sights, relying on the drilling and tapping that allows for the mounting of virtually any type of scope mount or rings. The barrel is a simple standard-weight round barrel 24 inches long, with no special features, and the Super Shadow is designed only for Winchester Short Magnum and Winchester Super Short Magnum rounds.

The Ultimate Shadow appears at first very much like the Super Shadow in appearance, but upon closer inspection has several features the Super Shadow does not. The stock has the same construction, but has a rubberized coating that allows the shooter a better grip on the rifle whether he is firing or simply carrying it in his hand; this is in addition to the oval dot texturing on the pistol grip wrist and fore-end and the “ripples” on the stock that improve shoulder grip on the stock. A special transparent coating protects the external metalwork from the elements and simple bangs that might scratch other rifles. The standard Ultimate Shadow has a matte black color to the stock and dark matte blued external metalwork. The Ultimate Shadow is chambered for many more rounds than the Super Shadow; barrel lengths are 22 inches for .243 Winchester, 7mm-08 Remington, and 7.62mm NATO; 24 inches for .25-06 Remington, .270 Winchester, .30-06 Springfield, and the Winchester Short Magnum rounds; and 26 inches for the long-action magnum rounds. The barrel is a free-floating barrel, and the Ultimate Shadow has the MOA trigger pack which is adjustable to a large degree by the shooter, and even more so by a weaponsmith. The Ultimate Shadow in its base, dark colored form (and sometimes the Super Shadow and base, dark classic Ultimate Shadow) are sometimes called the Black Shadow.

The Classic Ultimate Shadow is for the most part the similar to the Ultimate Shadow, but has a stock shape subtly different from the Ultimate Shadow. The pistol grip wrist and fore-end have the same textures, but are in an actual inset which is gray in color. The Classic Ultimate Shadow uses only Winchester Short Magnum and Winchester Super Short Magnum chamberings, and the action may be Controlled Round Feed or Controlled Round Push Feed at the buyer's option. The recoil pad, “rippled” stock, rubberized coating on the stock, coating for the external metalwork, and floating barrel are carried over from the Ultimate Shadow; however, the Classic Ultimate Shadow does not have an MOA trigger pack. The standard Classic Ultimate Shadow has a matte black stock and dark matte blued external metalwork; however, the Classic Stainless Ultimate Shadow version has a matte stainless finish on the external metalwork. There is also a Classic Camo Ultimate Shadow, which has a stock with an imprinted Mossy Oak camouflage pattern, including on the pistol grip wrist and fore-end texturing, and dark matte blued external metalwork. There is also a corresponding Classic Camo Stainless Ultimate Shadow version. Barrel length is 22 inches for Super Short Magnum chamberings and 24 inches for Short Magnum chamberings.

Weapon	Ammunition	Weight	Magazines	Price
<b>M-70 Super Shadow</b>	.243 Winchester Super Short Magnum	2.72 kg	4 Internal	\$961
<b>M-70 Super Shadow</b>	.25 Winchester Super Short Magnum	2.75 kg	4 Internal	\$1032
<b>M-70 Super Shadow</b>	.270 Winchester Short Magnum	2.86 kg	4 Internal	\$1350
<b>M-70 Super Shadow</b>	7mm Winchester Short Magnum	2.88 kg	4 Internal	\$1399
<b>M-70 Super Shadow</b>	.300 Winchester Short Magnum	2.94 kg	4 Internal	\$1585
<b>M-70 Super Shadow</b>	.325 Winchester Short Magnum	2.98 kg	4 Internal	\$1708
<b>M-70 Ultimate Shadow</b>	.243 Winchester	3.06 kg	5 Internal	\$1085
<b>M-70 Ultimate Shadow</b>	.25-06 Remington	3.2 kg	5 Internal	\$1377
<b>M-70 Ultimate Shadow</b>	.270 Winchester	3.27 kg	5 Internal	\$1566
<b>M-70 Ultimate Shadow</b>	7mm-08 Remington	3.18 kg	5 Internal	\$1355

M-70 Ultimate Shadow	7.62mm NATO	3.24 kg	5 Internal	\$1517
M-70 Ultimate Shadow	.30-06 Springfield	3.36 kg	5 Internal	\$1819
M-70 Ultimate Shadow	.270 Winchester Short Magnum	3.22 kg	4 Internal	\$1357
M-70 Ultimate Shadow	.300 Winchester Short Magnum	3.3 kg	4 Internal	\$1591
M-70 Ultimate Shadow	.325 Winchester Short Magnum	3.34 kg	4 Internal	\$1714
M-70 Ultimate Shadow	7mm Remington Magnum	3.33 kg	4 Internal	\$1626
M-70 Ultimate Shadow	.300 Winchester Magnum	3.57 kg	4 Internal	\$2459
M-70 Ultimate Shadow	.338 Winchester Magnum	3.63 kg	4 Internal	\$2681
M-70 Classic Ultimate Shadow	.223 Winchester Super Short Magnum	2.95 kg	4 Internal	\$855
M-70 Classic Ultimate Shadow	.243 Winchester Super Short Magnum	2.99 kg	4 Internal	\$946
M-70 Classic Ultimate Shadow	.25 Winchester Super Short Magnum	3.02 kg	4 Internal	\$1017
M-70 Classic Ultimate Shadow	.270 Winchester Short Magnum	3.18 kg	4 Internal	\$1357
M-70 Classic Ultimate Shadow	7mm Winchester Short Magnum	3.2 kg	4 Internal	\$1405
M-70 Classic Ultimate Shadow	.300 Winchester Short Magnum	3.26 kg	4 Internal	\$1591
M-70 Classic Ultimate Shadow	.325 Winchester Short Magnum	3.3 kg	4 Internal	\$1714

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-70 Super Shadow (.243 WSSM)	BA	3	1-2-Nil	7	3	Nil	100
M-70 Super Shadow (.25 WSSM)	BA	3	1-2-Nil	7	3	Nil	100
M-70 Super Shadow (.270 WSM)	BA	4	1-2-3	7	4	Nil	100
M-70 Super Shadow (7mm WSM)	BA	4	1-2-3	7	4	Nil	102
M-70 Super Shadow (.300 WSM)	BA	5	1-2-3	7	4	Nil	108
M-70 Super Shadow (.325 WSM)	BA	5	1-2-3	7	4	Nil	108
M-70 Ultimate Shadow (.243)	BA	3	2-Nil	6	3	Nil	68
M-70 Ultimate Shadow (.25-06)	BA	4	1-2-3	7	4	Nil	81
M-70 Ultimate Shadow (.270)	BA	4	2-3-Nil	7	4	Nil	71
M-70 Ultimate Shadow (7mm-08)	BA	4	2-3-Nil	7	4	Nil	80
M-70 Ultimate Shadow (7.62mm)	BA	4	2-3-Nil	7	4	Nil	82
M-70 Ultimate Shadow (.30-06)	BA	4	2-3-Nil	7	4	Nil	81
M-70 Ultimate Shadow (.270 WSM)	BA	4	1-2-3	7	4	Nil	103
M-70 Ultimate Shadow (.300 WSM)	BA	5	1-2-3	7	4	Nil	112
M-70 Ultimate Shadow (.325 WSM)	BA	5	1-2-3	7	4	Nil	112
M-70 Ultimate Shadow (7mm Magnum)	BA	4	1-2-3	8	4	Nil	100
M-70 Ultimate Shadow (.300 Win Magnum)	BA	5	1-2-3	8	4	Nil	104
M-70 Ultimate Shadow (.338 Magnum)	BA	6	1-3-Nil	8	5	Nil	120
M-70 Classic Ultimate Shadow (.223 WSSM)	BA	3	1-1-Nil	6	3	Nil	88
M-70 Classic Ultimate Shadow (.243 WSSM)	BA	3	1-2-Nil	6	3	Nil	94
M-70 Classic Ultimate Shadow (.25 WSSM)	BA	3	1-2-Nil	6	3	Nil	94
M-70 Classic Ultimate Shadow (.270 WSM)	BA	4	1-2-3	7	4	Nil	103
M-70 Classic Ultimate Shadow (7mm WSM)	BA	4	1-2-3	7	4	Nil	106
M-70 Classic Ultimate Shadow (.300 WSM)	BA	5	1-2-3	7	4	Nil	112
M-70 Classic Ultimate Shadow (.325 WSM)	BA	5	1-2-3	7	4	Nil	112



Winchester M-670

The Model 670 was designed to be (in real life terms) to be a budget-priced alternative to the M-70 series, and was introduced in 1967. Production kept going until 1973; during this time, only 20,000 M-670s were built, versus hundreds of thousands of the various types of 1<sup>st</sup>-version M-70s. The stock of the M-670 was of the same design of most of the 1<sup>st</sup> version M-70, but was made of cheaper beech with a finish designed to make it look like walnut. The action is for the most part like that of the M-70, though without the claw extractor that most 1<sup>st</sup> version M-70s had. The magazine has no floorplate. The cocking handle is normally folded completely down and folds into a recess in the stock, and when the selector is switched to fire, the handle pops out, making it easy to grasp and cycle. Originally, several chamberings of the M-670 were offered, but by 1971, only .243 Winchester and .30-06 Springfield remained. External metalwork is colored a polished blue. The standard M-670 uses a 22-inch barrel, but the Carbine version has a 20-inch barrel and reduced length of pull, and the Magnum version has a 24-inch barrel. All barrels are essentially plain, with standard-weight round profiles. The internal magazine of the M-670 is slightly smaller than the M-70 is most cases. The M-670 has iron sights as well as drilling and tapping, with the rear sight being a Williams notch-type adjustable sight and the front being a ramp.

Weapon	Ammunition	Weight	Magazines	Price
M-670	.225 Winchester	3.18 kg	4 Internal	\$843
M-670	.243 Winchester	3.39 kg	4 Internal	\$992
M-670	.270 Winchester	3.69 kg	4 Internal	\$1451
M-670	.30-06 Springfield	3.82 kg	4 Internal	\$1703
M-670 Carbine	.225 Winchester	3.16 kg	4 Internal	\$822
M-670 Carbine	.243 Winchester	3.37 kg	4 Internal	\$972
M-670 Carbine	.270 Winchester	3.67 kg	4 Internal	\$1430
M-670 Carbine	.30-06 Springfield	3.8 kg	4 Internal	\$1682
M-670 Magnum	.264 Winchester Magnum	3.65 kg	4 Internal	\$1352
M-670 Magnum	.300 Winchester Magnum	4 kg	4 Internal	\$2288

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-670 (.225)	BA	3	1-Nil	6	2	Nil	64
M-670 (.243)	BA	3	2-Nil	7	3	Nil	65
M-670 (.270)	BA	4	2-3-Nil	7	4	Nil	60
M-670 (.30-06)	BA	4	2-3-Nil	7	4	Nil	68
M-670 Carbine (.225)	BA	3	1-Nil	6	3	Nil	56
M-670 Carbine (.243)	BA	3	2-Nil	6	3	Nil	57
M-670 Carbine (.270)	BA	4	2-3-Nil	6	4	Nil	52
M-670 Carbine (.30-06)	BA	4	2-3-Nil	7	4	Nil	59
M-670 Magnum (.264 Magnum)	BA	4	1-2-3	7	4	Nil	79
M-670 Magnum (.300)	BA	5	2-3-Nil	7	4	Nil	89

Winchester M-770

Notes: Produced in small numbers from 1969-71, the M-770 sort of occupied a niche market between the M-670 and M-70: though not as refined as the M-70, it was not as inexpensive in real-world terms as the M-670. The M-770 retained the lack of a magazine floorplate, though the stock was of walnut, if low-quality, low-density walnut, with a decent finish. The stock profile was the same as on the standard M-70, though without checkering. The action was virtually identical to that of the M-70, and included a guide rib to use with stripper clips. External metalwork was generally medium-blued; barrels were round and of standard-profile, with standard chamberings (the M-770 Standard) having a 22-inch barrel and magnum chamberings (the M-770 Magnum) having a 24-inch barrel. The M-770 had no iron sights, but had the usual 1<sup>st</sup> version drilling and tapping. The M-770 was known for its low (some say *too* low) weight.

Weapon	Ammunition	Weight	Magazines	Price
M-770 Standard	.222 Remington	2.64 kg	4 Internal	\$772
M-770 Standard	.22-250 Remington	2.68 kg	4 Internal	\$837
M-770 Standard	.243 Winchester	2.76 kg	4 Internal	\$992
M-770 Standard	.270 Winchester	3.01 kg	4 Internal	\$1451
M-770 Standard	7.62mm NATO	3 kg	4 Internal	\$1422
M-770 Standard	.30-06 Springfield	3.12 kg	4 Internal	\$1703
M-770 Magnum	.264 Winchester Magnum	3 kg	3 Internal	\$1352
M-770 Magnum	7mm Remington Magnum	3.07 kg	3 Internal	\$1510
M-770 Magnum	.300 Winchester Magnum	3.29 kg	3 Internal	\$2288

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-770 Standard (.222)	BA	3	1-Nil	6	3	Nil	71



M-770 Standard (.22-250)	BA	3	1-Nil	6	3	Nil	65
M-770 Standard (.243)	BA	3	2-Nil	7	4	Nil	65
M-770 Standard (.270)	BA	4	2-3-Nil	7	5	Nil	60
M-770 Standard (7.62mm)	BA	4	2-3-Nil	7	5	Nil	79
M-770 Standard (.30-06)	BA	4	2-3-Nil	7	5	Nil	68
M-770 Magnum (.264 Magnum)	BA	4	1-2-3	7	5	Nil	79
M-770 Magnum (7mm Magnum)	BA	4	1-2-3	7	5	Nil	86
M-770 Magnum (.300 Win Magnum)	BA	5	2-3-Nil	8	5	Nil	89

Wichita Bolt-Action Rifle

Notes: One of the few products the Wichita Arms company makes, the Wichita Bolt-Action Rifle was introduced in 1977, and has been produced at a low rate since. The standard model is the Wichita Classic Rifle. They have an octagonal heavy barrel in a dense walnut stock with a low Monte Carlo comb and a slender pistol grip wrist. The pistol grip wrist and the fore-end have hand-cut checkering with spade bordering, and the pistol grip has a Niedner steel cap. The butt is equipped with a Pachmayr recoil pad. The trigger is an adjustable type made by Canjar. The receiver has high walls and there are three gas escape holes on the bolt. They have no iron sights, but are drilled and tapped. Wichita rifles are known for their quality and high price.

Variants include the Wichita Silhouette Rifle, introduced in 1983 and equipped with a gray Fiberthane composite stock. The barrel of the Silhouette Rifle is 24 inches (as opposed to the 21.2-inch barrel of the Classic Rifle), and has a high-Monte-Carlo comb and a deep, upright pistol grip wrist. The barrel is match-quality and heavy. The Wichita Stainless Magnum was introduced in 1980 and produced until 1987; it could have a 22-inch or 24-inch heavy barrel, and was designed for the firing of powerful long-action and magnum rounds. The Wichita Varmint Rifle used an extra-heavy 20.2-inch barrel, and was chambered for a variety of cartridges from 7.62mm NATO on down.

All of these rifles could be chambered for virtually any standard cartridge available (up to 72mm in total length), but I do not have a complete list.

Weapon	Ammunition	Weight	Magazines	Price
Classic	.17 Remington	3.18 kg	2 Internal	\$644
Classic	.220 Swift	3.8 kg	2 Internal	\$999
Classic	.222 Remington	3.57 kg	2 Internal	\$844
Classic	.222 Remington Magnum	3.64 kg	2 Internal	\$890
Classic	.22 PPC	3.48 kg	2 Internal	\$788
Classic	.22-250 Remington	3.68 kg	2 Internal	\$909
Classic	.25-06 Remington	4.34 kg	2 Internal	\$1334
Classic	.257 Roberts	4.2 kg	2 Internal	\$1227
Classic	6mm PPC	3.69 kg	2 Internal	\$864
Classic	.243 Remington	4.02 kg	2 Internal	\$1064
Classic	6mm Remington	4.12 kg	2 Internal	\$1130
Classic	7.62mm NATO	4.65 kg	2 Internal	\$1494
Silhouette	.17 Remington	3.02 kg	2 Internal	\$690
Silhouette	.222 Remington	3.39 kg	2 Internal	\$891
Silhouette	.222 Remington Magnum	3.46 kg	2 Internal	\$938
Silhouette	.22 PPC	3.31 kg	2 Internal	\$835
Silhouette	.22-250 Remington	3.5 kg	2 Internal	\$956
Silhouette	6mm PPC	3.51 kg	2 Internal	\$911
Silhouette	.243 Remington	3.82 kg	2 Internal	\$1112

Silhouette	6mm Remington	3.92 kg	2 Internal	\$1178
Silhouette	7.62mm NATO	4.42 kg	2 Internal	\$1543
Stainless Magnum (22" Barrel)	.270 Winchester	4.41 kg	2 Internal	\$1531
Stainless Magnum (24" Barrel)	.270 Winchester	4.45 kg	2 Internal	\$1552
Stainless Magnum (22" Barrel)	.280 Remington	4.48 kg	2 Internal	\$1590
Stainless Magnum (24" Barrel)	.280 Remington	4.52 kg	2 Internal	\$1611
Stainless Magnum (22" Barrel)	7mm Remington Magnum	4.46 kg	2 Internal	\$1570
Stainless Magnum (24" Barrel)	7mm Remington Magnum	4.5 kg	2 Internal	\$1591
Stainless Magnum (22" Barrel)	7x64mm Brenneke	4.47 kg	2 Internal	\$1575
Stainless Magnum (24" Barrel)	7x64mm Brenneke	4.51 kg	2 Internal	\$1596
Stainless Magnum (22" Barrel)	.300 Winchester Magnum	5.02 kg	2 Internal	\$2318
Stainless Magnum (24" Barrel)	.300 Winchester Magnum	5.06 kg	2 Internal	\$2381
Stainless Magnum (22" Barrel)	.30-06 Springfield	4.75 kg	2 Internal	\$1783
Stainless Magnum (24" Barrel)	.30-06 Springfield	4.79 kg	2 Internal	\$1804
Stainless Magnum (22" Barrel)	.30-338 Winchester Magnum	4.76 kg	2 Internal	\$1790
Stainless Magnum (24" Barrel)	.30-338 Winchester Magnum	4.8 kg	2 Internal	\$1811
Stainless Magnum (22" Barrel)	.338 Winchester Magnum	5.29 kg	2 Internal	\$2539
Stainless Magnum (24" Barrel)	.338 Winchester Magnum	5.33 kg	2 Internal	\$2602
Stainless Magnum (22" Barrel)	.358 Norma Magnum	5.54 kg	2 Internal	\$2778
Stainless Magnum (24" Barrel)	.358 Norma Magnum	5.58 kg	2 Internal	\$2840
Stainless Magnum (22" Barrel)	9.3x62mm Mauser	5.54 kg	2 Internal	\$2776
Stainless Magnum (24" Barrel)	9.3x62mm Mauser	5.58 kg	2 Internal	\$2838
Stainless Magnum (22" Barrel)	.416 Taylor	6.23 kg	2 Internal	\$3459
Stainless Magnum (24" Barrel)	.416 Taylor	6.27 kg	2 Internal	\$3522
Stainless Magnum (22" Barrel)	.458 Winchester Magnum	6.74 kg	2 Internal	\$4023
Stainless Magnum (24" Barrel)	.458 Winchester Magnum	6.78 kg	2 Internal	\$4086
Varmint	.17 Remington	3.18 kg	2 Internal	\$644
Varmint	.220 Swift	3.8 kg	2 Internal	\$999

Varmint	.222 Remington	3.57 kg	2 Internal	\$844
Varmint	.222 Remington Magnum	3.64 kg	2 Internal	\$890
Varmint	.22 PPC	3.48 kg	2 Internal	\$788
Varmint	.22-250 Remington	3.68 kg	2 Internal	\$909
Varmint	.25-06 Remington	4.34 kg	2 Internal	\$1334
Varmint	.257 Roberts	4.2 kg	2 Internal	\$1227
Varmint	6mm PPC	3.69 kg	2 Internal	\$863
Varmint	.243 Remington	4.02 kg	2 Internal	\$1064
Varmint	6mm Remington	4.12 kg	2 Internal	\$1130
Varmint	7.62mm NATO	4.65 kg	2 Internal	\$1494

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Classic (.17)	BA	2	1-Nil	6	2	Nil	52
Classic (.220)	BA	3	1-2-Nil	6	2	Nil	66
Classic (.222)	BA	3	1-Nil	6	2	Nil	70
Classic (.222 Magnum)	BA	3	1-1-Nil	6	2	Nil	79
Classic (.22)	BA	3	1-Nil	6	2	Nil	72
Classic (.22-250)	BA	3	1-Nil	6	2	Nil	63
Classic (.25-06)	BA	4	2-Nil	7	3	Nil	56
Classic (.257)	BA	3	2-Nil	6	3	Nil	63
Classic (6mm PPC)	BA	3	1-Nil	6	3	Nil	72
Classic (.243)	BA	3	2-Nil	6	2	Nil	64
Classic (6mm Remington)	BA	3	2-Nil	6	2	Nil	59
Classic (7.62mm)	BA	4	2-3-Nil	7	4	Nil	77
Silhouette (.17)	BA	2	1-Nil	6	2	Nil	61
Silhouette (.222)	BA	3	1-Nil	7	3	Nil	82
Silhouette (.222 Magnum)	BA	3	1-1-Nil	7	3	Nil	94
Silhouette (.22)	BA	3	1-Nil	7	3	Nil	85
Silhouette (.22-250)	BA	3	2-Nil	7	3	Nil	77

Silhouette (6mm PPC)	BA	3	2-Nil	7	3	Nil	84
Silhouette (.243)	BA	3	2-Nil	7	3	Nil	80
Silhouette (6mm Remington)	BA	3	2-Nil	7	4	Nil	74
Silhouette (7.62mm)	BA	4	2-3-Nil	7	4	Nil	96
Magnum Stainless (22", .270)	BA	4	2-3-Nil	7	4	Nil	63
Magnum Stainless (24", .270)	BA	4	2-3-Nil	7	4	Nil	71
Magnum Stainless (22", .280)	BA	4	2-3-Nil	7	4	Nil	64
Magnum Stainless (24", .280)	BA	4	2-3-Nil	7	4	Nil	73
Magnum Stainless (22", 7mm Magnum)	BA	4	1-2-3	7	4	Nil	78
Magnum Stainless (24", 7mm Magnum)	BA	4	1-2-3	7	4	Nil	89
Magnum Stainless (22", 7x64mm)	BA	4	1-2-3	7	4	Nil	78
Magnum Stainless (24", 7x64mm)	BA	4	1-2-3	7	4	Nil	89
Magnum Stainless (22", .300)	BA	5	2-3-Nil	7	4	Nil	81
Magnum Stainless (24", .300)	BA	5	2-3-Nil	7	4	Nil	92
Magnum Stainless (22", .30-06)	BA	4	2-3-Nil	7	4	Nil	71
Magnum Stainless (24", .30-06)	BA	4	2-3-Nil	7	4	Nil	81
Magnum Stainless (22", .30-338)	BA	5	1-2-3	7	4	Nil	85
Magnum Stainless (24", .30-338)	BA	5	1-2-3	7	4	Nil	97
Magnum Stainless (22", .338)	BA	6	1-3-Nil	7	4	Nil	93
Magnum Stainless (24", .338)	BA	6	1-3-Nil	8	5	Nil	106
Magnum Stainless (22", .358)	BA	6	1-3-Nil	7	5	Nil	98
Magnum Stainless (24", .358)	BA	6	1-3-Nil	8	5	Nil	112
Magnum Stainless (22", 9.3mm)	BA	5	2-4-Nil	7	5	Nil	82
Magnum Stainless (24", 9.3mm)	BA	5	2-4-Nil	8	5	Nil	93
Magnum Stainless (22", .416)	BA	7	1-3-5	8	5	Nil	98
Magnum Stainless (24", .416)	BA	7	1-3-5	8	5	Nil	112
Magnum Stainless (22", .458)	BA	7	1-3-5	8	5	Nil	98
Magnum Stainless (24", .458)	BA	8	1-3-5	8	5	Nil	112
Varmint (.17)	BA	2	1-Nil	6	2	Nil	52



Varmint (.220)	BA	3	1-2-Nil	6	2	Nil	66
Varmint (.222)	BA	3	1-Nil	6	2	Nil	70
Varmint (.222 Magnum)	BA	3	1-1-Nil	6	2	Nil	79
Varmint (.22)	BA	3	1-Nil	6	2	Nil	72
Varmint (.22-250)	BA	3	1-Nil	6	2	Nil	63
Varmint (.25-06)	BA	4	2-Nil	7	3	Nil	56
Varmint (.257)	BA	3	2-Nil	6	3	Nil	63
Varmint (6mm PPC)	BA	3	1-Nil	6	3	Nil	72
Varmint (.243)	BA	3	2-Nil	6	2	Nil	64
Varmint (6mm Remington)	BA	3	2-Nil	6	2	Nil	59
Varmint (7.62mm)	BA	4	2-3-Nil	7	4	Nil	77

**Browning BL-22**

Notes: This is a typical small-caliber lever-action rifle, grooved for tip-off scope mounts, and with a short-throw lever-action. The BL-22 can fire .22 Short, .22 Long, or .22 Long Rifle ammunition interchangeably, has a straight-wrist stock, and comes in several models. The standard BL-22 has a stock of American walnut and polished blued metalwork in its Grade I configuration; in Grade II configuration, the BL-22 uses finer wood, gold-plating on the trigger, checkering on the fore-end and wrist, and scroll engraving on the receiver. In both cases, the standard BL-22 has a 20-inch barrel. The BL-22 Classic has an octagonal heavy barrel, checkering on the fore-end and wrist, a nitride-finished receiver with scroll engraving, and an adjustable buckhorn rear sight with a gold bead front sight, with a 24-inch barrel.

The BL-22 Field comes in Grade I and II versions (denoting lower and higher levels of luxury); both have a satin-finished nickel receiver and a high-gloss-finished barrel, but the Grade II has a gold-plated trigger, checkering of the fore-end and wrist, and scroll engraving of the receiver, while the Grade I has a blued trigger, no checkering, and no engraving. The BL-22 Field uses a 20-inch barrel. Grade I and Grade II configurations are identical for game purposes.

A variant of the BL-22, the BL-17, fires the .17 Mach 2 Rimfire cartridge. These rifles are basically the same as the BL-22, and exist in the same variants, except for the caliber.

In 2011, Browning introduced the BL-22 Micro Midas. This is a shortened version of the BL-22, designed for young shooters. The Micro Midas is roughly the same as the standard BL-22 in its working parts, but the stock has a short 12-inch length of pull, an action lever with a shorter throw, a straight-wrist grip, and a 16.25-inch barrel with a recessed crown.

Twilight 2000 Notes: The BL-22 Field does not exist in the Twilight 2000 timeline, nor does the BL-17 or the BL-22 Micro Midas.

Weapon	Ammunition	Weight	Magazines	Price
BL-22 Standard	.22 Short, .22 Long, and .22 Long Rifle	2.27 kg	22 (.22 Short), 17 (.22 Long), 15 (.22 Long Rifle); Tubular	\$304
BL-22 Classic	.22 Short, .22 Long, and .22 Long Rifle	2.38 kg	22 (.22 Short), 17 (.22 Long), 15 (.22 Long Rifle); Tubular	\$351
BL-22 Field	.22 Short, .22 Long, and .22 Long Rifle	2.27 kg	22 (.22 Short), 17 (.22 Long), 15 (.22 Long Rifle); Tubular	\$304
BL-17 Standard	.17 Mach 2 Rimfire	2.32 kg	15 Tubular	\$479
BL-17 Classic	.17 Mach 2 Rimfire	2.44 kg	15 Tubular	\$526
BL-17 Field	.17 Mach 2 Rimfire	2.32 kg	15 Tubular	\$479
BL-22 Micro Midas	.22 Long Rifle	2.15 kg	15 Tubular	\$266

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
BL-22 Standard (.22 Short)	LA	-1	Nil	5	1	Nil	33
BL-22 Standard (.22 Long)	LA	1	Nil	5	1	Nil	37
BL-22 Standard (.22 Long Rifle)	LA	1	Nil	5	1	Nil	41
BL-22 Classic (.22 Short)	LA	-1	Nil	6	1	Nil	40
BL-22 Classic (.22 Long)	LA	1	Nil	6	1	Nil	45
BL-22 Classic (.22 Long Rifle)	LA	1	Nil	6	1	Nil	49
BL-22 Standard (.22 Short)	LA	-1	Nil	5	1	Nil	33
BL-22 Standard (.22 Long)	LA	1	Nil	5	1	Nil	37
BL-22 Standard (.22 Long Rifle)	LA	1	Nil	5	1	Nil	41
BL-17 Standard	LA	2	1-Nil	5	2	Nil	45
BL-17 Classic	LA	2	1-Nil	6	2	Nil	55
BL-22 Micro Midas	LA	1	Nil	4	1	Nil	33

**Browning BLR-81**

Notes: This is a sturdy lever-action rifle featuring a detachable magazine, a safety mechanism (unusual in lever-action rifles), and an artillery-style rotating bolt. The BLR is drilled and tapped for a scope, and the stock has a recoil pad. Though designed by Val Browning in Belgium, and prototypes were built by FN, the actual series production of the weapon was at first done by TRW in the US, and then done in Japan by Howa. (The TRW-made BLRs are quite rare, as few were made by TRW; to collectors, their RL price is quite high.) Stocks are of fairly fine hardwood, and use a short checkered fore-end. Safety features include a manual safety, a half-cock position, and a firing-pin safety. Changes made by Howa in 1981 include a flat-sided receiver, changed the forend to that it is flush with the underside of the barrel, and from a bolt with eight locking lugs to one with six slightly wider lugs. This was done to streamline and modernize the appearance as well as simplify manufacturing.

Variants include the BLR Lightweight '81, a lighter version of the BLR-81; this lighter weight is achieved by more advanced manufacturing methods and materials. It is also designed to use a greater variety of cartridges than the BLR-81, including some magnum rounds. Both use a traditional-style straight-wrist English-style stock. The BLR-81 Long-Action (also known as the BLR-81 Magnum) is meant for the firing of long and magnum cartridges; and was sold from 1991-95. As opposed to the standard 20-inch

barrel, the barrel of the Long-Action is 22 inches, or 24 inches in 7mm Remington Magnum. The BLR-81 Lightning was introduced in 1996, replacing all other BLRs (except for the Lightweight, which came along in about 2000); it comes in standard-length and long-action models, and have 22-inch barrels. They also have a pistol-grip wrist and rounded fore-end.

Twilight 2000 Notes: The BLR Lightweight '81 is not available in the Twilight 2000 timeline, nor is the Lightning.

Weapon	Ammunition	Weight	Magazines	Price
BLR-81	.222 Remington	3.2 kg	4	\$1283
BLR-81	5.56mm NATO	3.26 kg	4	\$1320
BLR-81	.22-250 Remington	3.37 kg	4	\$1414
BLR-81	.243 Winchester	3.74 kg	4	\$1726
BLR-81	.257 Roberts	3.95 kg	4	\$2054
BLR-81	7mm-08 Remington	3.88 kg	4	\$2265
BLR-81	7.62mm NATO	4.01 kg	4	\$2589
BLR-81	.358 Winchester	5.07 kg	4	\$3827
BLR-81 Long-Action	.270 Winchester	3.85 kg	4	\$2730
BLR-81 Long-Action	7mm Remington Magnum	3.92 kg	4	\$2828
BLR-81 Long-Action	.30-06 Springfield	4.17 kg	4	\$3233
BLR-81 Lightning	.22-250 Remington	3.17 kg	4	\$1503
BLR-81 Lightning	5.56mm NATO	3.09 kg	4	\$1410
BLR-81 Lightning	.243 Winchester	3.46 kg	4	\$1814
BLR-81 Lightning	.270 Winchester	4.22 kg	4	\$2730
BLR-81 Lightning	7mm-08 Remington	3.95 kg	4	\$2350
BLR-81 Lightning	7.62mm NATO	4.19 kg	4	\$2673
BLR-81 Lightning	.30-06 Springfield	4.59 kg	4	\$3233
BLR-81 Lightning	.300 Winchester Magnum	4.8 kg	4	\$3834
BLR Lightweight '81	.22-250 Remington	2.95 kg	4	\$1414
BLR Lightweight '81	.243 Winchester	3.15 kg	4	\$1726
BLR Lightweight '81	.270 Winchester Short Magnum	3.42 kg	4	\$2247
BLR Lightweight '81	.270 Winchester	3.68 kg	4	\$2667
BLR Lightweight '81	7mm-08 Remington	3.36 kg	4	\$2236
BLR Lightweight '81	7mm Winchester Short Magnum	3.46 kg	4	\$2345
BLR Lightweight '81	7mm Remington Magnum	3.84 kg	4	\$2766
BLR Lightweight '81	7.62mm NATO	3.48 kg	4	\$2589
BLR Lightweight '81	.30-06 Springfield	3.56 kg	4	\$3173
BLR Lightweight '81	.300 Winchester Short Magnum	3.2 kg	4	\$2716
BLR Lightweight '81	.300 Winchester Magnum	3.8 kg	4	\$3836
BLR Lightweight '81	.325 Winchester Short Magnum	3.29 kg	4	\$2962
BLR Lightweight '81	.358 Winchester	3.27 kg	4	\$3827
BLR Lightweight '81	.450 Marlin	3.18 kg	4	\$1414

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
BLR-81 (.222)	LA	3	1-Nil	6	3	Nil	57
BLR-81 (5.56mm)	LA	3	1-Nil	6	3	Nil	55
BLR-81 (.22-250)	LA	3	1-Nil	6	3	Nil	51
BLR-81 (.243)	LA	3	2-Nil	6	3	Nil	52
BLR-81 (.257)	LA	3	2-Nil	6	4	Nil	50
BLR-81 (7mm-08)	LA	4	2-3-Nil	6	4	Nil	61
BLR-81 (7.62mm)	LA	4	2-3-Nil	7	4	Nil	62
BLR-81 (.358)	LA	5	2-3-Nil	7	4	Nil	62
BLR-81 Long-Action (.270)	LA	4	2-3-Nil	7	4	Nil	55
BLR-81 Long-Action (7mm Rem Mag)	LA	4	1-2-3	7	4	Nil	78
BLR-81 Long-Action (.30-06)	LA	4	2-3-Nil	7	3	Nil	62
BLR-81 Lightning (.22-250)	LA	3	1-Nil	6	3	Nil	59
BLR-81 Lightning (5.56mm)	LA	3	1-Nil	6	3	Nil	63
BLR-81 Lightning (.243)	LA	3	2-Nil	6	3	Nil	60
BLR-81 Lightning (.270)	LA	4	2-3-Nil	7	3	Nil	55
BLR-81 Lightning (7mm-08)	LA	4	2-3-Nil	7	3	Nil	70
BLR-81 Lightning (7.62mm)	LA	4	2-3-Nil	7	3	Nil	72

BLR-81 Lightning (.30-06)	LA	4	2-3-Nil	7	3	Nil	62
BLR-81 Lightning (.300 Win Mag)	LA	5	2-3-Nil	7	3	Nil	71
BLR Lightweight '81 (.22-250)	LA	3	1-Nil	6	3	Nil	51
BLR Lightweight '81 (.243)	LA	3	2-Nil	6	3	Nil	52
BLR Lightweight '81 (.270 WSM)	LA	4	1-2-3	7	4	Nil	80
BLR Lightweight '81 (.270 Win)	LA	4	2-3-Nil	7	4	Nil	55
BLR Lightweight '81 (7mm-08)	LA	4	2-Nil	6	4	Nil	62
BLR Lightweight '81 (7mm WSM)	LA	4	1-2-3	7	4	Nil	93
BLR Lightweight '81 (7mm Rem Mag)	LA	4	1-2-3	7	4	Nil	78
BLR Lightweight '81 (7.62mm)	LA	4	2-3-Nil	6	4	Nil	62
BLR Lightweight '81 (.30-06)	LA	4	2-3-Nil	7	5	Nil	62
BLR Lightweight '81 (.300 WSM)	LA	5	1-2-3	7	5	Nil	86
BLR Lightweight '81 (.300 Win Mag)	LA	5	2-3-Nil	7	4	Nil	81
BLR Lightweight '81 (.325)	LA	5	1-2-3	7	5	Nil	86
BLR Lightweight '81 (.358)	LA	5	2-3-Nil	7	5	Nil	62
BLR Lightweight '81 (.450)	LA	5	1-2-Nil	6	4	Nil	75

**Browning 1886 Sporting Rifle**

Notes: This is a modern replica of Winchester 1886 rifle, introduced in 1886. It is a more-or-less faithful replica, except for the modern construction methods being used; as a result, it has the old-style styling and an octagonal barrel, with a blued receiver. It was however built to more precise standards. Like many FN/Browning weapons, the actual series production was done by Miroku in Japan, with final finishing done in Belgium. Initial production was done only from 1986-87, but an additional batch of 7000 were built in 1992 due to customer demand.

Some more updated versions were also built. The Model 71 Carbine is the same as the rifle, but with only a 20-inch barrel and firing .348 Winchester cartridges. The Model 71 Rifle was also the same, but had a 24-inch barrel. Both used round heavy barrels and also came in High Grade deluxe versions. The Grade I Carbine had a 22-inch barrel. In addition, several deluxe versions of each weapon were built, including the Montana Centennial version, the Grade II Carbine, and the Grade II rifle.

These rifles were not actually built in Belgium; they were sub-contracted to Miroku in Japan, the same company that makes Howa rifles.

Weapon	Ammunition	Weight	Magazines	Price
Browning 1886	.45-70 Government	4.26 kg	8 Tubular	\$1476
Model 71 Carbine	.348 Winchester	3.54 kg	4 Tubular	\$4034
Model 71 Rifle	.348 Winchester	3.7 kg	4 Tubular	\$4159
Grade I Carbine	.45-70 Government	3.76 kg	8 Tubular	\$1436

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Browning 1886	LA	4	2-3-Nil	7	4	Nil	92
Model 71 Carbine	LA	5	2-3-Nil	6	5	Nil	65
Model 71 Rifle	LA	5	2-4-Nil	7	6	Nil	85
Grade I Carbine	LA	4	2-3-Nil	6	4	Nil	72

**Browning 1895 Sporting Rifle**

Notes: This replica is of the 1895 Winchester rifle (originally designed by John Browning). For some reason, the original rifles were chambered for .30-06 Springfield (a cartridge that did not exist in 1895), but after 6000 guns were built, Browning switched to the original caliber, .30-40 Krag. The .30-40 Krag chambering actually proved to be less popular with modern buyers, and only 2000 were built (though more are still being made).

Construction is of blued steel with straight-wristed walnut furniture. The barrel is a full 24 inches, and sighting is through a spring-leaf and elevator sight. As with most of the FN/Browning designs, the actual production was subcontracted to Miroku in Japan, with final finishing done in Belgium.

A variant of the Model 1895, the Model 1895 High Grade Rifle, was built from 1984-85. This version had elaborate engraving and scrollwork on the receiver, along with select-grade walnut carrying hand-checkering on the wrist and fore-end. This deluxe version was made in both chamberings in small numbers, but they are identical to the standard versions for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
Browning 1895	.30-06 Springfield	3.75 kg	4	\$3178
Browning 1895	.30-40 Krag	3.63 kg	4	\$2969

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Browning 1895 (.30-06)	LA	4	2-3-Nil	7	4	Nil	71
Browning 1895 (.30-40)	LA	4	2-3-Nil	7	4	Nil	76

**Browning B-92**

Notes: The B-92 (also known as the M-92 or Model 92) is another replica, this time of a Winchester 1892 carbine. It is a classically-styled weapon, different only in manufacturing methods. Most have blued steel metalwork with a 20-inch barrel, and a spring-leaf-and-elevator rear sight. Stocks are of walnut with a straight wrist; the wrist and fore-end are checkered.

A few variants were built: the Model 53 Rifle fires .32-20 Winchester Centerfire ammunition, and has a longer 22-inch rifle. The Model 65 Grade I fires the tiny .218 Bee cartridge through a 24-inch barrel. And a deluxe version of the basic carbine, called the Model 65 High Grade, was also built.

Some “minor” variants include the B-92 Centennial Model in .44 Magnum and the BCA (Browning Collectors’ Association) Commemorative Edition in .357 and .44 Magnum. These are identical to their non-commemorative counterparts for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
B-92	.357 Magnum	2.72 kg	11 Tubular	\$670
B-92	.44 Magnum	3.02 kg	11 Tubular	\$868
Model 53	.32-20 Winchester	2.64 kg	7 Tubular	\$592
Model 65 Grade I	.218 Bee	3.38 kg	11 Tubular	\$1102

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
B-92 (.357)	LA	3	1-Nil	5	3	Nil	56
B-92 (.44)	LA	4	1-Nil	6	3	Nil	56
Model 53	LA	2	1-Nil	6	2	Nil	63
Model 65 Grade I	LA	3	1-Nil	7	3	Nil	70

**Browning/Winchester 1886 Extra Light**

Notes: This is a reproduction of the Winchester 1886 Extra Light carbine. The Browning/Winchester reproduction has lines and features similar if not the same as the original, and includes an exposed hammer, a round standard-weight barrel, and a straight-wrist stock. The capped fore-end are of American Walnut. The only visible design difference id the rebounding hammer (the original has a half-cock safety). The tang still has a safety lever on it. Sights are simple buckhorn rear and a gold bead front sight, neither of which are adjustable. The trigger pull is known to be lighter than one would expect from such a rifle, and the trigger and grip dimensions are almost ergonomic. The Browning/Winchester reproduction is chambered in only one caliber, as opposed to nine chamberings of the original.

Weapon	Ammunition	Weight	Magazines	Price
Browning/Winchester 1886	.45-70 Government	3.29 kg	5 Tubular	\$1439

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Browning/Winchester 1886	LA	4	2-3-Nil	6	4	Nil	72



Rossi 92SRC

Notes: This is an imported Argentine rifle, often seen in the "spaghetti westerns" of the 1950s and 60s. It is patterned after the 1892 Winchester, with top ejection. This unfortunately makes it difficult to attach a sight.

Weapon	Ammunition	Weight	Magazines	Price
Rossi 92SRC	.357 Magnum	2.61 kg	8 Tubular	\$672
Rossi 92SRC	.44-40 Winchester	2.94 kg	8 Tubular	\$881
Rossi 92SRC	.44 Magnum	2.91 kg	8 Tubular	\$871

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Rossi 92SRC (.357)	LA	3	1-1-Nil	5	3	Nil	56
Rossi 92SRC (.44-40)	LA	3	1-Nil	6	3	Nil	56
Rossi 92SRC (.44)	LA	4	1-1-Nil	6	3	Nil	56

Rossi Circuit Judge

Notes: This is an interesting sort of rifle – it is one of those rare firearms that start as revolvers and are then built up into rifles. And that's what the Circuit Judge is – a Taurus “The Judge” revolver that has had a carbine-length barrel added, sights (fiberoptic on the front), a fore-end, and a recoil pad on the butt. Barrels are short at 18.5 inches.

The Circuit Judge Synthetic uses synthetic furniture, including a thumbhole stock instead of a solid stock. Atop the receiver is a flattop bar with an attached MIL-STD-1913 rail. Under the front of the fore-end is a very short length of rail, just enough for the attachment of a bipod or laser pointer. The Circuit Judge Synthetic fires any/all of three cartridges. A second type of Circuit Judge Synthetic fires rimfire rounds and has a Mannlicher cheek swell. Metalwork is blued.

The Circuit Judge in .44 Magnum has a hardwood stock with polishing, a deep pistol grip wrist, and a high Mannlicher-style cheekpiece. The fore-end is likewise hardwood. There are sling swivels on the fore-end and under the stock. Atop the action is a MIL-STD-1913 rail. Sights are as on the Synthetic. Another version of the Circuit Judge include a version which fires a variety of .410 shells as well as .45 Long Colt. The finish on this version, however, is stainless steel and unblued. The third Circuit Judge is similar, but cannot fire 2.75” shells; otherwise, and this version has a 22” barrel. Yet another Circuit Judge uses the revolver base, but is operated by lever action. The Circuit Judge Tuffy has a skeletonized synthetic stock with a recoil pad, a fore-end with a short length of MIL-STD-1913 rail underneath, a split rail atop the cylinder strap, and a true pistol grip.

The Trail Judge is a true lever action; it *is* in fact a pistol (legally, anyway), with an abbreviated wood stock and a 12-inch barrel. It is included here for completeness, though to me it seems more like an SBR of sorts. Finish may be blued or stainless. The barrel is rifled, but this does not affect range in T2K terms.

Weapon	Ammunition	Weight	Magazines	Price
Circuit Judge Synthetic	.45 Long Colt, .410 Gauge 2.75”, and .410 Gauge 2.5”	2.13 kg	6 Cylinder	\$474
Circuit Judge Synthetic	.22 Long Rifle and .22 Winchester Magnum Rimfire	2.13 kg	6 Cylinder	\$329
Circuit Judge	.44 Magnum	2.35 kg	6 Cylinder	\$440
Circuit Judge	28 Gauge 2.75” and 2.5”	2.55 kg	5 Cylinder	\$392
Circuit Judge	.45 Long Colt, .410 Gauge 3”, .410 Gauge 2.75”, .410 Gauge 2.5”	2.42 kg	5 Cylinder	\$473
Circuit Judge	.45 Long Colt, .410 Gauge 3”, .410 Gauge 2.5”	2.42 kg	5 Cylinder	\$508
Circuit Judge Lever-Action	.45 Long Colt, .410 Gauge 3”, .410 Gauge 2.75”, .410 Gauge 2.5”	2.4 kg	5 Cylinder	\$1002
Circuit Judge Tuffy	.45 Long Colt, .410 Gauge 3”, .410 Gauge 2.75”, .410 Gauge 2.5”	2.13 kg	5 Cylinder	\$1015
Trail Judge	.410 Gauge 2.5”	1.81 kg	4 Tubular	\$471

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Circuit Judge Synthetic (.45 LC)	DAR	5	2-4-Nil	5	7	Nil	52
Circuit Judge Synthetic (.410 2.5”)	DAR	2/1d8x6	1-Nil/Nil	5	3	Nil	23
Circuit Judge Synthetic (.410 2.75”)	DAR	2/1d8x6	1-Nil/Nil	5	3	Nil	27
Circuit Judge Synthetic (.22 LR)	DAR	1	Nil	5	1	Nil	38
Circuit Judge Synthetic (.22 WMR)	DAR	1	Nil	5	1	Nil	47
Circuit Judge (.44)	DAR	4	1-1-Nil	5	3	Nil	62
Circuit Judge (28 GA 2.75”)	DAR	3/1d6x12 or 2d6x4	2-Nil/Nil or Nil	6	3	Nil	30
Circuit Judge (28 GA 2.5”)	DAR	3/1d6x12 or 2d6x4	2-Nil/Nil or Nil	6	3	Nil	25

Circuit Judge (.45 LC)	DAR	5	2-4-Nil	5	7	Nil	52
Circuit Judge (.410, 3")	DAR	2/1d8x6	1-Nil/Nil	5	3	Nil	31
Circuit Judge (.410, 2.75")	DAR	2/1d8x6	1-Nil/Nil	5	3	Nil	27
Circuit Judge (.410, 2.5")	DAR	2/1d8x6	1-Nil/Nil	5	3	Nil	23
Circuit Judge (.45, 22" Barrel)	DAR	5	2-4-Nil	6	3	Nil	74
Circuit Judge (.410, 3", 22" Barrel)	DAR	2/1d8x6	1-Nil/Nil	6	3	Nil	32
Circuit Judge (.410, 2.5", 22" Barrel)	DAR	2/1d8x6	1-Nil/Nil	6	3	Nil	23
Circuit Judge Lever Action (.45 LC)	LA	3	1-1-Nil	5	3	Nil	52
Circuit Judge Lever Action (.410, 3")	LA	2/1d6x8	1-Nil/Nil	5	3	Nil	25
Circuit Judge Lever Action (.410, 2.75")	LA	2/1d6x8	1-Nil/Nil	5	3	Nil	22
Circuit Judge Lever Action (.410, 2.5")	LA	2/1d6x8	1-Nil/Nil	5	3	Nil	19
Circuit Judge Lever Action (.45 LC)	DAR	3	1-1-Nil	5	3	Nil	52
Circuit Judge Lever Action (.410, 3")	DAR	2/1d6x8	1-Nil/Nil	5	3	Nil	25
Circuit Judge Lever Action (.410, 2.75")	DAR	2/1d6x8	1-Nil/Nil	5	3	Nil	22
Circuit Judge Lever Action (.410, 2.5")	DAR	2/1d6x4	1-Nil/Nil	5	3	Nil	19
Trail Judge	LA	2/1d6x4	1-Nil/Nil	4	2	Nil	11

Rossi Puma

Notes: Essentially a modification of John Browning's Model 92 Winchester, the first Puma was introduced in 1976. Though the first Pumas were given the designation of "Model 67," they were often called the "Model 92" (whether mistakenly or otherwise) due their resemblance to John Browning's rifle. The Puma is essentially an old-style lever-action rifle, with a straight-wrist stock, a loading gate on the right side with a spring-loaded cover, and a half-length fore-end. The exposed hammer used a half-cock safety as well as a conventional manual safety. Construction was largely of steel with some brass touches, and polished walnut woodwork. The barrels were 20 inches long, with a full-length tubular magazine underneath.

The Model 65 was the first Puma to enter production in July 1976; the Model 67 could fire .357 Magnum and .38 Special ammunition interchangeably, even to the extent of mixing the different ammunition types in the magazine. Though they had normal serial numbers until December of that year, a "K" was added at the beginning of the number string to differentiate it from the Model 77 (see later in this entry). In July 1977, a lighter and less expensive version of the Model 67 was introduced; this was the Model 77, which could fire only .38 Special ammunition. As with the Model 67, they started out with standard-type serial numbers, but in December of 1977 they had a "B" added to the front of their serial number string.

Though variants of the Puma firing various .44 calibers had been experimented since the introduction of the Model 67, they were not produced commercially until the early 1980s. This was the Model 65, which could chamber .44 Magnum or .44-40 Winchester interchangeably. They were, unfortunately, never made in great quantities, though they were built until 1989.

At this point, Rossi licensed the Puma name a design to the US firm of Legacy Arms. In the mid-1990s, they began producing their own Pumas, calling them the Model 92 series; these versions use a longer 24-inch octagonal barrel. Though they started out making the standard Puma chamberings (except for the .38 Special-only version), they quickly began producing versions with 20-inch and 16-inch round barrels (which they call carbine versions), as well as .44 Magnum, .480 Ruger and .454 Casull carbines with 18-inch round barrels. Through the years have produced Pumas in some quite powerful chamberings, with the last being the .480 Ruger chambering introduced in 2004.

The El Jefe goes to the other extreme, chambered in rimfire; it has a 20-inch round barrel and a wood stock with a blued finish. The magazine is closed and fixed so that it may only be loaded and unloaded through the loading gate/ejection port. Like the others, it is drilled and tapped for a scope mount.

Twilight 2000 Notes: The Legacy Puma does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Model 65	.357 Magnum and .38 Special	3.71 kg	10 Tubular	\$660
Model 77	.38 Special	3.52 kg	10 Tubular	\$637
Model 67	.44 Magnum and .44-40 Winchester	4.31 kg	10 Tubular	\$827
Legacy Model 92	.357 Magnum and .38 Special	3.62 kg	10 Tubular	\$740
Legacy Model 92	.44 Magnum and .44-40 Winchester	4.21 kg	10 Tubular	\$897
Legacy Model 92	.45 Long Colt	4.33 kg	10 Tubular	\$947
Legacy Model 92	.454 Casull	4.41 kg	10 Tubular	\$984
Legacy Model 92	.480 Ruger	4.44 kg	9 Tubular	\$996
Legacy Model 92 Carbine (16")	.357 Magnum and .38 Special	3.35 kg	10 Tubular	\$610
Legacy Model 92 Carbine (20")	.357 Magnum and .38 Special	3.45 kg	10 Tubular	\$650
Legacy Model 92 Carbine (18")	.44 Magnum and .44-40 Winchester	3.97 kg	10 Tubular	\$797
Legacy Model 92 Carbine (20")	.44 Magnum and .44-40 Winchester	4.01 kg	10 Tubular	\$817
Legacy Model 92 Carbine (16")	.45 Long Colt	4 kg	9 Tubular	\$824
Legacy Model 92 Carbine (20")	.45 Long Colt	4.12 kg	10 Tubular	\$864

Legacy Model 92 Carbine (18")	.454 Casull	4.16 kg	9 Tubular	\$882
Legacy Model 92 Carbine (20")	.454 Casull	4.2 kg	10 Tubular	\$902
Legacy Model 92 Carbine (18")	.480 Ruger	4.19 kg	9 Tubular	\$896
Legacy Model 92 Carbine (20")	.480 Ruger	4.23 kg	10 Tubular	\$916
Model 92 El Jefe	.22 Long Rifle	1.27 kg	22 Tubular	\$304

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 65 (.38)	LA	2	1-Nil	5	2	Nil	54
Model 65 (.357)	LA	3	1-Nil	5	3	Nil	67
Model 77	LA	2	1-Nil	5	2	Nil	54
Model 67 (.44)	LA	4	1-Nil	6	2	Nil	67
Model 67 (.44-40)	LA	3	1-Nil	6	2	Nil	56
Legacy Model 92 (.38)	LA	2	1-Nil	6	2	Nil	68
Legacy Model 92 (.357)	LA	3	1-Nil	6	2	Nil	84
Legacy Model 92 (.44)	LA	4	1-Nil	6	2	Nil	84
Legacy Model 92 (.44-40)	LA	3	1-Nil	6	2	Nil	71
Legacy Model 92 (.45)	LA	3	1-Nil	6	2	Nil	70
Legacy Model 92 (.454)	LA	4	1-2-Nil	6	2	Nil	87
Legacy Model 92 (.480)	LA	5	1-2-Nil	6	3	Nil	84
Legacy Model 92 Carbine (16" .38)	LA	2	1-Nil	5	2	Nil	42
Legacy Model 92 Carbine (20" .38)	LA	2	1-Nil	5	2	Nil	54
Legacy Model 92 Carbine (16" .357)	LA	3	1-Nil	5	2	Nil	53
Legacy Model 92 Carbine (20" .357)	LA	3	1-Nil	5	3	Nil	67
Legacy Model 92 Carbine (18" .44)	LA	4	1-Nil	5	2	Nil	60
Legacy Model 92 Carbine (20" .44)	LA	4	1-Nil	6	2	Nil	67
Legacy Model 92 Carbine (18" .44-40)	LA	3	1-Nil	5	3	Nil	51
Legacy Model 92 Carbine (20" .44-40)	LA	3	1-Nil	6	2	Nil	56
Legacy Model 92 Carbine (16" .45)	LA	3	2-Nil	5	3	Nil	44
Legacy Model 92 Carbine (20" .45)	LA	3	2-Nil	6	3	Nil	56
Legacy Model 92 Carbine (18" .454)	LA	4	1-2-Nil	5	3	Nil	62
Legacy Model 92 Carbine (20" .454)	LA	4	1-2-Nil	6	3	Nil	69
Legacy Model 92 Carbine (18" .480)	LA	5	1-2-Nil	5	3	Nil	60
Legacy Model 92 Carbine (20" .480)	LA	5	1-2-Nil	6	3	Nil	67
Model 92 El Jefe	LA	1	Nil	5	2	Nil	41

Rossi Ranch Hand

Notes: OK, the Ranch Hand – It’s not a rifle, and not really a pistol (though in the US it is legally a pistol). What you have here is a type of firearm called a “mare’s leg” – a lever-action rifle based on the Model 92 with a much-abbreviated barrel and magazine and an equally-abbreviated stock. It has a large lever loop to make it easier to cock with one hand, and it is meant to be fired with one hand (though two are better). In addition, there is a saddle ring on the right side of the receiver. It does have sights – a gold-bead front sight and a buckhorn rear. The butt of the stocklet (is that even a word?) has a steel plate, so theoretically could be fired from the shoulder, but the short LOP really prevents this in anyone bigger than a child. In the end, the Ranch Hand seems to me to be a more personal last-ditch defensive weapon or something just for fun. Receiver finishes are color-case hardened or blued; even on the color-case hardened models, the barrels, magazines, butt plates, levers, and triggers are all blued.

Weapon	Ammunition	Weight	Magazines	Price
Ranch Hand	.38 Special/.357 Magnum	1.81 kg	6 Tubular	\$567
Ranch Hand	.44 Magnum	1.81 kg	6 Tubular	\$708
Ranch Hand	.45 Long Colt	1.81 kg	6 Tubular	\$841

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ranch Hand (.38)	LA	2	1-Nil	2	4	Nil	26
Ranch Hand (.357)	LA	3	1-1-Nil	2	4	Nil	32
Ranch Hand (.44)	LA	4	1-1-Nil	2	4	Nil	32
Ranch Hand (.45)	LA	3	1-Nil	3	4	Nil	32

Rossi Rio Grande

Notes: The Rio Grande is one of Rossi’s newest lever-action offerings. Stocks and pump slides are of walnut, with ventilated rubber recoil pads on the butt; one version of the .30-30 chambering is an exception, as it has synthetic camouflaged furniture. The receivers are topped with a short length of MIL-STD-1913 rail; iron sights consists of a narrow, high blade front and an adjustable

notch rear. Barrels are uniformly 20 inches in length, but chamberings vary. Finishes also vary; the .45-70 exposed metalwork is blued or in stainless steel (a bow to customer demand), while some are either or. All have exposed hammers; the .45-70 chambering has an enlarged loop lever.

The Rio Grande Blue Rifle is one of “either or” Rio Grandes, at first finished only in blued metal work (though stainless steel came later). The Blue Rifle has a large, loop lever of a style originally made for use from horseback. Like the rest of the Rio Grande line, the Blue Rifle tries to keep as much as possible to authentic Old West standards, even to having the capability to fire blackpowder rounds; however, the Rio Grande is an amalgam of old and new. The sights are of the buckhorn type and the stock is finished in a hardwood-type finish (though the stock and slide are walnut. The safety borrows from Taurus’s design for safeties for lever-action rifles.

The Rio Grande Stainless in .410 Gauge fires smaller shotgun shells. It's essentially a lever-action shotgun. The “Stainless” moniker refers to the metalwork, which is stainless steel. The Stainless .410 is also available in blued stainless steel for the external metalwork. The standard choke is Full, and there are no removable muzzle tubes. The Rio Grande Black .410 has it's internal metalwork finished in gloss black.

The Rio Grande Stainless in .30-30 is similar to other stainless steel rifles in the series, including being able to get a blued finish over the stainless steel.

The Rio Grande Synthetic has a synthetic stock, but is otherwise the same as other .30-30 Rio Grandes. It is of course lighter, and finish is medium gray, except for the metalwork, which may be stainless or blued over stainless.

Weapon	Ammunition	Weight	Magazines	Price
Rio Grande Blue Rifle	.45-70 Government	2.63 kg	6 Tubular	\$1494
Rio Grande Stainless	.410 Gauge 2.75"	2.63 kg	6 Tubular	\$626
Rio Grande Stainless	.30-30 Winchester	3.18 kg	6 Tubular	\$829
Rio Grande Synthetic	.30-30 Winchester	2.81 kg	6 Tubular	\$841

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Rio Grande Blue Rifle	LA	4	2-Nil	6	4	Nil	62
Rio Grande (.410 Gauge)	LA	2/1d6x8	1-Nil/Nil	6	3	Nil	24
Rio Grande (.30-30)	LA	4	2-3-Nil	6	4	Nil	62
Rio Grande Synthetic	LA	4	2-3-Nil	6	4	Nil	62

Rossi Gallery Rifle

Notes: This pump-action small-caliber rifle was based on the Winchester Model 62. Production of the first version, the Model 37, began in 1962, and is still in production. The stock and grooved slide lever are of polished hardwood and the stock has a straight wrist. Though the profile is noticeably compact and slim, it does have a slab-sided receiver with metalwork of steel and with brass touches on certain parts such as the trigger guard and the exposed hammer. The hammer has a half-cock safety, with an interlock preventing firing until the action is securely locked. Feed is from a long underbarrel magazine.

In the US, the Rossi Gallery series is primarily sold through Interarms, though they usually still carry the Rossi name. As said, the Model 37 was the first version; it chambers .22 Short, .22 Long, and .22 Long Rifle interchangeably. The barrel is 23 inches long, and the sights consist of a front blade and a rear spring-leaf and elevator adjustable sight. In 1980, a version with stainless steel metalwork and a higher quality of brass was introduced.

The Model 57 Gallery Junior was introduced in 1970. Unlike other Gallery series rifles, the Model 57 was sold in the US by Harrington & Richardson (and called the Model 749 by H&R), and in the US primarily carried the H&R name. The Model 57 was sold primarily sold in the US, and sales elsewhere were quite limited. For that matter, sales in the US were never high. The Model 57 was basically a Model 37 with a short 16.5-inch barrel, and the tubular magazine ended level with the muzzle. The Model 57 is the only member of the Gallery series which is no longer manufactured, with production ending in 1972. However, an improved version, the Model 73 Gallery Junior II, was introduced in 1975 (but not distributed in the US by H&R). The Model 73 is still being manufactured.

The Model 59 Gallery Magnum is also essentially a Model 37, but it is rechambered for the .22 Winchester Magnum Rimfire cartridge, and the magazine is shortened somewhat. Though slightly longer than the Model 37, this is primarily due to the longer action required to chamber the longer cartridges.

Weapon	Ammunition	Weight	Magazines	Price
Model 37	.22 Short, .22 Long, and .22 Long Rifle	2.42 kg	13 (.22 Long Rifle), 16 (.22 Long), 20 (.22 Short); Tubular	\$294
Model 57	.22 Short, .22 Long, and .22 Long Rifle	2.22 kg	13 (.22 Long Rifle), 16 (.22 Long), 20 (.22 Short); Tubular	\$228
Model 59	.22 Winchester Magnum Rimfire	2.36 kg	10 Tubular	\$326
Model 73	.22 Short, .22 Long, and .22 Long Rifle	2.09 kg	13 (.22 Long Rifle), 16 (.22 Long), 20 (.22 Short); Tubular	\$229

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 37 (.22 Short)	PA	-2	Nil	5	1	Nil	32
Model 37 (.22 Long)	PA	-1	Nil	5	1	Nil	35

Model 37 (.22 Long Rifle)	PA	1	Nil	5	1	Nil	46
Model 57 (.22 Short)	PA	-2	Nil	4	1	Nil	23
Model 57 (.22 Long)	PA	-1	Nil	4	1	Nil	26
Model 57 (.22 Long Rifle)	PA	1	Nil	4	1	Nil	34
Model 59	PA	1	Nil	6	1	Nil	72
Model 73 (.22 Short)	PA	-2	Nil	4	1	Nil	23
Model 73 (.22 Long)	PA	-1	Nil	4	1	Nil	26
Model 73 (.22 Long Rifle)	PA	1	Nil	4	1	Nil	34



Sako VL-63 Finnwolf

Notes: This is a lever-action rifle built in small-numbers between 1959 and 1962. It was fed from a box-magazine rather than the tubular-magazine that is normal for lever-action rifles; this allowed the weapon to fire more modern pointed-nose bullets. This also allowed the Finnwolf to use the half-stock that so many Sako rifles already used. The VL-73 used a staggered-box magazine to allow it to fit flush with the bottom of the stock, but is otherwise the same.

Weapon	Ammunition	Weight	Magazines	Price
VL-63 Finnwolf	.243 Winchester	3.06 kg	4	\$1753
VL-63 Finnwolf	7.62mm NATO	4.49 kg	4	\$2612

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
VL-63 Finnwolf (.243)	LA	3	2-Nil	7	3	Nil	63
VL-63 Finnwolf (7.62mm)	LA	4	2-3-Nil	7	4	Nil	76

Erma EG-712

Notes: This light German carbine is unusual in that it is high-capacity for a lever-action weapon. It does not fire an exceptionally powerful cartridge, but the barrel is of good length and it has decent range. It is basically a German copy of the Winchester Model 94, with an exposed hammer and rails for a scope mount. The EG-712 is designed for .22 Short, .22 Long, of .22 Long Rifle rounds (interchangeably); the EG-73 is a rare variant designed for the .22 Winchester Magnum Rimfire round.

Twilight 2000 Notes: The EG-73 was a common sight in the hands of Western European youths.

Weapon	Ammunition	Weight	Magazines	Price
EG-712	.22 Short, .22 Long, and .22 Long Rifle	2.4 kg	21 (.22 Short), 17 (.22 Long), 15 (.22 Long Rifle; Tubular)	\$289
EG-73	.22 Winchester Magnum Rimfire	2.49 kg	12 Tubular	\$360

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
EG-712 (.22 Short)	LA	-2	Nil	5	1	Nil	31
EG-712 (.22 Long)	LA	1	Nil	5	1	Nil	35
EG-712 (.22 Long Rifle)	LA	1	Nil	5	1	Nil	38
EG-73	LA	1	Nil	5	1	Nil	50

**JB Custom 1892 Mare's Leg**

Notes: A rifle in every other aspect but its barrel length, the 1892 Mare's Leg is officially classified as a pistol by US law, but is essentially a short-barreled lever-action rifle. It has a half-length buttstock. Versions come in 12-inch barrel (with 6-round capacity) and 10.5-inch barrel (3-round capacity) versions. They feature a large loop-type throw lever, a short stock and butt, a straight wrist, an adjustable rear semi-buckhorn sight, a dovetailed front bead sight, and a saddle ring. Furniture is wood. The rifle (pistol) is sold as a limited edition. JB Custom 1892 Mare's Leg is actually built by Rossi, for export.

Weapon	Ammunition	Weight	Magazines	Price
1892 Mare's Leg (12" Barrel)	.357 Magnum	1.81 kg	6 Tubular	\$641
1892 Mare's Leg (12" Barrel)	.44 Magnum	2.06 kg	6 Tubular	\$839
1892 Mare's Leg (12" Barrel)	.44-40 Winchester	2.07 kg	6 Tubular	\$849
1892 Mare's Leg (12" Barrel)	.45 Long Colt	2.14 kg	6 Tubular	\$916
1892 Mare's Leg (10.5" Barrel)	.357 Magnum	1.69 kg	3 Tubular	\$577
1892 Mare's Leg (10.5" Barrel)	.44 Magnum	1.92 kg	3 Tubular	\$776
1892 Mare's Leg (10.5" Barrel)	.44-40 Winchester	1.93 kg	3 Tubular	\$785
1892 Mare's Leg (10.5" Barrel)	.45 Long Colt	2 kg	3 Tubular	\$852

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
1892 Mare's Leg (12", .357)	LA	3	1-Nil	3	4	Nil	56
1892 Mare's Leg (12", .44)	LA	4	1-Nil	3	4	Nil	56
1892 Mare's Leg (12", .44-40)	LA	3	1-Nil	3	4	Nil	56
1892 Mare's Leg (12", .45)	LA	3	1-Nil	3	4	Nil	56
1892 Mare's Leg (10.5", .357)	LA	3	1-Nil	2	3	Nil	28
1892 Mare's Leg (10.5", .44)	LA	4	1-Nil	2	4	Nil	28
1892 Mare's Leg (10.5", .44-40)	LA	2	1-Nil	2	4	Nil	28
1892 Mare's Leg (10.5", .45)	LA	3	1-Nil	2	4	Nil	28

## Cimarron Model 1865

Notes: The Cimarron Model 1865 is a modern replica of the Spencer 1865 Repeating Carbine; it is a replica than reproduction because the Cimarron version fires both modern and blackpowder ammunition, uses modern manufacturing methods and materials, and can fire several cartridges the original Spencer Carbine could not – and the Cimarron version does not fire the original proprietary .56-56 rimfire cartridge that the original Spencer Carbine fired. (It does fire the .56-50 Spencer centerfire cartridge however – a cartridge that many Spencers were converted to fire after its introduction.) The Cimarron reproduction also comes in a rifle version. Though the Cimarron Model 1865 can fire both modern-propellant and blackpowder cartridges, I have included only modern propellant cartridges in the stats below. The Cimarron 1865 looks externally virtually identical to the original Spencer, with a color-case hardened finish for its receiver, hammer, trigger, and cocking lever, and a blued barrel. The Cimarron version has a stock and fore-end of better-quality walnut than was found on the original Spencer. The carbine versions use a 20-inch barrel and have side-mounted saddle rings; the rifle version uses a 30-inch barrel and does not have saddle rings. The action of the Cimarron version is much simplified over that of the original Spencer, and operates more smoothly than the original (jamming of the action was a common complaint of users of the original Spencer Carbine). As with the original, the Cimarron 1865's tubular magazine is located in the buttstock. Like the original, the Cimarron replica does not have a spent case ejection system and does not really eject spent shells – they simply fall out of the action when the cocking lever is cycled, and it is therefore best if the shooter angles the barrel upwards while cocking to ensure that spent shells do not get caught in the receiver, and one should also snap the lever smartly back to its firing position.

The magazine capacity of the Cimarron replica is nominally seven rounds; it should be noted, however, that due to Italian law, plugs were inserted in the Cimarron 1865s sold in Italy and initial versions sold in the US that allowed only five rounds in the magazine. Cimarron is currently beginning to ship Model 1865s to the US with a magazine capacity of seven rounds, and plans to sell kits in the US that increase the capacity of those initial batches of Cimarron 1865s to seven rounds.

Weapon	Ammunition	Weight	Magazines	Price
Cimarron 1865 Carbine	.56-50 Spencer	3.74 kg	7 Tubular	\$963
Cimarron 1865 Carbine	.44-40 Winchester	3.76 kg	7 Tubular	\$882
Cimarron 1865 Carbine	.45 S&W Schofield	3.76 kg	7 Tubular	\$843
Cimarron 1865 Carbine	.45 Long Colt	3.76 kg	7 Tubular	\$949
Cimarron 1865 Rifle	.56-50 Spencer	4.45 kg	7 Tubular	\$1065

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Cimarron 1865 Carbine (.56-50)	LA	3	2-Nil	6	3	Nil	51
Cimarron 1865 Carbine (.44-40)	LA	3	1-Nil	6	3	Nil	56
Cimarron 1865 Carbine (.45 S&W Schofield)	LA	3	1-Nil	6	3	Nil	52
Cimarron 1865 Carbine (.45 Long Colt)	LA	3	1-Nil	6	3	Nil	67
Cimarron 1865 Rifle	LA	3	2-Nil	8	2	Nil	82

## Uberti Henry Rifle

Notes: This is a replica of the original 1860 Henry rifle. This replica is capable of firing both blackpowder and smokeless powder loads; the smokeless powder loads are reflected in the statistics below. The Uberti Henry shares the 1860 Henry's reputation for accuracy (given the limitations of the cartridges used), as well as reliability. The stock of the Uberti Henry is made of a red-finished wood, with a bright brass receiver and blued barrel and magazine. Shortcomings include a barrel that rapidly grows too hot to handle when used with blackpowder; and a magazine follower that travels down the tubular magazine as the magazine is emptied, changing the balance and feel of the weapon and sometimes traveling into the action when the magazine is nearly emptied.

Weapon	Ammunition	Weight	Magazines	Price
Uberti Henry	.44-40 Winchester	4.15 kg	13 Tubular	\$926
Uberti Henry	.45 Long Colt	4.26 kg	13 Tubular	\$993

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Uberti Henry (.44-40)	LA	3	1-Nil	6	2	Nil	70
Uberti Henry (.45)	LA	3	1-Nil	7	2	Nil	69

## Uberti Model 1866 Yellowboy

Notes: This is a modern replica of the Model 1866 Winchester, which was itself essentially an improved version of the Henry rifle of that period. Like the original Winchester, the receiver is of brass, with a brass frame and butt plate, which give the carbine its "Yellowboy" moniker. However, the barrel of the carbine version of the Uberti model is 19 inches long, while the barrel of the original Winchester is nearly 20 inches. Uberti also makes a "short rifle" version of the Yellowboy, which does have a 20-inch barrel, and a full-sized rifle, with a 24.25-inch barrel. The Winchester fired primarily .44 Rimfire rounds (though some were chambered for .44 Henry Centerfire), while the Uberti replica fires more modern cartridges (whether propelled by blackpowder or modern propellants). The saddle ring of the original is absent. The rear sight is a fixed folding leaf sight, and the front sight is a blade-type. The rear sight

is, however, dovetailed, minor adjustments may be made this way.

Weapon	Ammunition	Weight	Magazines	Price
1866 Yellowboy Carbine	.38 Special	2.91 kg	10 Tubular	\$619
1866 Yellowboy Carbine	.44-40 Winchester	3.26 kg	10 Tubular	\$873
1866 Yellowboy Carbine	.45 Long Colt	3.35 kg	10 Tubular	\$939
1866 Yellowboy Short Rifle	.38 Special	2.94 kg	11 Tubular	\$630
1866 Yellowboy Short Rifle	.44-40 Winchester	3.29 kg	11 Tubular	\$883
1866 Yellowboy Short Rifle	.45 Long Colt	3.38 kg	11 Tubular	\$950
1866 Yellowboy Rifle	.38 Special	3.04 kg	13 Tubular	\$673
1866 Yellowboy Rifle	.44-40 Winchester	3.4 kg	13 Tubular	\$926
1866 Yellowboy Rifle	.45 Long Colt	3.49 kg	13 Tubular	\$993

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
1866 Yellowboy Carbine (.38)	LA	2	1-Nil	5	3	Nil	51
1866 Yellowboy Carbine (.44-40)	LA	3	1-Nil	6	3	Nil	53
1866 Yellowboy Carbine (.45)	LA	3	1-Nil	6	3	Nil	53
1866 Yellowboy Short Rifle (.38)	LA	2	1-Nil	6	3	Nil	54
1866 Yellowboy Short Rifle (.44-40)	LA	3	1-Nil	6	3	Nil	56
1866 Yellowboy Short Rifle (.45)	LA	3	1-Nil	6	3	Nil	56
1866 Yellowboy Rifle (.38)	LA	2	1-Nil	6	3	Nil	66
1866 Yellowboy Rifle (.44-40)	LA	3	1-Nil	6	3	Nil	70
1866 Yellowboy Rifle (.45)	LA	3	1-Nil	7	3	Nil	69

Cimarron Model 1873 Carbine

Notes: This rifle is a modern reproduction of the Winchester Model 1873 Carbine. Appearance, form, fit, and finish are all virtually identical to the Winchester, but the Cimarron reproduction differs in several points. The front sight is integral with the barrel band; this simplifies production, but also means that is the barrel band becomes loose, the front sight wanders. The Cimarron lacks the cleaning rod in the stock that the Winchester had. The barrel is only 19 inches, as opposed to the 20-inch barrel of the original. Original Winchester 1873 Carbines were chambered for either .38 Winchester Centerfire or .44 Winchester Centerfire blackpowder cartridges, but the Cimarron reproductions are chambered for cartridges using modern propellants.

Weapon	Ammunition	Weight	Magazines	Price
Cimarron 1873 Carbine	.32-20 Winchester	3.21 kg	10 Tubular	\$566
Cimarron 1873 Carbine	.38-40 Winchester	3.29 kg	10 Tubular	\$765
Cimarron 1873 Carbine	.357 Magnum	3.39 kg	10 Tubular	\$665
Cimarron 1873 Carbine	.44 Special	3.62 kg	10 Tubular	\$798
Cimarron 1873 Carbine	.44-40 Winchester	3.74 kg	10 Tubular	\$873
Cimarron 1873 Carbine	.45 Long Colt	3.84 kg	10 Tubular	\$939

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Cimarron 1873 Carbine (.32-20)	LA	2	1-Nil	5	1	Nil	54
Cimarron 1873 Carbine (.38-40)	LA	2	1-Nil	5	2	Nil	48
Cimarron 1873 Carbine (.357)	LA	3	1-Nil	5	2	Nil	53
Cimarron 1873 Carbine (.44)	LA	3	1-Nil	6	3	Nil	51
Cimarron 1873 Carbine (.44-40)	LA	3	1-Nil	6	3	Nil	53
Cimarron 1873 Carbine (.45)	LA	3	1-Nil	6	3	Nil	53

Cimarron Model 1873 Rifle

Notes: Just as the Model 1873 Carbine is an almost-exact modern reproduction of the Winchester Model 1873 Carbine, the Cimarron Model 1873 Rifle is a near-reproduction of the Winchester Model 1873 Rifle. The receiver, lever, hammer, and trigger are all case-hardened color. The barrel is a 24-inch tapered octagonal one, which is the proper length for a Winchester 1873 Rifle. The stock is of walnut, where the originals were generally of whatever hardwood one could find at a decent price at the time, oil-finished to a dark shine. The stock is made of wood which is very straight-grained, unlike the stocks of the original Winchester, which had a lot of wood-grain. Options for the Cimarron version include Fancy (AA) and Super Fancy (AAA) deluxe versions, and a hand-checked butt, pistol grip wrist, and fore-end, none of which were available on the original Winchester. The sights are somewhat different (but very similar) than those of the original model, with a semi-buckhorn rear sight and a dovetailed front blade. The trigger pull is hard at 6 pounds, but this is like the trigger of the original Winchester rifle. The safety is harder to activate and deactivate than that of the original.

Weapon	Ammunition	Weight	Magazines	Price
Cimarron 1873 Rifle	.32-20 Winchester	4.04 kg	12 Tubular	\$623



<b>Cimarron 1873 Rifle</b>	.38-40 Winchester	4.14 kg	12 Tubular	\$842
<b>Cimarron 1873 Rifle</b>	.357 Magnum	4.27 kg	12 Tubular	\$722
<b>Cimarron 1873 Rifle</b>	.44 Special	4.56 kg	12 Tubular	\$855
<b>Cimarron 1873 Rifle</b>	.44-40 Winchester	4.71 kg	12 Tubular	\$930
<b>Cimarron 1873 Rifle</b>	.45 Long Colt	4.84 kg	12 Tubular	\$997

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Cimarron 1873 Rifle (.32-20)</b>	LA	2	1-Nil	6	1	Nil	71
<b>Cimarron 1873 Rifle (.38-40)</b>	LA	3	1-Nil	6	2	Nil	70
<b>Cimarron 1873 Rifle (.357)</b>	LA	3	1-Nil	6	2	Nil	84
<b>Cimarron 1873 Rifle (.44)</b>	LA	3	1-Nil	6	2	Nil	68
<b>Cimarron 1873 Rifle (.44-40)</b>	LA	3	1-Nil	7	2	Nil	71
<b>Cimarron 1873 Rifle (.45)</b>	LA	3	1-Nil	7	2	Nil	70

### Uberti Model 1873 Sporting Rifle

Notes: This is an Italian replica of the Winchester 1873 Sporting Rifle. The Uberti replica is a faithful reproduction, but is not exact; the lockwork is better with more reliability, and it fires a cartridge based on smokeless powder. Externally, it looks just like the original, with a case-hardened finish to the receiver and lever and a dark oil-finished walnut stock and fore-end. The rear sights are of the adjustable ladder-type, while the front sight is fixed. A version of this rifle is also chambered for .357 Magnum, though the original was not.

In 2005, Uberti chambered a version of the 1873 Sporting Rifle in .45 Long Colt – something Winchester never did because of the intense rivalry at the time between Winchester and Colt. This version is capable of handling both blackpowder rounds and rounds based on modern propellants, and bullets of varying weights. The lever is slightly larger, because Uberti found that shooters these days actually have, on the average, larger hands than in 1873.

Twilight 2000 Notes: The .45 Long Colt versions do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
<b>Uberti 1873</b>	.44-40 Winchester	3.7 kg	13 Tubular	\$926
<b>Uberti 1873</b>	.357 Magnum	3.4 kg	13 Tubular	\$718
<b>Uberti 1873</b>	.45 Long Colt	3.85 kg	13 Tubular	\$993

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Uberti 1873 (.44-40)</b>	LA	3	1-Nil	6	3	Nil	70
<b>Uberti 1873 (.357)</b>	LA	3	1-2-Nil	6	2	Nil	83
<b>Uberti 1873 (.45)</b>	LA	3	1-Nil	7	3	Nil	69

### Uberti Model 1876 Centennial

Notes: Uberti's 1876 Centennial rifle is a reproduction of the original Winchester 1876 rifle, and is as adept at shooting rounds with modern propellant as firing blackpowder rounds. (The primary market is, in fact, the Cowboy Action community, but the 1876 Centennial also makes a fine sporting rifle.) The firing data is, as always, for modern-propellant loads; one day, I may do some blackpowder loads. The 1876 Centennial is designed for high-caliber, old-style straight-walled rounds that were popular in the original Winchester 1876 rifle. The octagonal barrel and full-length tubular magazine are faithfully represented. The heavy barrel is a full 28 inches long. Finish for the receiver and lever are color-case hardened, while the other metalwork is blued. One improvement over the original is a sliding dust cover that can be pulled over the receiver, and that retracts automatically when the lever-action is cycled for the first shot. (Just ensure that if you close the cover between shots, you slide the cover open again before you fire again...) The action is considered to be very smooth even by picky shooters. There are two manual safeties; one is a hammer-blocking safety lever and the other is a clamp that holds the cocking lever in place until it is disengaged. The stock and fore-end are of A-grade walnut; the stock uses a straight-wrist design, again like the original; the butt is also curved with a metal buttplate.

Weapon	Ammunition	Weight	Magazines	Price
<b>Model 1876</b>	.45-60 Winchester	4.54 kg	11 Tubular	\$1373
<b>Model 1876</b>	.45-75 Winchester	4.54 kg	11 Tubular	\$1528
<b>Model 1876</b>	.50-95 Winchester	4.54 kg	11 Tubular	\$1702

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Model 1876 (.45-60)</b>	LA	4	2-Nil	8	4	Nil	97
<b>Model 1876 (.45-75)</b>	LA	4	2-3-Nil	8	4	Nil	104
<b>Model 1876 (.50-95)</b>	LA	4	2-3-Nil	8	4	Nil	98

### Uberti Silverboy

Notes: The Silverboy was introduced in late 2012; it is a rimfire rifle with a mechanism so reliable that the Silverboy may be held at

any angle, including upside down, and still feed and function reliably. The name “Silverboy” comes from its receiver and cocking lever, which are made from chrome-plated light alloy. The 19-inch barrel is blued, and the stock and fore-end are of hardwood (most likely birch) given a finish to look like walnut. Unlike most Uberti designs, the Silverboy is not a replica, but a new design.

Weapon	Ammunition	Weight	Magazines	Price
Silverboy	.22 Long Rifle	2.63 kg	14 Tubular	\$294
Silverboy	.22 Winchester Magnum Rimfire	2.77 kg	14 Tubular	\$358

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Silverboy (.22 LR)	LA	1	Nil	5	1	Nil	39
Silverboy (.22 Magnum)	LA	1	Nil	5	1	Nil	58

Chaparral Winchester Reproductions

Notes: Chaparral Arms is a company that specializes in reproductions of Old West firearms, like the Winchester 1873. Chaparral's Winchester 1873 is a very accurate reproduction, though chamberings are sometimes different than the original. It is also able to fire both modern propellant and blackpowder loads. Chaparral's Winchester 1873 is made in rifle, short rifle and carbine versions; the barrels of the rifle and short rifle are heavy octagonal, while the carbine barrel is blued. The rifles have 24.25-inch barrels, the short rifles have 20-inch barrels, while the carbines use 19-inch barrels. The barrels and magazine tubes are blued; the rest of the metalwork is color case-hardened. The wooden stock has a sharply curved butt. The hammer is exposed.

The Chaparral Winchester 1866 is essentially the same as the 1873 in game terms, but has several differences in design. The drop of the stock is more pronounced, the metalwork is finished in blue for the barrel and brass for the rest of the metalwork. The lever loop is smaller, and the sights are a bit different. For game purposes, however, the 1866 is identical to the 1873.

The Chaparral Winchester 1876 is quite different in design and chambering than the 1873 or 1866. It is a reproduction of the Winchester 1876, also called the Centennial Model, and is sort of a larger version of the 1873, designed for longer, more powerful cartridges. Versions include the NWMP Carbine, with a 22-inch round barrel and a near full-length stock (little more than the muzzle peeks out of the fore-end). The 1876 Rifle comes in versions with 28, 26, or 22-inch heavy octagonal barrels (so the 22-inch version is technically a carbine, though it is called a rifle on the Chaparral site). The rifles have blued barrels and tube magazines and color-case-hardened metalwork, while on the NWMP Carbine, the metalwork is all-blued. All have a saddle ring attached.

Weapon	Ammunition	Weight	Magazines	Price
1873 Rifle	.357 Magnum	3.72 kg	13	\$724
1873 Rifle	.38 Special	3.72 kg	13	\$679
1873 Rifle	.45 Long Colt	3.72 kg	13	\$999
1873 Short Rifle	.357 Magnum	3.49 kg	10	\$680
1873 Short Rifle	.38 Special	3.49 kg	10	\$635
1873 Short Rifle	.45 Long Colt	3.49 kg	10	\$955
1873 Carbine	.357 Magnum	3.36 kg	10	\$665
1873 Carbine	.38 Special	3.36 kg	10	\$619
1873 Carbine	.45 Long Colt	3.36 kg	10	\$939
1876 NWMP Carbine	.45-75 Winchester Centerfire	3.63 kg	8	\$1274
1876 Rifle (28" Rifle)	.40-60 Winchester Centerfire	4.67 kg	11	\$1145
1876 Rifle (28" Rifle)	.45-60 Winchester Centerfire	4.67 kg	11	\$1373
1876 Rifle (28" Rifle)	.45-75 Winchester Centerfire	4.67 kg	11	\$1373
1876 Rifle (28" Rifle)	.50-95 Winchester Centerfire	4.67 kg	11	\$1681
1876 Rifle (26" Rifle)	.40-60 Winchester Centerfire	4.45 kg	11	\$1124
1876 Rifle (26" Rifle)	.45-60 Winchester Centerfire	4.45 kg	11	\$1353
1876 Rifle (26" Rifle)	.45-75 Winchester Centerfire	4.45 kg	11	\$1353
1876 Rifle (26" Rifle)	.50-95 Winchester Centerfire	4.45 kg	11	\$1660
1876 Rifle (22" Rifle)	.40-60 Winchester Centerfire	4.22 kg	9	\$1082
1876 Rifle (22" Rifle)	.45-60 Winchester Centerfire	4.22 kg	9	\$1310
1876 Rifle (22" Rifle)	.45-75 Winchester Centerfire	4.22 kg	9	\$1301
1876 Rifle (22" Rifle)	.50-95 Winchester Centerfire	4.22 kg	9	\$1618

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
1873 Rifle (.357 Magnum)	LA	3	1-Nil	7	2	Nil	85
1873 Rifle (.38 Special)	LA	2	1-Nil	7	2	Nil	68
1873 Rifle (.45 Long Colt)	LA	3	1-Nil	7	3	Nil	85
1873 Short Rifle (.357 Magnum)	LA	3	1-Nil	6	2	Nil	70
1873 Short Rifle (.38 Special)	LA	2	1-Nil	6	2	Nil	55
1873 Short Rifle (.45 Long Colt)	LA	3	1-Nil	6	3	Nil	70
1873 Carbine (.357 Magnum)	LA	3	1-Nil	6	2	Nil	64
1873 Carbine (.38 Special)	LA	2	1-Nil	6	2	Nil	51
1873 Carbine (.45 Long Colt)	LA	3	1-Nil	6	3	Nil	64
1876 NWMP Carbine	LA	6	2-4-Nil	7	6	Nil	58
1876 Rifle (28", .40-60)	LA	6	2-4-Nil	8	5	Nil	97
1876 Rifle (28", .45-60)	LA	5	2-Nil	8	4	Nil	97
1876 Rifle (28", .45-75)	LA	6	2-4-Nil	8	6	Nil	97
1876 Rifle (28", .50-70)	LA	4	2-3-Nil	8	4	Nil	98
1876 Rifle (26", .40-60)	LA	5	2-4-Nil	8	6	Nil	89
1876 Rifle (26", .45-60)	LA	4	2-Nil	8	4	Nil	90
1876 Rifle (26", .45-75)	LA	6	2-4-Nil	8	6	Nil	90
1876 Rifle (26", .50-70)	LA	4	2-3-Nil	8	4	Nil	91

1876 Rifle (22", .40-60)	LA	5	2-4-Nil	7	6	Nil	74
1876 Rifle (22", .45-60)	LA	4	2-Nil	7	4	Nil	74
1876 Rifle (22", .45-75)	LA	6	2-4-Nil	7	6	Nil	74
1876 Rifle (22", .50-70)	LA	4	2-3-Nil	7	4	Nil	74

Forkin/Marlin 1894

Notes: These are Marlin 1894 lever-action rifles modified by Ben Forkin, a noted Montana gunsmith. His first such “mini-Guide Gun” was chambered for the .475 Linebaugh cartridge. It uses a carbine-length 16-inch Pac-Nor barrel, a through-bolt, and a thick Kick-Eeze recoil pad, with a C&H Mercury tube in the stock to further dampen recoil. The sights are of the ghost-ring type, with a bead front instead of the usual ramped post. Several years later, Bob Forkin modified the design to fire the .50 Action Express cartridge; this version is actually lighter than the .475 Linebaugh model, since the walls of the barrel are simply bored out to the new caliber and are thinner than the .475 Linebaugh version. In addition, the Mercury tube in the stock is removed, to further reduce the weight and reduce the complexity (and cost) of the weapon.

Twilight 2000 Notes: Bob Forkin still lives in Montana, and makes modifications of many weapons, including these.

Weapon	Ammunition	Weight	Magazines	Price
Forkin/Marlin 1894	.475 Linebaugh	3.37 kg	6 Tubular	\$1251
Forkin/Marlin 1894	.50 Action Express	3.06 kg	6 Tubular	\$1128

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Forkin/Marlin 1894 (.475)	LA	5	1-2-Nil	6	2	Nil	53
Forkin/Marlin 1894 (.50)	LA	5	1-2-Nil	5	3	Nil	53

Henry Big Boy

Notes: Though this appears to be a reproduction of some 19<sup>th</sup> century lever-action rifle, the Big Boy is in fact a new, 21<sup>st</sup> century design, albeit with a rather nostalgic look. The Big Boy is a side-ejection lever-action rifle with a tubular underbarrel magazine, flat-topped receiver, brass-finished metal parts and fine walnut stock and forearm. It basically looks like an Old West firearm. However, it does have several un-Old-West features, like a magazine loaded by withdrawing a spring-loaded plunger from the front of the tube. While this is common on .22 lever action rifles, it is not on other calibers. This feature means that the Big Boy can chamber and fire both .44 Magnum and .44 Special rounds. Case ejection is easy, basically dumping the cases on the ground under the rifle.

Twilight 2000 Notes: This rifle does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Big Boy	.44 Magnum and .44 Special	3.86 kg	10 Tubular	\$670

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Big Boy (.44 Magnum)	LA	4	1-Nil	5	2	Nil	56
Big Boy (.44 Special)	LA	2	1-Nil	5	2	Nil	54

Henry Golden Boy

Notes: Like most of Henry Repeating Arms’ designs, the Golden Boy is built to look like something out of days of yore, but with modern manufacturing methods. It is a rimfire weapon with a straight-wrist, oil-finished American walnut stock, a receiver finished in a bright metal finish called “Brasslite” by Henry, and a bright, lustrous blue finish on the rest of the metalwork. It is a fairly heavy rifle for a .22, but has a heavy 20-inch octagonal barrel (20.5 inches for the .22 Magnum version), an adjustable buckhorn rear sight, and a front sight with a brass bead insert, all of which contribute to stability and accuracy. The action has been described by firearms expert Flint Hansen as “smooth as melted butter on glass,” but he also says that the trigger pull is just a little heavy, and that the drop at the comb is a bit to much (of course, this depends upon how the shooter is built). Variants include an all-blued version (identical to the standard version for game purposes), and a version with a large loop-type lever handle (also identical for game purposes). There is also the Golden Boy Engraved, a deluxe version with extremely intricate engraving on the receiver, tang, and buttplate. It is also identical for game purposes, though in real life, it is an extremely expensive, limited-edition rifle.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Golden Boy	.17 Hornady Magnum Rimfire	3.06 kg	11 Tubular	\$605
Golden Boy	.22 Short, .22 Long, and .22 Long Rifle	3.06 kg	21 (.22 Short), 19 (.22 Long), 16 (.22 Long Rifle); Tubular	\$309
Golden Boy	.22 Winchester Magnum Rimfire	3.06 kg	12 Tubular	\$377

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Golden Boy (.17)	LA	2	1-Nil	5	1	Nil	53
Golden Boy (.22 Short)	LA	-2	Nil	5	1	Nil	34

Golden Boy (.22 Long)	LA	-1	Nil	5	1	Nil	38
Golden Boy (.22 Long Rifle)	LA	1	Nil	5	1	Nil	42
Golden Boy (.22 Magnum)	LA	1	Nil	5	1	Nil	54



**JB Custom 1892 Mare's Leg**

Notes: A rifle in every other aspect but its barrel length, the 1892 Mare's Leg is officially classified as a pistol by US law, but is essentially a short-barreled lever-action rifle. Versions come in 12-inch barrel (with 6-round capacity) and 10.5-inch barrel (3-round capacity) versions. They feature a large loop-type throw lever, a short stock and butt, a straight wrist, an adjustable rear semi-buckhorn sight, a dovetailed front bead sight, and a saddle ring. Furniture is wood. The rifle (pistol) is sold as a limited edition.

Weapon	Ammunition	Weight	Magazines	Price
1892 Mare's Leg (10.5" Barrel)	.357 Magnum	1.9 kg	3 Tubular	\$552
1892 Mare's Leg (12" Barrel)	.357 Magnum	1.98 kg	6 Tubular	\$568

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
1892 Mare's Leg (10.5")	LA	3	1-Nil	2	2	Nil	24
1892 Mare's Leg (12")	LA	3	1-Nil	2	3	Nil	29

**Mossberg 464**

Notes: Resembling the Winchester Model 94, the Model 464 is an old-style, straight-wristed lever-action rifle, and the real-world cost is much less than a Winchester 94. There are numerous differences between the two: a top-tang manual safety, a hammer block safety, a rebounding hammer system and a safety that blocks the trigger unless the lever is in the fully closed position. Construction is of zinc alloy for the receiver, and a barrel, bolt, hammer, and lever of polished blued steel. The tubular magazine is matte black finished; many say it does not match the rest of the rifle, but this is a purely aesthetic consideration. The furniture is of walnut-dyed birch, with a ribbed rubber plate on the butt. The receiver is grooved for a scope mount, but the iron sights are adjustable and of excellent quality, with a buckhorn rear sight and a black front sight post. The front sight post is protected by a removable hood and the front sight is also removable.

Weapon	Ammunition	Weight	Magazines	Price
Mossberg 464 (18" Barrel)	.30-30 Winchester	3.04 kg	7 Tubular	\$727
Mossberg 464 (20" Barrel)	.30-30 Winchester	3.73 kg	7 Tubular	\$747
Mossberg 464 (18" Barrel)	.22 Long Rifle	2.49 kg	14 Tubular	\$284
Mossberg 464 (20" Barrel)	.22 Long Rifle	3.06 kg	7 Tubular	\$304

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mossberg 464 (18" .30-30)	LA	4	2-3-Nil	6	5	Nil	53
Mossberg 464 (20" .30-30)	LA	4	2-3-Nil	6	4	Nil	62
Mossberg 464 (18" .22)	LA	1	Nil	5	1	Nil	37
Mossberg 464 (20" .22)	LA	1	Nil	5	1	Nil	41

### Marlin 36

Notes: This is a pre-World War 2 design produced until just after World War 2. It is basically an improved form of the turn-of-the-20<sup>th</sup>-century Model 1893, with a rounded operating lever, improvements in the mainspring, and a pistol-grip stock. A carbine version was also made, with a 20-inch barrel and a full-length magazine. Another version, the Model 36SC, had the rifle's magazine but the carbine's barrel-length.

Weapon	Ammunition	Weight	Magazines	Price
<b>Marlin 36A</b>	.30-30 Winchester	3.15 kg	5 Tubular	\$2648
<b>Marlin 36 Carbine</b>	.30-30 Winchester	3.12 kg	7 Tubular	\$2608
<b>Marlin 36SC</b>	.30-30 Winchester	3.11 kg	5 Tubular	\$2607

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Marlin 36A</b>	LA	4	2-3-Nil	8	5	Nil	81
<b>Marlin 36 Carbine</b>	LA	4	2-3-Nil	7	5	Nil	62
<b>Marlin 36SC</b>	LA	4	2-3-Nil	7	5	Nil	62

### Marlin (Glenfield) 36G

Notes: Not to be confused with the Model 36 above, the Model 36G was basically a simplified Model 336 marketed under the Glenfield brand name instead of the Marlin name. They typically had stocks of inexpensive birch and round 20-inch standard-weight barrels. The rear sight was an adjustable spring-leaf and elevator type. The Model 36G was only built from 1964-66, but by this time 5930 had been built.

Variants included the Model 30, built from 1966-72, and the replacement for the Model 36G. It was basically the same rifle except for the checkering on pistol grip wrist and fore-end (this checkering included decorative designs of a stag's head and oak leaves from 1969). Some 80,000 of these carbines were built, an impressive amount in six years. The Model 30 is identical to the Model 36G for game purposes. The Model 30A replaced the Model 30 in 1973, and was built until 1983. It was basically the same weapon as the Model 30, but had a full-length tubular magazine. The same checkering as the Model 30 was used at first, but the decorative designs were dropped in 1982. By the time production ceased, about 300,000 Model 30As had been built. The Model 30GT was built from 1979-80; it was a Model 30A with a shorter 18.5-inch barrel, a straight wrist, and a squared operating lever. The Model 30AS began production in 1983 and is still being built; it is identical to the Model 30A, but has a crossbolt safety, and is identical to the Model 30A for game purposes. The Model 30AS brought was sold under the Marlin name, unlike the others.

Weapon	Ammunition	Weight	Magazines	Price
<b>Glenfield 36G</b>	.30-30 Winchester	3.18 kg	4 Tubular	\$2602
<b>Glenfield 30A</b>	.30-30 Winchester	3.2 kg	6 Tubular	\$2603
<b>Glenfield 30GT</b>	.30-30 Winchester	3.19 kg	6 Tubular	\$2587

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Glenfield 36G</b>	LA	4	2-3-Nil	7	5	Nil	62
<b>Glenfield 30A</b>	LA	4	2-3-Nil	7	5	Nil	62
<b>Glenfield 30GT</b>	LA	4	2-3-Nil	6	5	Nil	55

### Marlin 39

Notes: The Model 39 is a rimfire lever-action rifle that was built in astounding numbers (over 2 million Model 39s and its variants by 1983, when production stopped) starting in 1922. It is based on the pre-20<sup>th</sup> century Model 1891 rifle, which was the first lever-action rifle to be chambered for the .22 Long Rifle cartridge. The Model 49 is a takedown rifle with a case-hardened receiver and a full-length tubular magazine. The original Model 39 had an octagonal 20-inch barrel (though a round barrel and a half-length tubular magazine were some of the available options for the Model 39. The Model 39 received an improved ejector mechanism in 1924 and a strengthened bolt in 1932 (to eliminate bolt cracking caused by firing high-speed and wildcat loads). Production of the original Model 39 stopped in 1941, but picked up in small numbers for a short production run from 1945-47.

The Model 39A was introduced in 1939, and was one of the few civilian rifles Marlin built throughout World War 2, with production finally stopping in 1960. The Model 39A had a 20-inch round barrel and a heavy beavertail-type fore-end. The receiver and barrel were blued. In 1954, the Model 39A received Micro-Groove rifling and a rounded lever loop instead of the squared loop of the Model 39. In 1960, the stock was re-shaped with a fluted comb and white spacers for the buttplate. (On later variants of the Model 39A, the spacers were omitted starting in 1973.) A "carbine" variant was also produced, but this was identical to the rifle except for a smaller magazine and it shoots identically to the Model 39A rifle, differing only in weight.

There were several variants of the Model 39A, most of which differ primarily in decoration, luxury, or are special commemorative versions; these types are identical to the standard Model 39A for game purposes. Other variants include Model 39A Article II Rifle, designed to commemorate the 100<sup>th</sup> anniversary of the NRA. This version had a 24-inch octagonal barrel, a stock and fore-end of select-quality walnut with a crescent-shaped butt, along with a large amount of NRA-specific decorative work. A Model 39A Article II Carbine was also built, virtually identical except for the 20-inch octagonal barrel, straight-wrist stock, and squared lever loop. Both of

these were built only in 1971.

The Model 39A Golden was introduced in 1960, and built until 1992. What made the Model 39A “Golden” was the gold-plated trigger and bright brass finish to the receiver. It also has sling swivels as standard, as well as drilling and tapping for a scope mount and a more-prominent hooded front sight. The stock used a straight wrist. The “Golden” name was actually dropped in 1964, but reapplied in 1972. The Model 39M Golden is a carbine version of the Model 39A Golden; it has a 20-inch barrel and no drilling or tapping (though it did have a spring-leaf and elevator rear sight). The Model 39MS was an updated version with an improved action and a quick-release magazine plug. For game purposes, the Model 39A Golden and Model 39AS are identical to the standard Model 39A, while the Model 39M carbine is identical to the Model 39A carbine.

The Model 39A Octagon used a 24-inch octagonal barrel, with a slender fore-end. It had a pistol grip wrist, but lacked the plastic cap on that wrist that was normally customary on Marlin rifles. The Model 39A Octagon was a special edition built only in 1973. A carbine version was also made, identical except for the 20-inch barrel and the straight wrist of the stock. These shoot identically to the Model 39A Octagon Rifles and Carbines game purposes, but differ in weight.

The Model 39AS, introduced in 1988, used an almost-unmodified stock from the Model 336CS. The action is also somewhat different, using a squared breech-bolt that reciprocated in a track on the right wall of the receiver. The tubular magazine also had a quick-release plug. Model 39ASs built since 1992 have gold-plated triggers and bright brass finishes to their receivers, and are usually called the Model 39AS Golden. The Model 39AS Golden is still in production. The Model 39AS shoots like a standard Model 39A for game purposes.

The smallest member of the Model 39 series was the Model 39TDS Carbine, built from 1988-95. This version had a barrel of only 16.5 inches and a correspondingly short tubular magazine below it. The stock was straight-wristed, and the lever loop was squared instead of rounded.

Weapon	Ammunition	Weight	Magazines	Price
Model 39	.22 Short, .22 Long, and .22 Long Rifle	2.61 kg	25 (.22 Short), 21 (.22 Long), 18 (.22 Long Rifle); Tubular	\$314
Model 39A	.22 Short, .22 Long, and .22 Long Rifle	2.95 kg	25 (.22 Short), 21 (.22 Long), 18 (.22 Long Rifle); Tubular	\$309
Model 39A Carbine	.22 Short, .22 Long, and .22 Long Rifle	2.82 kg	18 (.22 Short), 15 (.22 Long), 12 (.22 Long Rifle); Tubular	\$309
Model 39A Article II Rifle	.22 Short, .22 Long, and .22 Long Rifle	3.1 kg	25 (.22 Short), 21 (.22 Long), 18 (.22 Long Rifle); Tubular	\$355
Model 39 Article II Carbine	.22 Short, .22 Long, and .22 Long Rifle	2.97 kg	25 (.22 Short), 21 (.22 Long), 18 (.22 Long Rifle); Tubular	\$314
Model 39A Octagon Rifle	.22 Short, .22 Long, and .22 Long Rifle	2.95 kg	25 (.22 Short), 21 (.22 Long), 18 (.22 Long Rifle); Tubular	\$355
Model 39A Octagon Carbine	.22 Short, .22 Long, and .22 Long Rifle	2.82 kg	25 (.22 Short), 21 (.22 Long), 18 (.22 Long Rifle); Tubular	\$314
Model 39AS	.22 Short, .22 Long, and .22 Long Rifle	2.95 kg	26 (.22 Short), 22 (.22 Long), 19 (.22 Long Rifle); Tubular	\$320
Marlin 39TDS	.22 Short, .22 Long, and .22 Long Rifle	2.69 kg	16 (.22 Short), 13 (.22 Long), 10 (.22 Long Rifle); Tubular	\$272

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Marlin 39 (.22 Short)	LA	-2	Nil	5	1	Nil	34
Marlin 39 (.22 Long)	LA	1	Nil	5	1	Nil	38
Marlin 39 (.22 Long Rifle)	LA	1	Nil	5	1	Nil	42
Marlin 39A (.22 Short)	LA	-2	Nil	5	1	Nil	33
Marlin 39A (.22 Long)	LA	1	Nil	5	1	Nil	37
Model 39 Article II Rifle (.22 Short)	LA	-2	Nil	6	1	Nil	40
Model 39 Article II Rifle (.22 Long)	LA	1	Nil	6	1	Nil	45
Model 39 Article II Rifle (.22 Long Rifle)	LA	1	Nil	6	1	Nil	49
Model 39 Article II Carbine (.22 Short)	LA	-2	Nil	5	1	Nil	34
Model 39 Article II Carbine (.22 Long)	LA	1	Nil	5	1	Nil	38
Model 39 Article II Carbine (.22 Long Rifle)	LA	1	Nil	5	1	Nil	42
Marlin 39A (.22 Long Rifle)	LA	1	Nil	5	1	Nil	41
Marlin 39TDS (.22 Short)	LA	-2	Nil	4	1	Nil	28
Marlin 39TDS (.22 Long)	LA	1	Nil	4	1	Nil	31
Marlin 39TDS (.22 Long Rifle)	LA	1	Nil	4	1	Nil	34

Marlin 56 Levermatic

Notes: This is an unusual lever-action design. The lever only moves 25 degrees – the rest of the cocking movement is done with cam-and-roller accelerator. It has a one-piece Monte Carlo-type stock, another feature unusual for Marlin, and an enclosed hammer.

The fore-end was also round-tipped, which was at the time of introduction (1955) also unusual for Marlin rifles. The receiver was squared and drilled and tapped for a telescopic sight. The stock had a pistol grip wrist, though it is not very deep. Barrel length was 24 inches. Unusually for a lever-action rifle of the time, the Model 56 was fed from a box magazine instead of a tubular magazine. The 7-round magazine was at first the only one available for the Model 56, but later versions could use the 10 and 12-round magazines made for the Model 56DL Clipper.

In 1956, a number of changes were made to the Model 56's design. Though the year began with the barrel length still at 24 inches, this was shortly reduced to 22 inches. The receiver was rounded instead of squared, and better blended into the stock. The receiver was also changed from steel to aluminum alloy.

Variants include the Model 56DL Clipper, a deluxe model that comes with a 4x telescopic sight and a 12-round magazine. It is a very rare rifle, with only 150 being built. The Model 57 Levermatic is the same as the Model 56, but fed by a tubular magazine; the Model 57M is the same rifle firing .22 magnum ammunition and having a 24-inch barrel. Both versions of the Model 57 use a rounded steel receiver instead of the alloy receiver. These tubular-magazine-fed versions of the Levermatic were the most popular of the series.

The Model 62 Levermatic is chambered for centerfire ammunition, either .256 Winchester or .30 Carbine, and had a 23.25" barrel. It also uses a steel receiver which has been strengthened for the more powerful ammunition, and it returned to the box magazine. An interesting note about the Model 62 is that the first 4000 built were shipped without serial numbers due to a manufacturing error, an accidental violation of US firearms laws. Though the Model 62 has long been out of production, an owner of one of a Model 62 without a serial number can return it to Marlin to this day for application of a serial number, and register it with the BATFE without penalty. Another interesting note is that while the Model 62 was initially listed in Marlin catalogs to be available in .22 Jet and .357 Magnum in the future, neither of these calibers of the Model 62 were ever actually built except in prototype form.

Weapon	Ammunition	Weight	Magazines	Price
Marlin 56 (Early)	.22 Short, .22 Long, or .22 Long Rifle	2.68 kg	7, 10, 12	\$349
Marlin 56 (Early Alloy)	.22 Short, .22 Long, or .22 Long Rifle	2.66 kg	7, 10, 12	\$350
Marlin 56 (Late Alloy)	.22 Short, .22 Long, or .22 Long Rifle	2.61 kg	7, 10, 12	\$329
Marlin 56DL Clipper	.22 Short, .22 Long, or .22 Long Rifle	2.71 kg	7, 10, 12	\$524
Marlin 57 Levermatic	.22 Short, .22 Long, or .22 Long Rifle	2.84 kg	27 (.22 Short), 23 (.22 Long), 19 (.22 Long Rifle; Tubular	\$325
Marlin 57M Levermatic	.22 Winchester Magnum Rimfire	3.04 kg	15 Tubular	\$408
Marlin 62 Levermatic	.256 Winchester Magnum	3.16 kg	7	\$1324
Marlin 62 Levermatic	.30 Carbine	2.47 kg	7	\$582

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Marlin 56 (Early/Early Alloy, .22 Short)	LA	-2	Nil	6	1	Nil	40
Marlin 56 (Early/Early Alloy, .22 Long)	LA	1	Nil	6	1	Nil	44
Marlin 56 (Early/Early Alloy, .22 Long Rifle)	LA	1	Nil	6	1	Nil	48
Marlin 56 (Late Alloy) /56DL/57 (.22 Short)	LA	-2	Nil	5	1	Nil	36
Marlin 56 (Late Alloy) /56DL/57 (.22 Long)	LA	1	Nil	5	1	Nil	41
Marlin 56 (Late Alloy) /56DL/57 (.22 Long Rifle)	LA	1	Nil	5	1	Nil	45
Marlin 57M	LA	1	Nil	6	1	Nil	64
Marlin 62 (.256)	LA	3	1-2-Nil	7	3	Nil	79
Marlin 62 (.30)	LA	2	1-Nil	6	2	Nil	65

Marlin 336

Notes: This is an improved version of the pre-World War 2 Model 36. It has improvements in the bolt, extractor, and ejection port, and is in general a more refined design. The basic Model 336 had a half-length tubular magazine under a 24-inch barrel, and was chambered for some mainstream and some rather peculiar cartridges. The stock was of plain hardwood with a pistol grip wrist. The rear sight was of the spring-leaf and elevator type, with a bead front sight.

The base version of the Model 336, the Model 336A, was produced from 1948-62, and then again from 1973-80. Originally chambered only for .30-30 Winchester and .32 Winchester Special, a .35 Remington chambering was introduced in 1953. In the early 1950s, a decorative white spacer on the butt and white pistol grip wrist cap were added, but this practice was stopped in 1953, only to re-start in 1957. Starting in 1956, the Model 336A was drilled and tapped for a scope mount, and used Micro-Groove rifling. A hood was added to the front sight in 1957, and in 1960, the top of the receiver was given a sandblasted finish to minimize glare when sighting through the iron sights. When the Model 336A re-appeared in 1973, it had a straight wrist stock and a new Wide-Scan front sight.



The Model 336C was produced concurrently with the Model 336A, and unlike the Model 336A, is still being produced today in a modified form. When introduced, this weapon was called simply the "Model 336 Carbine," but the name was changed to the Model 336C in 1951. The Model 336 has a shorter 20-inch barrel, but a longer full-length tubular magazine. The Model 336C was originally chambered for the same rounds as the Model 336A; however, a .44 Magnum chambering was added in 1963 (and generally called the Model 336/44 Magnum). In 1964, both the .44 Magnum and .32 Winchester Special chamberings were dropped from production. Original models had a fluted comb, but the fluting was deleted in 1976. Original models also had a gold-plated trigger, but the plating was deleted in 1982. In 1984, the Model 336C was superseded by the Model 336CS; this differs only in the addition of an extra crossbolt-type safety catch.

The Model 336 Zipper carbine, introduced in 1955, was sort of an experiment-gone-mainstream; it was chambered for the unusual .219 Zipper cartridge. The "Zipper Carbine" was an offshoot of the Model 336C, but the hoped-for increase in accuracy never happened, and that barrels wore out far more quickly than Marlin expected. In 1956, the Model 336 Zipper was given an extra-heavy barrel (so heavy that the entire weight of the carbine increased by almost half a kilogram), and production stopped in 1959.

The Model 336ER (Extra-Range) carbine was introduced in 1983. It was designed for the .356 Winchester cartridge, and was essentially a Model 336C rechambered for that round. The Model 336ER proved to be non-too-popular, with only 2440 being built, and sales being extremely slow. (Rumors say that new Model 336ERs can still be found from time to time.) Production was stopped less than a year later in 1984.

The Model 336 Marauder carbine was introduced in 1963; however, the name "Marauder proved to be a commercial disaster at the time, and production of the Marauder was combined with production of the Model 336T Texan in 1964, since the receivers and mechanisms were identical. The Marauder had a very short 16.25-inch barrel. As said, the Marauders were superseded by the Model 336T Texan; the Texan used a 20-inch barrel, a full-length magazine, a straight-wrist stock, and a slime-profile fore-end. They originally had blade-type front sights, but were replaced by ramp-type front sights in 1959. A .44 Magnum chambering was offered, but only from 1962-64. In 1965, the .35 Remington chambering was dropped, but a brass saddle ring was added to the left side. Original lever loops were rounded, but they were squared-off in 1971; in addition, the now-extra saddle ring on the right side was removed. In 1972, the front side was again replaced, this time with a hooded Wide-Scan design. The fluted comb was de-fluted in 1976, and the plating of the trigger with gold stopped in 1982. In 1983, the barrel length of the Texan was reduced to 18.5 inches in 1983. In 1984, the Model 336T was replaced in production by the Model 336TS, with an additional crossbolt-type safety. In 1988, the Model 336TS was replaced by the Model 336LTS, which was essentially the same weapon with the barrel length further reduced to 16.25 inches and the tubular magazine length reduced accordingly. The Texan line stopped production in 1993.

The Model 336 Octagon was introduced in 1973 as a limited-issue version, and built only for a year. This version has a 23-inch octagonal barrel with a full-length tubular magazine, a straight-wrist stock with a hard rubber buttplate, a squared lever loop, and a gold-bead front sight.

The Model 336CC is a version that was introduced in 2001; it is chambered only in .30-30 Winchester, is heavier than other .30-30 models, and has a hardwood stock finished in a "Mossy Oak Break-Up" camouflage pattern. The Model 336 Cowboy was introduced in 2000; it has a long barrel for precision shooting and a tubular magazine which extends to the muzzle. It has a straight English-style stock made from American walnut. It did not do well in the marketplace and was withdrawn in 2002. The Model 336M, introduced in 2000 (redesignated Model 336SS in 2001), is a weather-resistant version of the Model 336, chambered only in .30-30 Winchester and with the barrel, magazine, casing, lever, trigger guard, loading port, and safety catch all made from stainless steel. Other metal parts, except for the front sight bead, are nickel-plated. The hardwood stock is specially sealed against the climate. It is identical to Model 336CC for game purposes. The Model 336XLR, introduced in 2006, is described as a "deer rifle" version of the Model 336; it uses a 24-inch barrel, and the metalwork is largely of stainless steel with a gray-black laminated hardwood stock; the butt has a recoil pad a full inch thick. The Model 308MXLR is essentially a Model 336XLR chambered for the .308 Marlin Express round.

Twilight 2000 Notes: The following versions of the Model 336 do not exist in the Twilight 2000 timeline: Model 336CC, Model 336 Cowboy, Model 336M/Model 336SS, Model 336W, Model 336XLR/308MXLR.

Weapon	Ammunition	Weight	Magazines	Price
<b>Marlin 336A</b>	.30-30 Winchester	3.02 kg	5 Tubular	\$2648
<b>Marlin 336A</b>	.32 Winchester Special	3.12 kg	5 Tubular	\$2866
<b>Marlin 336A</b>	.35 Remington	3.55 kg	5 Tubular	\$3797
<b>Marlin 336C</b>	.30-30 Winchester	2.99 kg	6 Tubular	\$2607
<b>Marlin 336C</b>	.32 Winchester Special	3.1 kg	6 Tubular	\$2826
<b>Marlin 336C</b>	.35 Remington	3.39 kg	6 Tubular	\$3675
<b>Marlin 336C</b>	.44 Magnum	2.27 kg	10 Tubular	\$873
<b>Marlin 336ER</b>	.356 Winchester	3.08 kg	5 Tubular	\$3833
<b>Marlin 336 Marauder</b>	.30-30 Winchester	2.86 kg	5 Tubular	\$2569
<b>Marlin 336 Marauder</b>	.35 Remington	3.24 kg	5 Tubular	\$3561
<b>Marlin 336 Octagon</b>	.30-30 Winchester	2.94 kg	6 Tubular	\$2628
<b>Marlin 336 Octagon</b>	.32 Winchester Special	3.05 kg	6 Tubular	\$2846
<b>Marlin 336 Octagon</b>	.35 Remington	3.34 kg	6 Tubular	\$3736
<b>Marlin 336T Texan (20" Barrel)</b>	.30-30 Winchester	3 kg	6 Tubular	\$2607
<b>Marlin 336T Texan (20" Barrel)</b>	.35 Remington	3.41 kg	6 Tubular	\$3675
<b>Marlin 336T Texan (20" Barrel)</b>	.44 Magnum	2.28 kg	10 Tubular	\$873

Marlin 336T Texan (18.5" Barrel)	.30-30 Winchester	3.03 kg	6 Tubular	\$2587
Marlin 336LTS Texan	.30-30 Winchester	3 kg	5 Tubular	\$2564
Marlin 336 Zipper	.219 Zipper	3.08 kg	5 Tubular	\$1427
Marlin 336 Zipper (Heavy Barrel)	.219 Zipper	3.53 kg	5 Tubular	\$1438
Marlin 336CC	.30-30 Winchester	3.2 kg	6 Tubular	\$2602
Marlin 336 Cowboy	.30-30 Winchester	3.4 kg	8 Tubular	\$2648
Marlin 336 Cowboy	.375 H&H Magnum	5 kg	8 Tubular	\$5718
Marlin 336 Cowboy	.38-55 Ballard	4.24 kg	8 Tubular	\$1082
Marlin 336XLR	.30-30 Winchester	3.4 kg	5 Tubular	\$2718
Marlin 336XLR	.35 Remington	3.88 kg	5 Tubular	\$3867
Marlin 308MXLR	.308 Marlin Express	3.18 kg	5 Tubular	\$2572

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Marlin 336A (.30-30)	LA	4	2-3-Nil	8	5	Nil	81
Marlin 336A (.32)	LA	4	2-3-Nil	8	5	Nil	81
Marlin 336A (.35)	LA	5	2-4-Nil	8	6	Nil	81
Marlin 336C (.30-30)	LA	4	2-3-Nil	7	5	Nil	62
Marlin 336C (.32)	LA	4	2-3-Nil	7	5	Nil	62
Marlin 336C (.35)	LA	5	2-3-Nil	7	5	Nil	62
Marlin 336C (.44)	LA	4	1-Nil	6	4	Nil	56
Marlin 336ER	LA	5	2-3-Nil	7	5	Nil	62
Marlin 336 Marauder (.30-30)	LA	4	2-3-Nil	6	5	Nil	45
Marlin 336 Marauder (.35)	LA	4	2-3-Nil	6	5	Nil	46
Marlin 336 Octagon (.30-06)	LA	4	2-3-Nil	7	5	Nil	72
Marlin 336 Octagon (.32)	LA	4	2-3-Nil	7	5	Nil	72
Marlin 336 Octagon (.35)	LA	5	2-3-Nil	7	5	Nil	72
Marlin 336T Texan (20", .30-30)	LA	4	2-3-Nil	7	5	Nil	62
Marlin 336T Texan (20", .35)	LA	5	2-3-Nil	7	5	Nil	62
Marlin 336T Texan (20", .44)	LA	4	1-Nil	6	3	Nil	56
Marlin 336T Texan (18.5", .30-30)	LA	4	2-3-Nil	6	5	Nil	55
Marlin 336LTS	LA	4	2-3-Nil	6	5	Nil	45
Marlin 336 Zipper	LA	3	1-Nil	6	3	Nil	50
Marlin 336 Zipper (HB)	LA	3	1-Nil	6	3	Nil	54
Marlin 336CC	LA	4	2-3-Nil	6	5	Nil	62
Marlin 336 Cowboy (.30-30)	LA	4	2-3-Nil	8	5	Nil	81
Marlin 336 Cowboy (.375)	LA	7	1-3-5	8	5	Nil	90
Marlin 336 Cowboy (.38-55)	LA	4	1-2-Nil	8	3	Nil	99
Marlin 336XLR (.30-30)	LA	4	2-3-Nil	7	4	Nil	81
Marlin 336XLR (.35)	LA	5	2-4-Nil	7	5	Nil	81
Marlin 308MXLR	LA	5	2-3-Nil	7	4	Nil	97

**Marlin 375**

Notes: This rifle is designed for one of the more powerful cartridges used in a lever-action rifle, .375 Winchester. Based on the Model 336C, the Model 375 was meant to be a weapon that could be used to hunt in forests and heavy brush, without being stopped by the vegetation. The action is similar to that of the Model 336C along with the same barrel length, and the stock has a pistol grip wrist. The Model 375 proved to be rather unpopular and was produced only from 1980-82, though Marlin overestimated demand and new examples were available for years thereafter.

Weapon	Ammunition	Weight	Magazines	Price
Marlin 375	.375 Winchester	3.06 kg	5 Tubular	\$2391

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Marlin 375	LA	5	2-4-Nil	7	6	Nil	75

**Marlin 444**

Notes: The Model 444 was designed in 1959 specifically to fire the then-new .444 Marlin cartridge. Until Marlin technicians came up with this cartridge (which was basically a long version of the .44 Magnum), Marlin had no plans to make a lever-action rifle in this large a caliber; the Marlin 444 was designed specifically to exploit this new cartridge. The Model 444 was based on a modified Model 336 action. The Model 444 uses a straight-wrist stock with a high Monte-Carlo-type comb, a ventilated rubber recoil pad, and a short fore-end. The rear sight is of the spring-leaf and elevator type common on marlin rifles, with a hooded bead front sight. Barrel length



is 24 inches.

Variants include the Model 444S (also known as the Marlin 444S Sporter), built from 1972-88; this version used a shorter 22-inch barrel, a straight-wrist, straight-comb stock, and a semi-beavertail fore-end. The rear sight is a simplified version of that found on the standard Model 444. The sling swivels (also found on the standard Model 444) are easily detachable on the Model 444S, while they are permanently-mounted on the Model 444. The Model 444SS is an additional modification of the Model 444S, built from 1988 onward; this version has an additional crossbolt-type safety, and the sling swivels are replaced by permanently-mounted eyes. In 1999, the Model 444P Outfitter was introduced; this is sort of a carbine version of the Model 444SS, with an 18.5-inch barrel that is ported.

Twilight 2000 Notes: The Model 444P does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Marlin 444	.444 Marlin	3.42 kg	5 Tubular	\$1416
Marlin 444S	.444 Marlin	3.4 kg	5 Tubular	\$1396
Marlin 444P	.444 Marlin	3.2 kg	5 Tubular	\$1386

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Marlin 444	LA	4	1-2-Nil	7	4	Nil	98
Marlin 444S	LA	4	1-2-Nil	6	4	Nil	86
Marlin 444P	LA	3	1-2-Nil	6	2	Nil	67

**Marlin 1894 New Model**

Notes: This is a replica of a standard western-style rifle, with a safety catch and tapping for a scope mount. They are sometimes seen in Westerns. It was chambered for a wide variety of rounds, all suited to the short action of the rifle. The top of the weapon is sandblasted to minimize glare, and the sight is of the Marlin-patented "Wide-Scan" type. Variants of note include the Model 1894C carbine, with a full-length magazine and 18.5-inch barrel; the Model 1894C also has a rubber butt plate, and a squared lever; the Model 1894CSS is the same weapon, with stainless steel metalwork polished externally. Both also have black walnut furniture. The Model 1894 Cowboy has a 20-inch tapered octagon barrel and a 10-round magazine; the 1894M, fires .22 magnum cartridges; the Model 1894S carbine, with a 20-inch barrel and an additional safety. The Model 1894SS is a stainless steel metalwork version of the original Model 1894, that is chambered only for .44 Magnum/.44 Special.

Newer variants of the Model 1894 include the Models 1894SBL and CSBL; both have a MIL-STD-1913 rail atop the receiver and extending halfway down the barrel, a folding rear semi-buckhorn sight with a Ghost Ring front sight with a fiberoptic inlay, a Big Loop lever; black walnut furniture with checkering on the wrist and fore-end (hand-cut), an 16.25-inch barrel with deep-cut Ballard rifling, metalwork of stainless steel; and a trigger guard plate and hammer block manual safety. Differences between the SBL and CBSL include the finish (polished stainless steel receiver, barrel, lever, and magazine tube, the fore-end cap on the SBL is bright nickel-plated and blued on the CBSL. The Model 1894SBL is chambered and designed to use either .44 Magnum, .44 Special, or both interchangeably, and has a larger magazine tube; the Model CBSL is chambered and designed to use .357 Magnum, .38 Special, or both interchangeably. The Model 1894SBL has a rubber recoil pad on the butt, while the Model CSBL has simply a hard rubber ribbed butt plate.

Twilight 2000 Notes: The Model 1894SBL and CSBL do not exist in the Twilight 2000 timeline, as design work did not begin until the late 2000s and they did not reach market until 2011.

Weapon	Ammunition	Weight	Magazines	Price
Marlin 1894	.218 Bee	2.84 kg	6 Tubular	\$1082
Marlin 1894	.25-20 Winchester	3.1 kg	6 Tubular	\$1331
Marlin 1894	.32-20 Winchester	2.41 kg	6 Tubular	\$592
Marlin 1894	.357 Magnum	2.55 kg	6 Tubular	\$690
Marlin 1894	.38 Special	2.49 kg	6 Tubular	\$645
Marlin 1894	.41 Magnum	2.74 kg	6 Tubular	\$826
Marlin 1894	.44 Magnum	2.82 kg	6 Tubular	\$888
Marlin 1894	.44 Special	2.74 kg	6 Tubular	\$823
Marlin 1894	.45 Long Colt	2.91 kg	6 Tubular	\$964
Marlin 1894C	.218 Bee	2.79 kg	9 Tubular	\$1046
Marlin 1894C	.25-20 Winchester	3.04 kg	9 Tubular	\$1295
Marlin 1894C	.32-20 Winchester	2.37 kg	9 Tubular	\$556
Marlin 1894C	.357 Magnum	2.5 kg	9 Tubular	\$654
Marlin 1894C	.38 Special	2.45 kg	9 Tubular	\$609
Marlin 1894C	.41 Magnum	2.69 kg	9 Tubular	\$791
Marlin 1894C	.44 Magnum	2.77 kg	9 Tubular	\$853
Marlin 1894C	.44 Special	2.69 kg	9 Tubular	\$787
Marlin 1894C	.45 Long Colt	2.86 kg	9 Tubular	\$929
Marlin 1894 Cowboy	.357 Magnum	2.79 kg	10 Tubular	\$710
Marlin 1894 Cowboy	.44 Magnum	3.07 kg	10 Tubular	\$909

<b>Marlin 1894 Cowboy</b>	<b>.44-40 Winchester</b>	<b>3.09 kg</b>	<b>10 Tubular</b>	<b>\$918</b>
<b>Marlin 1894 Cowboy</b>	<b>.45 Long Colt</b>	<b>3.18 kg</b>	<b>10 Tubular</b>	<b>\$985</b>
<b>Marlin 1894M</b>	<b>.22 Winchester Magnum Rimfire</b>	<b>2.41 kg</b>	<b>11 Tubular</b>	<b>\$387</b>
<b>Marlin 1894S</b>	<b>.218 Bee</b>	<b>2.81 kg</b>	<b>6 Tubular</b>	<b>\$1061</b>
<b>Marlin 1894S</b>	<b>.25-20 Winchester</b>	<b>3.07 kg</b>	<b>6 Tubular</b>	<b>\$1310</b>
<b>Marlin 1894S</b>	<b>.32-20 Winchester</b>	<b>2.38 kg</b>	<b>6 Tubular</b>	<b>\$571</b>
<b>Marlin 1894S</b>	<b>.357 Magnum</b>	<b>2.52 kg</b>	<b>6 Tubular</b>	<b>\$669</b>
<b>Marlin 1894S</b>	<b>.38 Special</b>	<b>2.46 kg</b>	<b>6 Tubular</b>	<b>\$624</b>
<b>Marlin 1894S</b>	<b>.41 Magnum</b>	<b>2.71 kg</b>	<b>6 Tubular</b>	<b>\$806</b>
<b>Marlin 1894S</b>	<b>.44 Magnum</b>	<b>2.79 kg</b>	<b>6 Tubular</b>	<b>\$867</b>
<b>Marlin 1894S</b>	<b>.44 Special</b>	<b>2.71 kg</b>	<b>6 Tubular</b>	<b>\$802</b>
<b>Marlin 1894S</b>	<b>.45 Long Colt</b>	<b>2.88 kg</b>	<b>6 Tubular</b>	<b>\$944</b>
<b>Marlin 1894SBL</b>	<b>.44 Magnum and .44 Special</b>	<b>2.72 kg</b>	<b>8 Tubular</b>	<b>\$857</b>
<b>Marlin 1894CBSL</b>	<b>.357 Magnum and .38 Special</b>	<b>2.6 kg</b>	<b>7 Tubular</b>	<b>\$638</b>

<b>Weapon</b>	<b>ROF</b>	<b>Damage</b>	<b>Pen</b>	<b>Bulk</b>	<b>SS</b>	<b>Burst</b>	<b>Range</b>
<b>Marlin 1894 (.218)</b>	LA	3	1-Nil	6	3	Nil	63
<b>Marlin 1894 (.25-20)</b>	LA	3	2-Nil	6	3	Nil	63
<b>Marlin 1894 (.32-20)</b>	LA	2	1-Nil	6	2	Nil	63
<b>Marlin 1894 (.357)</b>	LA	3	1-Nil	6	3	Nil	62
<b>Marlin 1894 (.38)</b>	LA	2	1-Nil	6	3	Nil	60
<b>Marlin 1894 (.41)</b>	LA	4	1-Nil	6	3	Nil	62
<b>Marlin 1894 (.44 Magnum)</b>	LA	4	1-Nil	6	3	Nil	62
<b>Marlin 1894 (.44 Special)</b>	LA	3	1-Nil	6	3	Nil	60
<b>Marlin 1894 (.45)</b>	LA	3	2-Nil	6	3	Nil	62
<b>Marlin 1894C (.218)</b>	LA	3	1-Nil	5	3	Nil	53
<b>Marlin 1894C (.25-20)</b>	LA	3	1-Nil	6	3	Nil	52
<b>Marlin 1894C (.32-20)</b>	LA	2	1-Nil	5	2	Nil	52
<b>Marlin 1894C (.357)</b>	LA	3	1-Nil	5	3	Nil	52
<b>Marlin 1894C (.38)</b>	LA	2	1-Nil	5	3	Nil	49
<b>Marlin 1894C (.41)</b>	LA	4	1-Nil	5	3	Nil	51
<b>Marlin 1894C (.44 Magnum)</b>	LA	4	1-Nil	5	3	Nil	52
<b>Marlin 1894C (.44 Special)</b>	LA	3	1-Nil	5	3	Nil	49
<b>Marlin 1894C (.45)</b>	LA	3	2-Nil	5	3	Nil	52
<b>Marlin 1894 Cowboy (.357)</b>	LA	3	1-Nil	6	3	Nil	68
<b>Marlin 1894 Cowboy (.44 Magnum)</b>	LA	4	1-Nil	6	3	Nil	68
<b>Marlin 1894 Cowboy (.44-40)</b>	LA	3	1-Nil	6	3	Nil	69
<b>Marlin 1894 Cowboy (.45)</b>	LA	3	1-Nil	6	3	Nil	68
<b>Marlin 1894M</b>	LA	1	Nil	5	3	Nil	57
<b>Marlin 1894S (.218)</b>	LA	3	1-Nil	6	3	Nil	57
<b>Marlin 1894S (.25-20)</b>	LA	3	1-Nil	6	3	Nil	56
<b>Marlin 1894S (.32-20)</b>	LA	2	1-Nil	5	2	Nil	57
<b>Marlin 1894S (.357)</b>	LA	3	1-Nil	5	3	Nil	56
<b>Marlin 1894S (.38)</b>	LA	2	1-Nil	5	3	Nil	54
<b>Marlin 1894S (.41)</b>	LA	4	1-Nil	6	3	Nil	56
<b>Marlin 1894S (.44 Magnum)</b>	LA	4	1-Nil	6	3	Nil	56
<b>Marlin 1894S (.44 Special)</b>	LA	3	1-Nil	6	3	Nil	54
<b>Marlin 1894S (.45)</b>	LA	3	2-Nil	6	3	Nil	56
<b>Marlin 1894SBL (.44 Magnum)</b>	LA	4	1-Nil	5	3	Nil	54
<b>Marlin 1894SBL (.44 Special)</b>	LA	3	1-Nil	5	3	Nil	43
<b>Marlin 1894CBSL (.357 Magnum)</b>	LA	3	1-Nil	5	3	Nil	54
<b>Marlin 1894CBSL (.38 Special)</b>	LA	2	1-Nil	5	3	Nil	43

### **Marlin 1894 Old Model**

Notes: Introduced in 1894, the first Model 1894 was renamed the Model 94 in 1906. It is an improved version of the Marlin 1889, and is a side-ejecting rifle with a new locking bolt, two-piece firing pin, and a 24-inch octagonal or heavy round barrel. Production had largely stopped by 1915, but in 1922, production resumed, only to stop again in 1924. Small batches were then assembled from old parts from 1928-29, and they were offered in Marlin's catalogues until 1933. The receiver, hammer, buttplate, and fore-end cap were color-case hardened.

Variants included the Model 1894 Baby, which was a carbine with a 20-inch standard-weight barrel, a short magazine, and a very

light weight. It was produced concurrently with the standard Model 1894. The Model 1894 Carbine generally used a 20-inch heavy barrel, but rare sub-variants had a barrel of only 15 inches. Receivers of the Carbine were generally blued. The Model 1894 Musket used a heavy round 30-inch barrel and was produced only from 1897-1907. Very few were made. Some were made with lugs for the British P/1888 sword bayonet.

Production of the Model 1894 was so large that exact figures are to this day unknown.

Weapon	Ammunition	Weight	Magazines	Price
Marlin 1894	.25-20 Winchester	3.64 kg	13 Tubular	\$1363
Marlin 1894	.32-20 Winchester	2.9 kg	15 Tubular	\$624
Marlin 1894	.44-40 Winchester	3.2 kg	14 Tubular	\$930
Marlin 1894 Baby	.38-40 Winchester	2.49 kg	6 Tubular	\$795
Marlin 1894 Baby	.44-40 Winchester	2.59 kg	6 Tubular	\$882
Marlin 1894 Carbine (20" Barrel)	.25-20 Winchester	3.57 kg	11 Tubular	\$1321
Marlin 1894 Carbine (15" Barrel)	.25-20 Winchester	3.48 kg	8 Tubular	\$1269
Marlin 1894 Carbine (20" Barrel)	.32-20 Winchester	2.84 kg	12 Tubular	\$582
Marlin 1894 Carbine (15" Barrel)	.32-20 Winchester	2.77 kg	9 Tubular	\$530
Marlin 1894 Carbine (20" Barrel)	.44-40 Winchester	3.13 kg	12 Tubular	\$888
Marlin 1894 Carbine (15" Barrel)	.44-40 Winchester	3.05 kg	9 Tubular	\$836
Marlin 1894 Musket	.25-20 Winchester	3.74 kg	16 Tubular	\$1425
Marlin 1894 Musket	.32-20 Winchester	2.98 kg	18 Tubular	\$686
Marlin 1894 Musket	.44-40 Winchester	3.28 kg	17 Tubular	\$993

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Marlin 1894 (.25-20)	LA	3	2-Nil	7	3	Nil	71
Marlin 1894 (.32-20)	LA	2	1-Nil	6	1	Nil	71
Marlin 1894 (.44-40)	LA	3	1-Nil	7	3	Nil	71
Marlin 1894 Baby (.38-40)	LA	3	1-Nil	6	3	Nil	56
Marlin 1894 Baby (.44-40)	LA	3	1-Nil	6	3	Nil	56
Marlin 1894 Carbine (20", .25-20)	LA	3	2-Nil	6	3	Nil	58
Marlin 1894 Carbine (15", .25-20)	LA	3	1-Nil	5	3	Nil	42
Marlin 1894 Carbine (20", .32-20)	LA	2	1-Nil	6	2	Nil	58
Marlin 1894 Carbine (15", .32-20)	LA	2	1-Nil	5	2	Nil	42
Marlin 1894 Carbine (20", .44-40)	LA	3	1-Nil	6	3	Nil	58
Marlin 1894 Carbine (15", .44-40)	LA	3	1-Nil	5	3	Nil	42
Marlin 1894 Musket (.25-20)	LA	3	2-Nil	8	4	Nil	91
Marlin 1894 Musket (.32-20)	LA	2	1-Nil	7	1	Nil	92
Marlin 1894 Musket (.44-40)	LA	3	1-Nil	8	3	Nil	91

Marlin 1895 New Model

Notes: Introduced in 1972, this replica of the original Model 1895 is based on a modified Model 336 receiver, but altered to handle the .45-70 Government cartridge. The top of the receiver is sandblasted to reduce glare. The butt has a hard rubber non-slip buttplate. The Models 1895S and 1895SS are similar, but have styling differences and/or sight differences; the Model 1895S had a pistol grip wrist with white spacers for the grip cap and buttplate, and was only produced from 1981-84. The Model 1895SS uses a crossbolt safety catch and sling swivels (until 1988) or sling eyes (after 1988).

In 2006, Marlin introduced a new version of this rifle, called the Model 1895XLR. This is essentially the same as the Model 336XLR (q.v.), but is chambered for the .45-70 Government cartridge. A Model 1895MXLR version was also introduced, chambered for .450 Marlin instead of .45-70 Government, but otherwise identical.

In 2011, SSK Industries, a custom gunsmithing firm, converted an 1895 with a 22-inch barrel to fire the .500 B&M Alaskan round. This round has long been a favorite of lever-action users, but guns to fire this round have long been found only in individual builds. The build has bright stainless steel metalwork finishing, a dark wood stock and fore-end with checkering in the pistol grip wrist and fore-end, a MIL-STD-1913 rail atop the receiver, and a heavy barrel. The iron sights are in the scout position, with the front sight having a fiberoptic inlay. The butt has a thick Pachmayr Decelerator recoil pad. This is about the closest one will find to a factory build .500 Alaskan rifle.

Twilight 2000 Notes: The Model 1895XLR and MXLR are not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Marlin 1895	.45-70 Government	3.4 kg	4 Tubular	\$1436
Marlin 1895XLR	.45-70 Government	3.4 kg	4 Tubular	\$1534
Marlin 1895MXLR	.450 Marlin	3.18 kg	4 Tubular	\$1526
SSK Marlin 1895	.50 B&M Magnum	3.4 kg	4 Tubular	\$1693

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Marlin 1895	LA	4	2-3-Nil	7	4	Nil	72
Marlin 1895XLR	LA	4	2-3-Nil	7	4	Nil	82
Marlin 1895MXLR	LA	5	1-2-3	7	4	Nil	86
SSK Marlin 1895	LA	5	1-2-3	7	5	Nil	74

### Marlin 1895 Old Model

Notes: The original Marlin Model 1895 (called the Model 95 after 1905) was basically a Model 1894 Old Model which was redesigned for more powerful cartridges and had some other alterations and improvements. The standard Model 1895 used a 26-inch barrel, and this was the most common barrel length, but barrels of 15, 20, 22, 24, 28, 30, and 32 inches were also available. The stock was of hardwood with a steel buttplate, and the rifles usually had half-length fore-ends with tubular magazines, though a full-length fore-end and magazine could be had upon request. The receivers were almost always color-case hardened, except for the carbines (22-inch barrel or less was considered a carbine version), which had a blued receiver. The stock could have a straight or pistol grip wrist. Several grades of decoration and woods could be used upon request. The Model 1895 was built from 1895 to 1915, but the .40-70 chambering was not available until 1897. In 1903, a Hepburn tangent rear sight was added. In 1912, a lightweight model was introduced, chambered only for .33 Winchester and with a 24-inch barrel and half-length fore-end and magazine, along with a buttplate normally used on shotguns of the time.

Weapon	Ammunition	Weight	Magazines	Price
Marlin 1895 (15" Barrel)	.33 Winchester	5.41 kg	3 Tubular, 5 Tubular	\$3071
Marlin 1895 (20" Barrel)	.33 Winchester	5.48 kg	4 Tubular, 7 Tubular	\$3123
Marlin 1895 (22" Barrel)	.33 Winchester	5.5 kg	4 Tubular, 7 Tubular	\$3143
Marlin 1895 (24" Barrel)	.33 Winchester	5.53 kg	4 Tubular, 8 Tubular	\$3164
Marlin 1895 (26" Barrel)	.33 Winchester	5.56 kg	5 Tubular, 9 Tubular	\$3184
Marlin 1895 (28" Barrel)	.33 Winchester	5.59 kg	5 Tubular, 10 Tubular	\$3205
Marlin 1895 (30" Barrel)	.33 Winchester	5.61 kg	5 Tubular, 10 Tubular	\$3225
Marlin 1895 (32" Barrel)	.33 Winchester	5.64 kg	6 Tubular, 11 Tubular	\$3245
Marlin 1895 (15" Barrel)	.38-56 Winchester	6.11 kg	3 Tubular, 5 Tubular	\$4153
Marlin 1895 (20" Barrel)	.38-56 Winchester	6.19 kg	4 Tubular, 7 Tubular	\$4305
Marlin 1895 (22" Barrel)	.38-56 Winchester	6.22 kg	4 Tubular, 7 Tubular	\$4366
Marlin 1895 (24" Barrel)	.38-56 Winchester	6.25 kg	4 Tubular, 8 Tubular	\$4428
Marlin 1895 (26" Barrel)	.38-56 Winchester	6.32 kg	5 Tubular, 9 Tubular	\$4489
Marlin 1895 (28" Barrel)	.38-56 Winchester	6.34 kg	5 Tubular, 9 Tubular	\$4550
Marlin 1895 (30" Barrel)	.38-56 Winchester	6.37 kg	5 Tubular, 10 Tubular	\$4611
Marlin 1895 (32" Barrel)	.38-56 Winchester	6.4 kg	6 Tubular, 11 Tubular	\$4672
Marlin 1895 (15" Barrel)	.40-60 Marlin	4.11 kg	3 Tubular, 5 Tubular	\$1107
Marlin 1895 (20" Barrel)	.40-60 Marlin	4.16 kg	4 Tubular, 7 Tubular	\$1158
Marlin 1895 (22" Barrel)	.40-60 Marlin	4.18 kg	4 Tubular, 8 Tubular	\$1178
Marlin 1895 (24" Barrel)	.40-60 Marlin	4.2 kg	5 Tubular, 9 Tubular	\$1199
Marlin 1895 (26" Barrel)	.40-60 Marlin	4.25 kg	5 Tubular, 10 Tubular	\$1219
Marlin 1895 (28" Barrel)	.40-60 Marlin	4.27 kg	6 Tubular, 11 Tubular	\$1240
Marlin 1895 (30" Barrel)	.40-60 Marlin	4.29 kg	6 Tubular, 11 Tubular	\$1260
Marlin 1895 (32" Barrel)	.40-60 Marlin	4.31 kg	6 Tubular, 12 Tubular	\$1281
Marlin 1895 (15" Barrel)	.40-65 Winchester	4.12 kg	3 Tubular, 5 Tubular	\$1115
Marlin 1895 (20" Barrel)	.40-65 Winchester	4.17 kg	4 Tubular, 7 Tubular	\$1166
Marlin 1895 (22" Barrel)	.40-65 Winchester	4.19 kg	4 Tubular, 7 Tubular	\$1186
Marlin 1895 (24" Barrel)	.40-65 Winchester	4.21 kg	5 Tubular, 9 Tubular	\$1207
Marlin 1895 (26" Barrel)	.40-65 Winchester	4.26 kg	5 Tubular, 10 Tubular	\$1228
Marlin 1895 (28" Barrel)	.40-65 Winchester	4.28 kg	6 Tubular, 11 Tubular	\$1248
Marlin 1895 (30" Barrel)	.40-65 Winchester	4.3 kg	6 Tubular, 11 Tubular	\$1269
Marlin 1895 (32" Barrel)	.40-65 Winchester	4.32 kg	6 Tubular, 12 Tubular	\$1289
Marlin 1895 (15" Barrel)	.40-70 Winchester	6.24 kg	2 Tubular, 4 Tubular	\$5352
Marlin 1895 (20" Barrel)	.40-70 Winchester	6.32 kg	3 Tubular, 6 Tubular	\$5505
Marlin 1895 (22" Barrel)	.40-70 Winchester	6.34 kg	3 Tubular, 6 Tubular	\$5566
Marlin 1895 (24" Barrel)	.40-70 Winchester	6.37 kg	4 Tubular, 7 Tubular	\$5627
Marlin 1895 (26" Barrel)	.40-70 Winchester	6.4 kg	4 Tubular, 8 Tubular	\$5688
Marlin 1895 (28" Barrel)	.40-70 Winchester	6.43 kg	4 Tubular, 8 Tubular	\$5749
Marlin 1895 (30" Barrel)	.40-70 Winchester	6.45 kg	5 Tubular, 9 Tubular	\$5810
Marlin 1895 (32" Barrel)	.40-70 Winchester	6.48 kg	5 Tubular, 9 Tubular	\$5871
Marlin 1895 (15" Barrel)	.40-82 Winchester	6.26 kg	2 Tubular, 4 Tubular	\$5371
Marlin 1895 (20" Barrel)	.40-82 Winchester	6.34 kg	3 Tubular, 6 Tubular	\$5524



Marlin 1895 (22" Barrel)	.40-82 Winchester	6.36 kg	3 Tubular, 6 Tubular	\$5585
Marlin 1895 (24" Barrel)	.40-82 Winchester	6.39 kg	4 Tubular, 7 Tubular	\$5646
Marlin 1895 (26" Barrel)	.40-82 Winchester	6.42 kg	4 Tubular, 8 Tubular	\$5707
Marlin 1895 (28" Barrel)	.40-82 Winchester	6.45 kg	4 Tubular, 8 Tubular	\$5768
Marlin 1895 (30" Barrel)	.40-82 Winchester	6.47 kg	5 Tubular, 9 Tubular	\$5830
Marlin 1895 (32" Barrel)	.40-82 Winchester	6.5 kg	5 Tubular, 9 Tubular	\$5891
Marlin 1895 (15" Barrel)	.45-70 Government	4.49 kg	3 Tubular, 5 Tubular	\$1371
Marlin 1895 (20" Barrel)	.45-70 Government	4.55 kg	4 Tubular, 7 Tubular	\$1424
Marlin 1895 (22" Barrel)	.45-70 Government	4.57 kg	4 Tubular, 8 Tubular	\$1445
Marlin 1895 (24" Barrel)	.45-70 Government	4.59 kg	5 Tubular, 9 Tubular	\$1466
Marlin 1895 (26" Barrel)	.45-70 Government	4.64 kg	5 Tubular, 10 Tubular	\$1486
Marlin 1895 (28" Barrel)	.45-70 Government	4.67 kg	5 Tubular, 10 Tubular	\$1507
Marlin 1895 (30" Barrel)	.45-70 Government	4.69 kg	6 Tubular, 11 Tubular	\$1527
Marlin 1895 (32" Barrel)	.45-70 Government	4.71 kg	6 Tubular, 12 Tubular	\$1548
Marlin 1895 (15" Barrel)	.45-90 Winchester	4.71 kg	3 Tubular, 5 Tubular	\$1536
Marlin 1895 (20" Barrel)	.45-90 Winchester	4.77 kg	4 Tubular, 7 Tubular	\$1587
Marlin 1895 (22" Barrel)	.45-90 Winchester	4.79 kg	4 Tubular, 7 Tubular	\$1608
Marlin 1895 (24" Barrel)	.45-90 Winchester	4.81 kg	4 Tubular, 8 Tubular	\$1628
Marlin 1895 (26" Barrel)	.45-90 Winchester	4.87 kg	5 Tubular, 9 Tubular	\$1649
Marlin 1895 (28" Barrel)	.45-90 Winchester	4.9 kg	5 Tubular, 9 Tubular	\$1669
Marlin 1895 (30" Barrel)	.45-90 Winchester	4.92 kg	5 Tubular, 10 Tubular	\$1690
Marlin 1895 (32" Barrel)	.45-90 Winchester	4.94 kg	6 Tubular, 11 Tubular	\$1710
Marlin 1895 Lightweight	.33 Winchester	3.54 kg	4 Tubular	\$3163

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Marlin 1895 (15", .33)	LA	4	2-3-Nil	6	4	Nil	40
Marlin 1895 (20", .33)	LA	4	2-3-Nil	7	4	Nil	62
Marlin 1895 (22", .33)	LA	4	2-3-Nil	7	4	Nil	72
Marlin 1895 (24", .33)	LA	5	2-3-Nil	8	4	Nil	82
Marlin 1895 (26", .33)	LA	5	2-3-Nil	8	4	Nil	92
Marlin 1895 (28", .33)	LA	5	2-3-Nil	8	4	Nil	100
Marlin 1895 (30", .33)	LA	5	2-4-Nil	9	5	Nil	107
Marlin 1895 (32", .33)	LA	5	2-4-Nil	9	5	Nil	114
Marlin 1895 (15", .38-56)	LA	5	2-3-Nil	7	4	Nil	40
Marlin 1895 (20", .38-56)	LA	5	2-4-Nil	7	5	Nil	62
Marlin 1895 (22", .38-56)	LA	5	2-4-Nil	8	5	Nil	72
Marlin 1895 (24", .38-56)	LA	5	2-4-Nil	8	5	Nil	82
Marlin 1895 (26", .38-56)	LA	5	2-4-Nil	8	5	Nil	92
Marlin 1895 (28", .38-56)	LA	5	2-4-Nil	9	5	Nil	99
Marlin 1895 (30", .38-56)	LA	5	2-4-Nil	9	5	Nil	107
Marlin 1895 (32", .38-56)	LA	5	2-4-Nil	9	5	Nil	114
Marlin 1895 (15", .40-60)	LA	3	1-Nil	5	3	Nil	40
Marlin 1895 (20", .40-60)	LA	3	2-Nil	6	3	Nil	62
Marlin 1895 (22", .40-60)	LA	3	2-Nil	6	3	Nil	72
Marlin 1895 (24", .40-60)	LA	3	2-Nil	7	4	Nil	82
Marlin 1895 (26", .40-60)	LA	3	2-Nil	7	4	Nil	92
Marlin 1895 (28", .40-60)	LA	3	2-Nil	7	4	Nil	100
Marlin 1895 (30", .40-60)	LA	3	2-Nil	8	4	Nil	107
Marlin 1895 (32", .40-60)	LA	3	2-Nil	8	4	Nil	114
Marlin 1895 (15", .40-65)	LA	3	1-Nil	5	3	Nil	40
Marlin 1895 (20", .40-65)	LA	3	2-Nil	6	3	Nil	62
Marlin 1895 (22", .40-65)	LA	3	2-Nil	6	3	Nil	72
Marlin 1895 (24", .40-65)	LA	3	2-Nil	7	4	Nil	82
Marlin 1895 (26", .40-65)	LA	3	2-Nil	7	4	Nil	92
Marlin 1895 (28", .40-65)	LA	3	2-Nil	7	4	Nil	99
Marlin 1895 (30", .40-65)	LA	3	2-Nil	8	4	Nil	107
Marlin 1895 (32", .40-65)	LA	3	2-Nil	8	4	Nil	114
Marlin 1895 (15", .40-70)	LA	5	2-4-Nil	7	5	Nil	39
Marlin 1895 (20", .40-70)	LA	5	2-4-Nil	8	5	Nil	62
Marlin 1895 (22", .40-70)	LA	6	2-4-Nil	8	5	Nil	72

Marlin 1895 (24", .40-70)	LA	6	2-4-Nil	9	5	Nil	82
Marlin 1895 (26", .40-70)	LA	6	2-4-Nil	9	5	Nil	82
Marlin 1895 (28", .40-70)	LA	6	2-4-Nil	9	5	Nil	103
Marlin 1895 (30", .40-70)	LA	6	2-4-Nil	10	5	Nil	114
Marlin 1895 (32", .40-70)	LA	6	2-4-Nil	10	5	Nil	121
Marlin 1895 (15", .40-82)	LA	5	2-4-Nil	7	5	Nil	39
Marlin 1895 (20", .40-82)	LA	5	2-4-Nil	8	5	Nil	62
Marlin 1895 (22", .40-82)	LA	6	2-4-Nil	8	5	Nil	72
Marlin 1895 (24", .40-82)	LA	6	2-4-Nil	9	5	Nil	82
Marlin 1895 (26", .40-82)	LA	6	2-4-Nil	9	5	Nil	92
Marlin 1895 (28", .40-82)	LA	6	2-4-Nil	9	5	Nil	103
Marlin 1895 (30", .40-82)	LA	6	2-4-Nil	10	5	Nil	114
Marlin 1895 (32", .40-82)	LA	6	2-4-Nil	10	5	Nil	121
Marlin 1895 (15", .45-70)	LA	3	2-Nil	5	3	Nil	40
Marlin 1895 (20", .45-70)	LA	4	2-Nil	6	4	Nil	62
Marlin 1895 (22", .45-70)	LA	4	2-3-Nil	7	4	Nil	72
Marlin 1895 (24", .45-70)	LA	4	2-3-Nil	7	4	Nil	82
Marlin 1895 (26", .45-70)	LA	4	2-3-Nil	7	4	Nil	92
Marlin 1895 (28", .45-70)	LA	4	2-3-Nil	8	4	Nil	99
Marlin 1895 (30", .45-70)	LA	4	2-3-Nil	8	4	Nil	107
Marlin 1895 (32", .45-70)	LA	4	2-3-Nil	8	4	Nil	114
Marlin 1895 (15", .45-90)	LA	3	2-Nil	5	4	Nil	39
Marlin 1895 (20", .45-90)	LA	4	2-Nil	6	4	Nil	62
Marlin 1895 (22", .45-90)	LA	4	2-3-Nil	7	4	Nil	72
Marlin 1895 (24", .45-90)	LA	4	2-3-Nil	7	4	Nil	82
Marlin 1895 (26", .45-90)	LA	4	2-3-Nil	7	4	Nil	92
Marlin 1895 (28", .45-90)	LA	4	2-3-Nil	8	4	Nil	103
Marlin 1895 (30", .45-90)	LA	4	2-3-Nil	8	4	Nil	114
Marlin 1895 (32", .45-90)	LA	4	2-3-Nil	8	4	Nil	121
Marlin 1895 Lightweight	LA	5	2-3-Nil	8	5	Nil	82



**Mossberg 400 Palomino**

Notes: The Model 400 was built from 1959-71, and was for the most a standard-pattern rimfire lever-action rifle. The receiver was slab-sided, with a tubular underbarrel magazine and a lever loop curved to fit the pistol grip wrist of the stock. The stock was of the Monte Carlo-type, with checkering on the pistol grip wrist. The fore-end was short and squared in cross-section; the pistol grip wrist cap and the buttplate had decorative white spacers. Barrel length was 24 inches, with sighting being done through a spring-leaf and elevator rear sight and bead front sight. The Model 400-A was virtually identical, but used a fixed notch-type rear sight which was dovetailed in and replaceable. It is identical to the Model 400 for game purposes.

The Model 402 was a carbine variant which proved to be far more popular than the rifle version. The Model 402 was introduced in 1961 with an 18.5-inch barrel, but this was replaced by a 20-inch barrel in 1964. Sights were simple but adjustable, and sling swivels were standard.

Weapon	Ammunition	Weight	Magazines	Price
Mossberg 400	.22 Short, .22 Long, or .22 Long Rifle	2.49 kg	20 (.22 Short), 17 (.22 Long), 15 (.22 Long Rifle); Tubular	\$349
Mossberg 402 (18.5" Barrel)	.22 Short, .22 Long, or .22 Long Rifle	2.18 kg	20 (.22 Short), 17 (.22 Long), 15 (.22 Long Rifle); Tubular	\$294
Mossberg 402 (20" Barrel)	.22 Short, .22 Long, or .22 Long Rifle	2.18 kg	20 (.22 Short), 17 (.22 Long), 15 (.22 Long Rifle); Tubular	\$309

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mossberg 400 (.22 Short)	LA	-2	Nil	6	1	Nil	40
Mossberg 400 (.22 Long)	LA	1	Nil	6	1	Nil	44
Mossberg 400 (.22 Long Rifle)	LA	1	Nil	6	1	Nil	48
Mossberg 402 (18.5", .22 Short)	LA	-2	Nil	5	1	Nil	31
Mossberg 402 (18.5", .22 Long)	LA	1	Nil	5	1	Nil	35
Mossberg 402 (18.5", .22 Long Rifle)	LA	1	Nil	5	1	Nil	38
Mossberg 402 (20", .22 Short)	LA	-2	Nil	5	1	Nil	33
Mossberg 402 (20", .22 Long)	LA	1	Nil	5	1	Nil	37
Mossberg 402 (20", .22 Long Rifle)	LA	1	Nil	5	1	Nil	41

**Mossberg 464**

Notes: This lever-action rifle harkens back to earlier rifle designs of the early 20<sup>th</sup> century, with a classic design graced by some modern features. It is heavily influenced by the Winchester 94, and is meant to replace it as a US-built traditional lever-action rifle. The stock and foregrip are hardwood finished to look like walnut; this makes the rifle lighter while not spoiling its traditional looks. The .30-30 version is available with a straight wrist or a pistol grip wrist; the rimfire model is available only with a straight wrist. .30-30 models come with a 20-inch barrel, while the rimfire model uses an 18-inch barrel. Sights consist of a folding adjustable rear sight and a bead front sight, and the receiver is also drilled and tapped for a scope mount. The manual safety is on the tang; when it is applied, the trigger movement is blocked.

Weapon	Ammunition	Weight	Magazines	Price

Mossberg 464	.30-30 Winchester	3.04 kg	7 Tubular	\$2643
Mossberg 464	.22 Long Rifle	2.54 kg	14 Tubular	\$344

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mossberg 464 (.30-30)	LA	4	2-3-Nil	7	5	Nil	81
Mossberg 464 (.22)	LA	1	Nil	6	1	Nil	48

**Mossberg 472**

Notes: The Model 472 was introduced in 1972, and is based mostly on the old-style Browning-designed Winchester rifles, but with some elements similar to those of the Marlin 336 and the Mossberg 400. Production continued until 1982.

The locking-bolt mechanism is basically pure Winchester, but the trigger mechanism was attached to the lever loop, enabling very rapid firing. The Model 472 is side-ejecting, so it is possible to have the rifle drilled and tapped or grooved for a scope mount, though it does not come from the factory in that condition.

The basic version of the Model 472 is the Model 472PR, with a pistol grip wrist stock, curved buttplate, a short magazine, and a 24-inch barrel. The Model 472PC is the carbine counterpart, with a 20-inch barrel but a slightly longer full-length magazine. (The Model 472SC is the same weapon except for its straight wrist stock, and is identical to the Model 472PC for game purposes, the Model 472SR is the same idea, but based on the Model 472PR.) The Model 479PCA is essentially an improved .30-30 version of the Model 472PC; the Model 479PR is an improved Model 472PR, and the Model 479SR is an improved 472SR. The improvements made are all in the area of their safety mechanisms, and they are all identical to their predecessors for game purposes.

The Models 472SA and 472SB Brush Guns were chambered for .30-30 and .35 caliber respectively, used straight wrist stocks, and had full-length magazines (for the length of their 18-inch barrels). Mechanisms were the same as the other Model 472s.

Weapon	Ammunition	Weight	Magazines	Price
Mossberg 472PR	.30-30 Winchester	3.19 kg	5 Tubular	\$2643
Mossberg 472PR	.35 Remington	3.65 kg	5 Tubular	\$3792
Mossberg 472PC	.30-30 Winchester	3.11 kg	6 Tubular	\$2602
Mossberg 472PC	.35 Remington	3.55 kg	6 Tubular	\$3670
Mossberg 472SA	.30-30 Winchester	3.08 kg	5 Tubular	\$2582
Mossberg 472SB	.35 Remington	3.51 kg	5 Tubular	\$3609

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mossberg 472PR (.30-30)	LA	4	2-3-Nil	7	5	Nil	81
Mossberg 472PR (.35)	LA	5	2-4-Nil	8	6	Nil	81
Mossberg 472PC (.30-30)	LA	4	2-3-Nil	7	5	Nil	62
Mossberg 472PC (.35)	LA	5	2-3-Nil	7	5	Nil	62
Mossberg 472SA	LA	4	2-3-Nil	6	5	Nil	53
Mossberg 472SB	LA	4	2-3-Nil	7	5	Nil	53

**Navy Arms Henry**

Notes: This is a very old-style design, with an octagonal barrel, iron frame, and folding leaf sights. It is a faithful reproduction of an American classic.

Weapon	Ammunition	Weight	Magazines	Price
Navy Arms Henry (16.5" Barrel)	.44-40 Winchester	3.4 kg	7 Tubular	\$1680
Navy Arms Henry (22" Barrel)	.44-40 Winchester	3.8 kg	9 Tubular	\$1737
Navy Arms Henry (24" Barrel)	.44-40 Winchester	4.2 kg	9 Tubular	\$1757

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Navy Arms Henry (16.5")	LA	5	2-3-Nil	6	5	Nil	46
Navy Arms Henry (22")	LA	5	2-4-Nil	7	6	Nil	62
Navy Arms Henry (24")	LA	5	2-4-Nil	8	6	Nil	69

**Reeder Alaskan Classic**

Notes: This is a highly-customized version of the Marlin 1895. The standard barrel is replaced by a shorter but heavier 16.25-inch barrel, with Reeder Deep Throat chambering to allow it to digest virtually any sort of ammunition. The barrel is also target-crowned, and engraved with scrollwork and the legend "Gary Reeder Alaskan Classic." The iron sights are replaced by an XS Ghost Ring rear and Reeder Barrel-Band front sight. The standard tubular magazine is replaced by a heavy-duty tube tightly secured to the barrel. The stock has a Pachmayr Decelerator recoil pad on the butt. The receiver is also engraved, with hunting scenes of the customer's choice. The ejection port is greatly enlarged, and the action lever is likewise enlarged. The action is tuned to be super smooth in operation. The metalwork's finish is bead-blasted stainless steel, except for the engraved sides of the receiver, which are bright stainless steel. However, a black ChromeX finish is optional.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Alaskan Classic	.45-70 Government	2.27 kg	6 Tubular	\$1462
Alaskan Classic	.444 Marlin	2.19 kg	6 Tubular	\$1344
Alaskan Classic	.450 Marlin	2.27 kg	6 Tubular	\$1453

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Alaskan Classic (.45-70)	LA	3	2-Nil	5	4	Nil	48
Alaskan Classic (.444)	LA	4	1-2-Nil	5	3	Nil	57
Alaskan Classic (.450)	LA	4	1-2-Nil	5	4	Nil	57

**Remington Nylon 76 Trail Rider**

Notes: The Nylon 76 is a modification of the Nylon 66 semiautomatic rifle; it is basically the autoloader with a lever attached to the bolt and the semiautomatic feature removed. This weapon was supposed to appeal to people who wanted a modern equivalent of an old-fashioned rifle, but it seems not many of those existed, and the conversion of the Nylon 66 to a lever-action rifle didn't really work that

well, either. Production was stopped after less than two years.

Weapon	Ammunition	Weight	Magazines	Price
Nylon 76	.22 Long Rifle	1.88 kg	14 Tubular	\$311

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Nylon 76	LA	1	Nil	5	1	Nil	40

**Ruger 96**

Notes: The Ruger 96 includes four rifles in four different calibers. All have an 18.5-inch barrel and are roughly the same size (about 37 inches long), and are similar to the Ruger 10/22 but in lever-action. The action is of course, entirely different, being a magazine-fed lever-action rifle. The receivers of the rimfire versions are made of aluminum alloy, while the .44 Magnum version has a steel receiver. The rimfire versions are drilled and tapped for a scope; the .44 Magnum version has an integral scope base.

Weapon	Ammunition	Weight	Magazines	Price
Ruger 96/17M	.17 Hornady Rimfire Magnum	2.38 kg	9	\$586
Ruger 96/22	.22 Long Rifle	2.27 kg	10	\$289
Ruger 96/22M	.22 Winchester Magnum Rimfire	2.49 kg	9	\$352
Ruger 96/44M	.44 Magnum	2.84 kg	4	\$854

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ruger 96/17M	LA	2	1-1-Nil	5	2	Nil	57
Ruger 96/22	LA	1	Nil	5	1	Nil	38
Ruger 96/22M	LA	1	Nil	5	1	Nil	57
Ruger 96/44M	LA	4	1-Nil	5	3	Nil	62

**Savage 99 (Pre-World War 2)**

Notes: This rifle is a descendant of earlier Savage lever-action designs stretching back to 1887. The Savage 99 was designed shortly after World War 1, and production stopped shortly after World War 2 began. The Savage 99 is fed from an internal rotary magazine, unusual for a lever-action rifle. Most of these pre-World War 2 rifles are essentially identical for game purposes, but the following variants of note exist.

The Model 99E is a carbine form of the Model 99; it has a 20-inch barrel. The Model 99F (Featherweight) is a lightened takedown version. The Model 99R fired only two different cartridges, but used a 24-inch barrel for the .300 Savage chambering.

Weapon	Ammunition	Weight	Magazines	Price
Savage 99A	.300 Savage	3.31 kg	5 Internal	\$2440
Savage 99A	.303 Savage	3.44 kg	5 Internal	\$2659
Savage 99A	.30-30 Winchester	3.42 kg	5 Internal	\$2628
Savage 99E	.250 Savage	2.86 kg	5 Internal	\$1789
Savage 99E	.300 Savage	3.23 kg	5 Internal	\$2420
Savage 99E	.303 Savage	3.42 kg	5 Internal	\$2638
Savage 99E	.30-30 Winchester	3.4 kg	5 Internal	\$2607
Savage 99F	.250 Savage	2.62 kg	5 Internal	\$1810
Savage 99F	.300 Savage	2.95 kg	5 Internal	\$2440
Savage 99F	.303 Savage	3.13 kg	5 Internal	\$2659
Savage 99F	.30-30 Winchester	3.11 kg	5 Internal	\$2628
Savage 99R	.250 Savage	3.29 kg	5 Internal	\$1810
Savage 99R	.300 Savage	3.79 kg	5 Internal	\$2461

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 99A/F (.300)	LA	4	2-3-Nil	7	5	Nil	71
Savage 99A/F (.303)	LA	4	2-3-Nil	7	5	Nil	72
Savage 99A/F (.30-30)	LA	4	2-3-Nil	7	5	Nil	72
Savage 99E (.250)	LA	3	2-Nil	6	3	Nil	59
Savage 99E (.300)	LA	4	2-3-Nil	7	5	Nil	62
Savage 99E (.303)	LA	4	2-3-Nil	7	5	Nil	62
Savage 99E (.30-30)	LA	4	2-3-Nil	7	5	Nil	62
Savage 99F/R (.250)	LA	3	2-Nil	7	3	Nil	67
Savage 99R (.300)	LA	4	2-3-Nil	7	4	Nil	80

**Savage 99 (Post-World War 2)**

Notes: Production of the Savage 99 continued after World War 2. The rifles produced were largely the same as the pre-war rifles, but were built with more modern methods and in some cases, materials. Some new options were also offered in some cases, such as detachable box magazines. Chamberings also evolved into more modern ones. However, by 1985, all production of the Savage 99 series had stopped with the exception of the 99C. An amazing amount of over one million of the Savage 99 series had been built; it is perhaps the most common lever-action rifle in the world.

The post-war Model 99A was basically a modernized version of the pre-war rifle, with better safeties, and dropping of the .303 Savage and .30-30 Winchester chamberings in favor of .243 Winchester and 7.62mm NATO. The Model 99C has a detachable box magazine. A new Model 99E, also a carbine version, was developed, as well as a new Model 99F. A new 99R was also made, but all of these had 24-inch barrels in post-war form.

Weapon	Ammunition	Weight	Magazines	Price
Savage 99A	.243 Winchester	2.9 kg	5 Internal	\$1744
Savage 99A	.250 Savage	2.94 kg	5 Internal	\$1810
Savage 99A	.300 Savage	3.31 kg	5 Internal	\$2440
Savage 99A	7.62mm NATO	3.47 kg	5 Internal	\$2604
Savage 99C	.243 Winchester	2.82 kg	4	\$1744
Savage 99C	.284 Winchester	3.4 kg	3	\$2430
Savage 99C	7.62mm NATO	3.37 kg	4	\$2603
Savage 99E	.243 Winchester	2.88 kg	5 Internal	\$1724
Savage 99E	.250 Savage	2.92 kg	5 Internal	\$1789
Savage 99E	.300 Savage	3.29 kg	5 Internal	\$2420
Savage 99E	7.62mm NATO	3.45 kg	5 Internal	\$2584
Savage 99F	.243 Winchester	2.46 kg	5 Internal	\$1744
Savage 99F	.250 Savage	2.5 kg	5 Internal	\$1810
Savage 99F	7.62mm NATO	2.95 kg	5 Internal	\$2604
Savage 99R	.243 Winchester	2.92 kg	5 Internal	\$1765



<b>Savage 99R</b>	.250 Savage	2.96 kg	5 Internal	\$1830
<b>Savage 99R</b>	.300 Savage	3.33 kg	5 Internal	\$2461
<b>Savage 99R</b>	7.62mm NATO	3.49 kg	5 Internal	\$2624
<b>Savage 99R</b>	.358 Winchester	4.07 kg	5 Internal	\$3939

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Savage 99A (.243)</b>	LA	3	2-Nil	7	3	Nil	60
<b>Savage 99A (.250)</b>	LA	3	2-Nil	7	3	Nil	67
<b>Savage 99A (.300)</b>	LA	4	2-3-Nil	7	5	Nil	71
<b>Savage 99A (7.62mm)</b>	LA	4	2-3-Nil	7	5	Nil	72
<b>Savage 99C (.243)</b>	LA	3	2-Nil	7	3	Nil	60
<b>Savage 99C (.284)</b>	LA	4	2-3-Nil	7	4	Nil	75
<b>Savage 99C (7.62mm)</b>	LA	4	2-3-Nil	7	5	Nil	72
<b>Savage 99E (.243)</b>	LA	3	2-Nil	6	3	Nil	52
<b>Savage 99E (.250)</b>	LA	3	2-Nil	6	3	Nil	59
<b>Savage 99E (.300)</b>	LA	4	2-3-Nil	7	5	Nil	62
<b>Savage 99E (7.62mm)</b>	LA	4	2-3-Nil	7	4	Nil	62
<b>Savage 99F (.243)</b>	LA	3	2-Nil	7	4	Nil	60
<b>Savage 99F (.250)</b>	LA	3	2-Nil	7	4	Nil	67
<b>Savage 99F (7.62mm)</b>	LA	4	2-3-Nil	7	5	Nil	72
<b>Savage 99R (.243)</b>	LA	3	2-Nil	7	3	Nil	68
<b>Savage 99R (.250)</b>	LA	3	2-Nil	7	5	Nil	76
<b>Savage 99R (.300)</b>	LA	4	2-3-Nil	7	5	Nil	80
<b>Savage 99R (7.62mm)</b>	LA	4	2-3-Nil	7	5	Nil	81
<b>Savage 99R (.358)</b>	LA	5	2-4-Nil	8	6	Nil	81

### Shiloh Sharps 1874 Saddle Rifle

Notes: This is a reproduction of the Sharps 1874 Saddle Rifle by Shiloh Rifle Manufacturing of Montana. This particular version of their Sharps 1874 reproductions (they make 11 reproductions of the various types of Sharps 1874 rifles), is sort of a "carbine" model, one of the shorter-barreled models they make, with a 26" barrel. It comes in several chamberings, and is able to fire both blackpowder and modern loads. The barrel is octagonal, with several weights available (the version below is with the heavy barrel). The standard stock is a straight-grain walnut stock with a straight wrist, but a version made from beautiful semi-fancy American black walnut is also available, as well as woods of fancy, extra-fancy, and presentation-grades. The finish on the metal may be color case-hardened, French gray, bone & charcoal, matte blued, or antique metal, with a pewter fore-end grip. The butt may be sculpted out of the wood, have a steel plate, or a rubber end. This rifle is lever-action, with a falling-block operation and single shot.

Twilight 2000 Notes: This is a very rare weapon in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
<b>Sharps 1874 Saddle Rifle</b>	.30-40 Krag	4.26 kg	1 Internal	\$1637
<b>Sharps 1874 Saddle Rifle</b>	.38-55 Ballard	4.53 kg	1 Internal	\$697
<b>Sharps 1874 Saddle Rifle</b>	.40-50 Sharps Straight	4.42 kg	1 Internal	\$700
<b>Sharps 1874 Saddle Rifle</b>	.40-70 Sharps Straight	4.72 kg	1 Internal	\$837
<b>Sharps 1874 Saddle Rifle</b>	.40-90 Sharps Straight	5.06 kg	1 Internal	\$1003
<b>Sharps 1874 Saddle Rifle</b>	.44-77 Sharps & Remington	4.84 kg	1 Internal	\$890
<b>Sharps 1874 Saddle Rifle</b>	.44-90 Sharps Straight	5.04 kg	1 Internal	\$992
<b>Sharps 1874 Saddle Rifle</b>	.45-70 Government	4.99 kg	1 Internal	\$881
<b>Sharps 1874 Saddle Rifle</b>	.45-90 Sharps	5.16 kg	1 Internal	\$965
<b>Sharps 1874 Saddle Rifle</b>	.45-100 Sharps	5.27 kg	1 Internal	\$1021
<b>Sharps 1874 Saddle Rifle</b>	.45-110 Sharps	5.35 kg	1 Internal	\$1064
<b>Sharps 1874 Saddle Rifle</b>	.45-120 Sharps	5.62 kg	1 Internal	\$1205
<b>Sharps 1874 Saddle Rifle</b>	.50-70 Government	5.05 kg	1 Internal	\$894
<b>Sharps 1874 Saddle Rifle</b>	.50-90 Sharps	5.6 kg	1 Internal	\$1160

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Sharps 1874 Saddle Rifle (.30-40)</b>	SS	4	2-3-Nil	6	4	Nil	86
<b>Sharps 1874 Saddle Rifle (.38-55)</b>	SS	3	2-Nil	6	3	Nil	92
<b>Sharps 1874 Saddle Rifle (.40-50)</b>	SS	3	2-Nil	6	3	Nil	87
<b>Sharps 1874 Saddle Rifle (.40-70)</b>	SS	4	2-Nil	6	4	Nil	92
<b>Sharps 1874 Saddle Rifle (.40-90)</b>	SS	4	2-3-Nil	6	4	Nil	80
<b>Sharps 1874 Saddle Rifle (.44-77)</b>	SS	4	2-3-Nil	6	4	Nil	92

Sharps 1874 Saddle Rifle (.44-90)	SS	4	2-3-Nil	6	4	Nil	92
Sharps 1874 Saddle Rifle (.45-70)	SS	4	2-3-Nil	6	4	Nil	92
Sharps 1874 Saddle Rifle (.45-90)	SS	4	2-3-Nil	6	4	Nil	92
Sharps 1874 Saddle Rifle (.45-100)	SS	4	2-3-Nil	6	4	Nil	92
Sharps 1874 Saddle Rifle (.45-110)	SS	4	1-2-3	6	4	Nil	92
Sharps 1874 Saddle Rifle (.45-120)	SS	5	1-2-3	6	4	Nil	91
Sharps 1874 Saddle Rifle (.50-70)	SS	4	2-3-Nil	6	4	Nil	84
Sharps 1874 Saddle Rifle (.50-90)	SS	4	2-3-Nil	6	4	Nil	92

**Smith & Wesson 320 Revolving Rifle**

Notes: This is a small-arms revolver taken to its greatest (and some would say, most ridiculous) extreme. The revolver portion is essentially a Smith & Wesson #3 with very long barrels and a forearm sleeve attached. At the time of its introduction, the Model 320 was considered expensive, deficient in onboard ammo supply, and somewhat of a contrivance, and few were built and even less sold. 239 of the 16-inch-barrel version were built, 514 of the 18-inch-barrel model, 224 of the 20-inch-barrel versions were built. The barrel could not be removed and the revolver returned to its pistol form only with the services of a skilled armorer. The .320 Revolving Rifle cartridge was made specifically for this weapon. These rifles were produced from 1879-1887.

The stock is designed to fit into grooves on the back of the revolver's grip, with a claw going around the bottom of the grip. The stock is otherwise made from Circassian Walnut and design-wise, similar to the stock that was available for Model #3 for a short time. The stock has a black hard rubber textured butt plate. The rear sight attaches to the front of the stock, and is a ladder-type sight on a long, folding riser. There is no rear sight on the actual revolver.

Today, if you find one with the stock, box, and cartridge box, keep it, you may need to make a down payment on a car someday; the RL price is greatly in excess of the T2K price.

The figures below are for the rifle configuration, with stock, if you try to fire without one, it is one level more difficult to hit. The stock, however, is \$25 less if you don't have one.

Weapon	Ammunition	Weight	Magazines	Price
S&W 320 (16" Barrel)	.320 Revolving Rifle	2.09 kg	6 Cylinder	\$230
S&W 320 (18" Barrel)	.320 Revolving Rifle	2.2 kg	6 Cylinder	\$251
S&W 320 (20" Barrel)	.320 Revolving Rifle	2.3 kg	6 Cylinder	\$271

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
S&W 320 (16")	DAR	1	Nil	4	2	Nil	33
S&W 320 (18")	DAR	1	Nil	5	1	Nil	38
S&W 320 (20")	DAR	1	Nil	5	1	Nil	42

**Taylor's & Company Spencer Rifle**

Notes: This is a modern reproduction of the Civil War Spencer Rifle. This reproduction is capable of firing cased blackpowder and smokeless powder rounds. The Taylor's & Company reproduction is built by Armi Sport in Italy, but Kenny Howell of Taylor's & Company owns the rights to the Spencer Rifle Company name, so they actually sell the rifle. This reproduction has an oil-finished walnut stock, and a color case-hardened receiver, with a blued barrel. The rear sight is a Sharps type with a thick blade-type front sight. The Taylor's & Company reproduction shoots high at short range when using these sights; this is because the original Spencer rifle did exactly the same thing, and the reproduction is designed to mimic this behavior. A deviation from the original is the magazine; original Spencers held seven rounds, regardless of caliber. The statistics below are for smokeless powder rounds.

Weapon	Ammunition	Weight	Magazines	Price
Spencer Rifle	.44 S&W Russian	3.9 kg	9 Tubular	\$713
Spencer Rifle	.45 S&W Schofield	4.14 kg	9 Tubular	\$843
Spencer Rifle	.56-50 Spencer	4.3 kg	6 Tubular	\$963

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Spencer Rifle (.44)	LA	2	1-Nil	6	2	Nil	50
Spencer Rifle (.45)	LA	3	1-Nil	6	2	Nil	52
Spencer Rifle (.56-50)	LA	3	2-Nil	6	3	Nil	51

Winchester M-71

Notes: The M-71 was sort of star-crossed from the beginning. Designed specifically to fire the .348 Winchester round, the rifle and its ammunition were designed to replace not only a whole gang of cartridges (such as the .33 Winchester, .45-70 Government, and the .405 Winchester, amongst others), but several rifles then in production such as the M-1895, M-1886, and to serve as a complement to the M-70 bolt-action rifle. Unfortunately, this was in 1935. With the Great Depression lingering on and shooters not having the cash for a new rifle and its then-proprietary ammunition, the M-71 did not sell well until 1953, when it was discontinued after nearly two decades of poor sales. Which is too bad, since the M-71 and its ammunition were state-of-the-art for the time.

And it may have a “too-bad” story – but Winchester brought it back to its lineup in mid-2012 in virtually an identical version (changed mostly in production methods and metal quality) and firing the same cartridge as before. Sales are not great, but it is a great rifle for those who never got an M-71 the first time it was around.

The M-71 is essentially a product-improved version of the Winchester M-1886 rifle, and the two can be confused before a close inspection.

A version of the M-71 was released by Browning in the mid-1980s as a limited edition; it showed the same craftsmanship as the original M-71, but also winked out fast. Winchester M-71 and Browning M-71 barrels can actually be interchanged, as can those of the older versions and the new production versions.

The M-71 originally came with two barrel lengths – a 24-inch barrel rifle and a 20-inch barrel carbine. Current production is of the rifle only. The barrels are round but tapered. Stocks are Walnut (select-quality in the new production version); external metalwork is blued (and deeply-polished in the new production). They have a blued steel tubular magazine cap. The wrist is straight, with a trigger guard sized for use with gloves. Sights are a rear hooded buckhorn and a front hooded bead, making target acquisition quick. The hammer is exposed and there is a top-tang safety designed for visibility of the weapon’s state. The M-71 is drilled and tapped for a side-mount scope. The Deluxe version differs primarily in the high grade of wood used and the finish of the wood and checkering; in the past, Deluxe versions of the Rifle and Carbine were both made. For most game tasks, the older and newer versions are identical except for the weight of the different ages (due to different production methods).

Weapon	Ammunition	Weight	Magazines	Price
M-71 Rifle (Old)	.348 Winchester	3.95 kg	4 Tubular	\$4136
M-71 Carbine	.348 Winchester	3.86 kg	4 Tubular	\$4014
M-71 Rifle (New)	.348 Winchester	3.63 kg	4 Tubular	\$4136

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-71 Rifle (Old)	LA	5	2-4-Nil	7	5	Nil	82
M-71 Carbine	LA	5	2-3-Nil	6	5	Nil	62
M-71 Rifle (New)	LA	5	2-4-Nil	7	6	Nil	82

Winchester M-88

Notes: Built in large numbers, this lever-action rifle was designed to reliably feed pointed-nose projectiles by putting the cartridges in a box magazine. It uses a short-throw lever and has a one-piece stock. A 5-round capacity version was tried, but this strained the magazine spring and the magazine capacity quickly reverted to four. A carbine version is also built, with a 19-inch barrel.

Weapon	Ammunition	Weight	Magazines	Price
M-88	.243 Winchester	2.67 kg	4	\$1748
M-88	.284 Winchester	2.96 kg	4	\$2415
M-88	7.62mm NATO	3.09 kg	4	\$2609
M-88	.358 Winchester	3.52 kg	4	\$3885
M-88 Carbine	.243 Winchester	2.65 kg	4	\$1713
M-88 Carbine	.284 Winchester	2.93 kg	4	\$2384
M-88 Carbine	7.62mm NATO	3.06 kg	4	\$2578
M-88 Carbine	.358 Winchester	3.49 kg	4	\$3793

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-88 (.243)	LA	3	2-Nil	7	4	Nil	60
M-88 (.284)	LA	4	2-3-Nil	7	5	Nil	66
M-88 (7.62mm)	LA	4	2-3-Nil	7	5	Nil	72
M-88 (.358)	LA	5	2-3-Nil	7	5	Nil	72
M-88 Carbine (.243)	LA	3	2-Nil	6	4	Nil	48
M-88 Carbine (.284)	LA	4	2-3-Nil	6	5	Nil	53
M-88 Carbine (7.62mm)	LA	4	2-3-Nil	6	5	Nil	58

<b>M-88 Carbine (.358)</b>	LA	5	2-3-Nil	7	5	Nil	58
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## Winchester M-94

Notes: This weapon comes in several versions and calibers. Perhaps the most popular American lever-action rifle, the Winchester M-94 has safety catch, side-ejection, and provisions for a scope mount. The Model 94 Trapper is a carbine version; the Model 94XTR is a version in 7-30 Waters; the Model 94 Big Bore is a model in more powerful calibers; and the Model 9422XTR is a small-caliber version. The M-94 Ranger is a lightweight version of the .30-30 M-94's 20-inch barrel version; the Ranger is lighter, but is not nearly as strongly-built, and there is a lot of play in its parts, especially in the cocking lever. The trigger also has a lot of overtravel and feels spongy. The Winchester M-94 Timber is designed specifically for the powerful .450 Marlin cartridge, and uses a shorter 18-inch barrel and a 3/4-length magazine that still holds only four rounds; the barrel is ported to further tame the .450 Marlin's recoil, and a rubber recoil pad is located in the butt. The Timber Scout is a smaller "scout rifle" version of the Timber, with a forward "stalker-mounted" MIL-STD-1913 sight rail (which may be removed and replaced with other types of scope mounts if desired), backup XS Ghost Ring sights, stainless steel receiver, barrel, and magazine tube (with the receiver being blued), and a walnut stock and pump slide. It is chambered for smaller cartridges than the Timber. In 2006, a takedown version of the Timber Scout was introduced; this version fires all three Timber cartridges, and the barrel, magazine, scope mount, and pump slide may be removed from the receiver and stock as a unit for transport. It is otherwise identical to the Timber and Timber Scout for game purposes, though the .450 Marlin version uses the forward-mounted scope mount that the Timber Scout uses.

The Winchester 94 Trails End is a new carbine model introduced in the past few years; it is intended both for cowboy shooting enthusiasts and the general user. It has the features present in Old-West-style carbines, such as a saddle ring, an extended fore-end, a gold bead front sight, and a top tang safety. The Trails End Hunter Round was introduced in 2005, with a straight metal butt plate and drilled and tapped for a safety, as well as having a hammer spur extension. The Trails End Octagon uses a crescent-shaped butt plate and a heavy octagonal barrel for extra accuracy. It may be blued or in case-color hardened metalwork (other Trails End carbines are blued only). The Trails End Hunter Octagon is basically a rifle-caliber Trails End Octagon in case-color hardened finish. Though these are excellent carbines, the lack of drilling and tapping on most of them (or even adjustable sights) limits their utility somewhat, and the trigger pull is a bit hard at 7 pounds. Their magazine capacity, however, is commendable, particularly in pistol calibers.

In early 2006, Winchester revealed that the Winchester 94 production line would be discontinued on 31 March 2006. Already-produced Model 94s will continue to be sold, but they will be sold by the US Repeating Arms subsidiary in Belgium. No new Model 94s will be produced after 31 March. (For that matter, the Winchester factory itself is being closed down, and the Winchester name is to be sold to US Repeating Arms, with further production of "Winchester" rifles being carried out in Belgium, Portugal, and Japan.)

Twilight 2000 Notes: The M-94 Timber, Timber Scout and Trails End series do not exist, nor does the M-9417. On the bright side, Winchester is still located in the US, even if the factory is abandoned...

Weapon	Ammunition	Weight	Magazines	Price
Winchester M-94 (20" Barrel)	.30-30 Winchester	2.95 kg	6 Tubular	\$1415
Winchester M-94 (24" Barrel)	.30-30 Winchester	3.15 kg	6 Tubular	\$1455
Winchester M-94XTR (20" Barrel)	7-30 Waters	3.2 kg	7 Tubular	\$1241
Winchester M-94XTR (24" Barrel)	7-30 Waters	3.4 kg	7 Tubular	\$1281
Winchester M-94 Big Bore	.307 Winchester	2.95 kg	6 Tubular	\$1409
Winchester M-94 Big Bore	.356 Winchester	2.95 kg	6 Tubular	\$2233
Winchester M-94 Ranger	.30-30 Winchester	2.84 kg	6 Tubular	\$2602
Winchester M-94 Timber	.450 Marlin	2.72 kg	4 Tubular	\$1515
Winchester M-94 Timber Scout	.30-30 Winchester	2.72 kg	6 Tubular	\$2582
Winchester M-94 Timber Scout	.44 Magnum	2.72 kg	9 Tubular	\$848
Winchester M-94 Trapper	.30-30 Winchester	2.78 kg	9 Tubular	\$1374
Winchester M-94 Trapper	.44 Magnum	2.78 kg	9 Tubular	\$506
Winchester M-94 Trapper	.45 Long Colt	2.78 kg	9 Tubular	\$545
Winchester M-94 Trails End	.357 Magnum	2.95 kg	11 Tubular	\$670
Winchester M-94 Trails End	.44 Magnum	3.03 kg	11 Tubular	\$868
Winchester M-94 Trails End	.45 Long Colt	3.06 kg	11 Tubular	\$945
Winchester M-94 Trails End Hunter Round	.25-35 Winchester	2.95 kg	7 Tubular	\$1891
Winchester M-94 Trails End Hunter Round	.30-30 Winchester	3.07 kg	7 Tubular	\$2603
Winchester M-94 Trails End Hunter Round	.38-55 Ballard	3.26 kg	6 Tubular	\$4398
Winchester M-94 Trails End Octagon	.357 Magnum	3.06 kg	11 Tubular	\$681
Winchester M-94 Trails End Octagon	.44 Magnum	3.14 kg	11 Tubular	\$883
Winchester M-94 Trails End Octagon	.45 Long Colt	3.17 kg	11 Tubular	\$961



Winchester M-94 Trails End Hunter Octagon	.25-35 Winchester	3.06 kg	7 Tubular	\$1896
Winchester M-94 Trails End Hunter Octagon	.30-30 Winchester	3.18 kg	7 Tubular	\$2608
Winchester M-94 Trails End Hunter Octagon	.38-55 Ballard	3.38 kg	6 Tubular	\$4335
Winchester M-9422XTR	.22 Short, .22 Long, and .22 Long Rifle	2.84 kg	21 (.22 Long), 17 Long, 15 (.22 Long Rifle); Tubular	\$309
Winchester M-9422XTR	.22 Winchester Magnum Rimfire	2.84 kg	15 Tubular	\$372
Winchester M-9417	.17 Hornady Magnum Rimfire	2.84 kg	14 Tubular	\$311

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Winchester M-94 (20", .30-30)	LA	4	2-3-Nil	7	5	Nil	81
Winchester M-94 (24", .30.30)	LA	4	2-3-Nil	7	5	Nil	82
Winchester M-94XTR (20", 7-30)	LA	4	2-3-Nil	7	4	Nil	61
Winchester M-94XTR (24", 7-30)	LA	4	2-3-Nil	7	4	Nil	79
Winchester M-94 Big Bore (.307 Win)	LA	4	2-3-Nil	7	5	Nil	63
Winchester M-94 Big Bore (.356 Win)	LA	5	2-3-Nil	7	5	Nil	63
Winchester M-94 Ranger	LA	4	2-3-Nil	6	5	Nil	62
Winchester M-94 Timber	LA	5	1-2-Nil	6	3	Nil	53
Winchester M-94 Timber Scout (.30-30)	LA	4	2-3-Nil	6	5	Nil	53
Winchester M-94 Timber Scout (.44)	LA	4	1-1-Nil	6	3	Nil	50
Winchester M-94 Trapper (.30-30)	LA	4	2-3-Nil	6	5	Nil	44
Winchester M-94 Trapper (.44)	LA	4	1-1-Nil	5	3	Nil	44
Winchester M-94 Trapper (.45)	LA	3	2-Nil	5	3	Nil	44
Winchester M-94 Trails End (.357)	LA	3	1-Nil	5	3	Nil	67
Winchester M-94 Trails End (.44)	LA	4	1-Nil	6	3	Nil	67
Winchester M-94 Trails End (.45)	LA	3	1-Nil	6	3	Nil	56
Winchester M-94 Trails End Hunter Round (.25-35)	LA	3	2-Nil	6	3	Nil	55
Winchester M-94 Trails End Hunter Round (.30-30)	LA	4	2-3-Nil	6	5	Nil	62
Winchester M-94 Trails End Hunter Round (.38-55)	LA	5	2-4-Nil	7	6	Nil	62
Winchester M-94 Trails End Octagon (.357)	LA	3	1-Nil	5	3	Nil	70
Winchester M-94 Trails End Octagon (.44)	LA	4	1-Nil	6	3	Nil	70
Winchester M-94 Trails End Octagon (.45)	LA	3	1-Nil	6	3	Nil	58
Winchester M-94 Trails End Hunter Octagon (.25-35)	LA	3	2-Nil	6	3	Nil	57
Winchester M-94 Trails End Hunter Octagon (.30-30)	LA	4	2-3-Nil	6	5	Nil	65
Winchester M-94 Trails End Hunter Octagon (.38-55)	LA	5	2-4-Nil	7	6	Nil	65
Winchester M-9422XTR (.22 Short)	LA	-1	Nil	5	1	Nil	34
Winchester M-9422XTR (.22 Long)	LA	1	Nil	5	1	Nil	38
Winchester M-9422XTR (.22 Long Rifle)	LA	1	Nil	5	1	Nil	42
Winchester M-9422XTR (.22 Magnum)	LA	1	Nil	5	1	Nil	55
Winchester M-9417	LA	2	1-Nil	5	1	Nil	53

**Winchester M-250**

Notes: Sister rifle to the M-270 and M-290, the M-250 is externally similar to those rifles, but of course, internally very different. The receiver is built largely of aluminum alloy, and the ejection port is on the right side so the receiver can be grooved for a scope mount. The M-255 is similar, but fires magnum cartridges. Other versions differ primarily in stock and/or sight design, and are identical to the basic rifle for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
M-250	.22 Short, .22 Long, and .22 Long Rifle	2.27 kg	21 (.22 Short), 18 (.22 Long), 15 (.22 Long Rifle); Tubular	\$309
M-255	.22 Winchester Magnum Rimfire	2.47 kg	11 Tubular	\$373

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-250 (.22 Short)	LA	-2	Nil	5	1	Nil	34
M-250 (.22 Long)	LA	1	Nil	5	1	Nil	38
M-250 (.22 Long Rifle)	LA	1	Nil	5	1	Nil	42
M-255	LA	1	Nil	5	1	Nil	53



Winchester M-1876

Notes: One of the most popular and successful rifles of the late 19<sup>th</sup> and early 20<sup>th</sup> centuries, the M-1876 was built until 1897; however, they were so well-made that most examples today, even if they've been sitting in an attic for 80 years, can still be used today with a minimum of maintenance (I recently saw one on the *Pawn Stars* program which was still functioning flawlessly). The origins of the M-1876 began with an experimental .45-70-405 prototype in 1871, which were submitted to the US Army for evaluation in 1872, but not picked up. Winchester sent the design back for retooling, and they came out in time for the 1876 Centennial Exposition in Philadelphia, thereafter often being called the Winchester "Centennial" Edition. It is often described as being an enlarged M-1873, but this is incorrect – it was a new design which originally predated the M-1873, and based partially on the earlier rare M-1866. Total production figures were 63,870.

The M-1873 could be had as a full-sized rifle, an express rifle, a carbine, or even a musket (which will not be covered here). Various models abounded, differing primarily in adornment and adjustments to individual shooters. The original M-1876 was chambered for .45-70; the 40-60 and 50-95 chamberings were added in 1879 and the 45-60 chambering in 1884. The standard M-1876 Sporting Rifle had a 28-inch half-octagonal or full-octagonal barrel. It normally was sold with a 12-round tubular magazine, though a half-length 6-round magazine was also available. The standard Sporting Rifle had a straight wrist, but the M-1876 Special Sporting Rifle had a pistol grip wrist and a Vernier peep sight on the tang behind the hammer.

The M-1876 Carbine had a 22-inch round barrel with an almost full-length fore-end and a magazine that held nine rounds. 750 of a full-length-stock version were made, for Royal Northwest Mounted Police of Canada; they are not as popular today as a standard M-1873 Carbine and barely sold on the civilian market at the time. The M-1876 Express Rifle was sort of the in-between version, with a 26-inch half-octagonal or full-octagonal barrel. The magazine was short, holding only four rounds, and the fore-end likewise short. The sights consist of a rear spring-leaf with an elevator.

Weapon	Ammunition	Weight	Magazines	Price
M-1876 Sporting Rifle	.45-70 Government	4.54 kg	12 Tubular	\$1513
M-1876 Sporting Rifle	.45-60 Winchester Centerfire	4.37 kg	12 Tubular	\$1374
M-1876 Sporting Rifle	.50-95 Winchester Centerfire	4.77 kg	12 Tubular	\$1702
M-1876 Sporting Rifle	.40-60 Winchester Centerfire	4.22 kg	12 Tubular	\$1145
M-1876 Carbine	.45-70 Government	4.43 kg	9 Tubular	\$1445
M-1876 Carbine	.45-60 Winchester Centerfire	4.26 kg	9 Tubular	\$1305
M-1876 Carbine	.50-95 Winchester Centerfire	4.65 kg	9 Tubular	\$1633
M-1876 Carbine	.40-60 Winchester Centerfire	4.12 kg	9 Tubular	\$1076
M-1876 Express Rifle	.45-70 Government	4.15 kg	4 Tubular	\$1491
M-1876 Express Rifle	.45-60 Winchester Centerfire	3.99 kg	4 Tubular	\$1351
M-1876 Express Rifle	.50-95 Winchester Centerfire	4.36 kg	4 Tubular	\$1679
M-1876 Express Rifle	.40-60 Winchester Centerfire	3.86 kg	4 Tubular	\$1122

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-1876 Sporting Rifle (.45-70)	LA	4	2-3-Nil	8	4	Nil	102
M-1876 Sporting Rifle (.45-60)	LA	4	2-Nil	8	4	Nil	97

<b>M-1876 Sporting Rifle (.50-95)</b>	LA	4	2-3-Nil	8	4	Nil	98
<b>M-1876 Sporting Rifle (.40-60)</b>	LA	3	2-Nil	8	3	Nil	97
<b>M-1876 Carbine (.45-70)</b>	LA	4	2-3-Nil	6	4	Nil	72
<b>M-1876 Carbine (.45-60)</b>	LA	4	2-Nil	6	4	Nil	72
<b>M-1876 Carbine (.50-95)</b>	LA	4	2-3-Nil	6	4	Nil	72
<b>M-1876 Carbine (.40-60)</b>	LA	3	2-Nil	6	3	Nil	71
<b>M-1876 Express Rifle (.45-70)</b>	LA	4	2-3-Nil	7	4	Nil	95
<b>M-1876 Express Rifle (.45-60)</b>	LA	4	2-Nil	7	4	Nil	90
<b>M-1876 Express Rifle (.50-95)</b>	LA	4	2-3-Nil	7	4	Nil	91
<b>M-1876 Express Rifle (.40-60)</b>	LA	3	2-Nil	7	3	Nil	89

### Winchester M-1892

Notes: This rifle is basically a reduced-size version of the Model 1886, built from 1892-1941. It was built to use the then-new smokeless powder rounds, and to be able to fire shorter-cased rounds than the Model 1886. Originally, the Model 1892 was chambered in .25-20, .32-20, .38-40, and .44-40. The action of the Model 1892 is especially smooth and well-liked by its users. It was such a popular rifle, and produced in such large numbers, that exact production figures are unknown. The Model 1892 was an especially common rifle in early Western films – though not historically accurate, the Model 1892 resembled the Model 1873 if you didn't look too close and it was far more available than the Model 1873.

Over the years, many replicas and near-replicas of the Model 1892 have been produced, both in the US and overseas, including the Spanish El Tigre, the Brazilian Rossi 92, various Italian companies, and several other countries in Central and South America. However, the most accurate replicas available today are sold by Davidson's, and built in Japan, and were introduced in 1997. Though they are also available in three chamberings the original Model 1892 never had (.357 Magnum, .44 Magnum, and .45 Long Colt), they are historically accurate and look like the originals, and though made using modern manufacturing methods, are built from the same materials as the originals. However, the Davidson's models have Winchester's modern safety system, which includes a sliding tang safety (the original used only a half-cock safety).

The standard Model 1892 has a 24-inch half-octagonal or octagonal barrel. There is also a carbine version with a 20-inch round barrel, and "Trapper's Carbines" with barrels of 12, 14, 16, and 18 inches. The standard rifle has a straight-wrist stock, but a Fancy Sporting Rifle, with a pistol grip wrist stock and available half-barrel length magazine, was also sold (identical to the standard model for game purposes; if it has a half-length magazine, it holds only half the ammunition). A takedown version was also sold starting in 1893, but it was not successful and few were made. (It is identical to the standard Model 1892 for game purposes.) From 1924-32, a version known as the Model 53 was built; this was a simplified version, with a 22-inch round barrel and a half-length magazine. (A takedown model was also made, which was also not successful.) The Model 65 was an improved Model 53, and was built from 1933-1947. Changes from the Model 53 included an improved trigger and front sight, as well as a pistol grip wrist stock. It also added a .218 Bee chambering, with a 24-inch barrel, in 1939. Only about 5700 Model 65s were built.

Twilight 2000 Notes: The new Davidson's replicas are not available in the Twilight 2000 timeline. This means that M-1892s of any type in .357 Magnum, .44 Magnum, and .45 Long Colt are also not available.

Weapon	Ammunition	Weight	Magazines	Price
<b>M-1892 Rifle</b>	.25-20 Winchester	2.93 kg	11 Tubular	\$528
<b>M-1892 Rifle</b>	.32-20 Winchester	3.1 kg	11 Tubular	\$638
<b>M-1892 Rifle</b>	.38-40 Winchester	3.48 kg	11 Tubular	\$857
<b>M-1892 Rifle</b>	.357 Magnum	3.3 kg	11 Tubular	\$736
<b>M-1892 Rifle</b>	.44-40 Winchester	3.62 kg	11 Tubular	\$944
<b>M-1892 Rifle</b>	.44 Magnum	3.61 kg	11 Tubular	\$934
<b>M-1892 Rifle</b>	.45 Long Colt	3.72 kg	11 Tubular	\$1009
<b>M-1892 Carbine</b>	.25-20 Winchester	2.75 kg	9 Tubular	\$467
<b>M-1892 Carbine</b>	.32-20 Winchester	2.91 kg	9 Tubular	\$577
<b>M-1892 Carbine</b>	.38-40 Winchester	3.26 kg	9 Tubular	\$796
<b>M-1892 Carbine</b>	.357 Magnum	3.1 kg	9 Tubular	\$675
<b>M-1892 Carbine</b>	.44-40 Winchester	3.4 kg	9 Tubular	\$883
<b>M-1892 Carbine</b>	.44 Magnum	3.39 kg	9 Tubular	\$873
<b>M-1892 Carbine</b>	.45 Long Colt	3.49 kg	9 Tubular	\$950
<b>M-1892 Trapper's Carbine (12" Barrel)</b>	.25-20 Winchester	2.55 kg	5 Tubular	\$386
<b>M-1892 Trapper's Carbine (12" Barrel)</b>	.32-20 Winchester	2.7 kg	5 Tubular	\$495
<b>M-1892 Trapper's Carbine (12" Barrel)</b>	.38-40 Winchester	3.02 kg	5 Tubular	\$714

M-1892 Trapper's Carbine (12" Barrel)	.357 Magnum	2.87 kg	5 Tubular	\$593
M-1892 Trapper's Carbine (12" Barrel)	.44-40 Winchester	3.15 kg	5 Tubular	\$801
M-1892 Trapper's Carbine (12" Barrel)	.44 Magnum	3.14 kg	5 Tubular	\$791
M-1892 Trapper's Carbine (12" Barrel)	.45 Long Colt	3.24 kg	5 Tubular	\$867
M-1892 Trapper's Carbine (14" Barrel)	.25-20 Winchester	2.6 kg	6 Tubular	\$406
M-1892 Trapper's Carbine (14" Barrel)	.32-20 Winchester	2.75 kg	6 Tubular	\$515
M-1892 Trapper's Carbine (14" Barrel)	.38-40 Winchester	3.08 kg	6 Tubular	\$735
M-1892 Trapper's Carbine (14" Barrel)	.357 Magnum	2.93 kg	6 Tubular	\$613
M-1892 Trapper's Carbine (14" Barrel)	.44-40 Winchester	3.21 kg	6 Tubular	\$821
M-1892 Trapper's Carbine (14" Barrel)	.44 Magnum	3.2 kg	6 Tubular	\$812
M-1892 Trapper's Carbine (14" Barrel)	.45 Long Colt	3.3 kg	6 Tubular	\$888
M-1892 Trapper's Carbine (16" Barrel)	.25-20 Winchester	2.65 kg	7 Tubular	\$426
M-1892 Trapper's Carbine (16" Barrel)	.32-20 Winchester	2.8 kg	7 Tubular	\$536
M-1892 Trapper's Carbine (16" Barrel)	.38-40 Winchester	3.14 kg	7 Tubular	\$755
M-1892 Trapper's Carbine (16" Barrel)	.357 Magnum	2.99 kg	7 Tubular	\$634
M-1892 Trapper's Carbine (16" Barrel)	.44-40 Winchester	3.27 kg	7 Tubular	\$842
M-1892 Trapper's Carbine (16" Barrel)	.44 Magnum	3.26 kg	7 Tubular	\$832
M-1892 Trapper's Carbine (16" Barrel)	.45 Long Colt	3.36 kg	7 Tubular	\$908
M-1892 Trapper's Carbine (18" Barrel)	.25-20 Winchester	2.7 kg	8 Tubular	\$447
M-1892 Trapper's Carbine (18" Barrel)	.32-20 Winchester	2.85 kg	8 Tubular	\$556
M-1892 Trapper's Carbine (18" Barrel)	.38-40 Winchester	3.2 kg	8 Tubular	\$775
M-1892 Trapper's Carbine (18" Barrel)	.357 Magnum	3.05 kg	8 Tubular	\$654
M-1892 Trapper's Carbine (18" Barrel)	.44-40 Winchester	3.33 kg	8 Tubular	\$862
M-1892 Trapper's Carbine (18" Barrel)	.44 Magnum	3.32 kg	8 Tubular	\$852
M-1892 Trapper's Carbine (18" Barrel)	.45 Long Colt	3.42 kg	8 Tubular	\$929
M-53/M-65 Rifle	.25-20 Winchester	2.79 kg	6 Tubular	\$487
M-53/M-65 Rifle	.32-20 Winchester	2.95 kg	6 Tubular	\$597
M-53 Rifle	.44-40 Winchester	3.44 kg	6 Tubular	\$902
M-65 Rifle	.218 Bee	3.68 kg	6 Tubular	\$1107

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-1892 Rifle (.25-20)	LA	2	1-Nil	6	1	Nil	76
M-1892 Rifle (.32-20)	LA	2	1-Nil	6	1	Nil	75
M-1892 Rifle (.38-40)	LA	3	1-Nil	7	3	Nil	75
M-1892 Rifle (.357)	LA	3	1-2-Nil	7	3	Nil	90
M-1892 Rifle (.44-40)	LA	3	1-Nil	7	3	Nil	75
M-1892 Rifle (.44)	LA	4	1-2-Nil	7	3	Nil	90
M-1892 Rifle (.45)	LA	3	1-Nil	7	3	Nil	75
M-1892 Carbine (.25-20)	LA	2	1-Nil	5	1	Nil	57
M-1892 Carbine (.32-20)	LA	2	1-Nil	5	2	Nil	57
M-1892 Carbine (.38-40)	LA	3	1-Nil	6	3	Nil	56
M-1892 Carbine (.357)	LA	3	1-2-Nil	6	3	Nil	67
M-1892 Carbine (.44-40)	LA	3	1-Nil	6	3	Nil	56
M-1892 Carbine (.44)	LA	4	1-2-Nil	6	3	Nil	67
M-1892 Carbine (.45)	LA	3	1-Nil	6	3	Nil	56
M-1892 Trapper's Carbine (12", .25-20)	LA	2	Nil	4	1	Nil	29
M-1892 Trapper's Carbine (12", .32-20)	LA	2	1-Nil	4	2	Nil	29
M-1892 Trapper's Carbine (12", .38-40)	LA	2	1-Nil	4	3	Nil	29
M-1892 Trapper's Carbine (12", .357)	LA	3	1-2-Nil	4	3	Nil	35
M-1892 Trapper's Carbine (12", .44-40)	LA	3	1-Nil	4	3	Nil	29
M-1892 Trapper's Carbine (12", .44)	LA	4	1-2-Nil	4	3	Nil	29
M-1892 Trapper's Carbine (12", .45)	LA	3	1-Nil	4	3	Nil	29
M-1892 Trapper's Carbine (14", .25-20)	LA	2	1-Nil	4	1	Nil	37
M-1892 Trapper's Carbine (14", .32-20)	LA	2	1-Nil	4	2	Nil	36
M-1892 Trapper's Carbine (14", .38-40)	LA	3	1-Nil	5	3	Nil	36
M-1892 Trapper's Carbine (14", .357)	LA	3	1-2-Nil	5	3	Nil	44
M-1892 Trapper's Carbine (14", .44-40)	LA	3	1-Nil	5	3	Nil	36
M-1892 Trapper's Carbine (14", .44)	LA	4	1-2-Nil	5	3	Nil	44
M-1892 Trapper's Carbine (14", .45)	LA	3	1-Nil	5	3	Nil	36
M-1892 Trapper's Carbine (16", .25-20)	LA	2	1-Nil	5	1	Nil	44

M-1892 Trapper's Carbine (16", .32-20)	LA	2	1-Nil	5	2	Nil	44
M-1892 Trapper's Carbine (16", .38-40)	LA	3	1-Nil	5	3	Nil	44
M-1892 Trapper's Carbine (16", .357)	LA	3	1-2-Nil	5	3	Nil	53
M-1892 Trapper's Carbine (16", .44-40)	LA	3	1-Nil	5	3	Nil	44
M-1892 Trapper's Carbine (16", .44)	LA	4	1-2-Nil	5	3	Nil	53
M-1892 Trapper's Carbine (16", .45)	LA	3	1-Nil	5	3	Nil	44
M-1892 Trapper's Carbine (18", .25-20)	LA	2	1-Nil	5	1	Nil	51
M-1892 Trapper's Carbine (18", .32-20)	LA	2	1-Nil	5	2	Nil	51
M-1892 Trapper's Carbine (18", .38-40)	LA	3	1-Nil	5	3	Nil	50
M-1892 Trapper's Carbine (18", .357)	LA	3	1-2-Nil	5	3	Nil	60
M-1892 Trapper's Carbine (18", .44-40)	LA	3	1-Nil	5	3	Nil	51
M-1892 Trapper's Carbine (18", .44)	LA	4	1-2-Nil	5	3	Nil	60
M-1892 Trapper's Carbine (18", .45)	LA	3	1-Nil	5	3	Nil	50
M-53/M-65 Rifle (.25-20)	LA	2	1-Nil	6	1	Nil	63
M-53/M-65 Rifle (.32-20)	LA	2	1-Nil	6	2	Nil	63
M-53 Rifle (.44-40)	LA	3	1-Nil	6	3	Nil	62
M-65 Rifle (.218)	LA	3	1-Nil	7	3	Nil	70

Winchester M-1895

Notes: This was one of the favorite hunting rifles of Theodore Roosevelt, especially when hunting big game in Africa. That is because of the powerful .405 Winchester cartridge – something Roosevelt called his “Big Medicine for Big Game.” The Winchester 1895 was the last lever-action rifle designed by John Browning. It is unusual for its stripper-clip loading, to an internal box magazine. Variants included the M-1895 Carbine with a 20-inch barrel; the Model 1895 Sporting Rifle, with a barrel of 28 inches; and the Model 1895 Modern Version, introduced in 1997 (the others went out of production in 1931). A very rare variant was the “Russian Musket,” designed for the Imperial Russian Army and sold to them between 1915 and 1916. It fires the 7.62mm Nagant cartridge, and they are designed to use sword bayonets of up to 41 centimeters in length!

Twilight 2000 Notes: The M-1895 Modern Version does not exist.

Weapon	Ammunition	Weight	Magazines	Price
M-1895	.30-03 Springfield	2.92 kg	5 Clip	\$3246
M-1895	.30-06 Springfield	2.9 kg	5 Clip	\$3185
M-1895	.303 British	2.83 kg	5 Clip	\$2912
M-1895	.30-40 Krag	2.85 kg	5 Clip	\$2976
M-1895	.35 Winchester	3.11 kg	5 Clip	\$4575
M-1895	.38-72 Winchester	3.27 kg	5 Clip	\$1267
M-1895	.40-72 Winchester	3.42 kg	5 Clip	\$1429
M-1895	.405 Winchester	3.6 kg	5 Clip	\$1454
M-1895 Russian Musket	7.62mm Nagant	2.73 kg	5 Clip	\$2774
M-1895 Carbine	.30-03 Springfield	2.85 kg	5 Clip	\$3205
M-1895 Carbine	.30-06 Springfield	2.83 kg	5 Clip	\$3144
M-1895 Carbine	.303 British	2.76 kg	5 Clip	\$2871
M-1895 Carbine	.30-40 Krag	2.78 kg	5 Clip	\$2935
M-1895 Carbine	.35 Winchester	3.04 kg	5 Clip	\$4451
M-1895 Carbine	.38-72 Winchester	3.19 kg	5 Clip	\$1227
M-1895 Carbine	.40-72 Winchester	3.34 kg	5 Clip	\$1389
M-1895 Carbine	.405 Winchester	3.51 kg	5 Clip	\$1414
M-1895 Sporting	.303 British	2.86 kg	5 Clip	\$2953
M-1895 Sporting	.35 Winchester	3.14 kg	5 Clip	\$4694
M-1895 Sporting	.38-72 Winchester	3.31 kg	5 Clip	\$1308
M-1895 Sporting	.40-72 Winchester	3.46 kg	5 Clip	\$1470
M-1895 Sporting	.405 Winchester	3.64 kg	5 Clip	\$1495
M-1895 Modern	.270 Winchester	3.63 kg	4 Clip	\$2687
M-1895 Modern	.30-06 Springfield	3.94 kg	4 Clip	\$3190

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-1895 (.30-03)	LA	4	2-3-Nil	8	5	Nil	69
M-1895 (.30-06)	LA	4	2-3-Nil	8	5	Nil	71
M-1895 (.303)	LA	4	2-3-Nil	8	5	Nil	81
M-1895 (.30-40)	LA	4	2-3-Nil	8	5	Nil	76
M-1895 (.35)	LA	5	2-4-Nil	8	6	Nil	82
M-1895 (.38-72)	LA	3	1-2-Nil	7	3	Nil	82

M-1895 (.40-72)	LA	3	1-2-Nil	7	4	Nil	82
M-1895 (.405)	LA	4	1-2-Nil	7	4	Nil	82
M-1895 Russian Musket	LA	4	2-3-Nil	8	5	Nil	81
M-1895 Carbine (.30-03)	LA	4	2-3-Nil	7	5	Nil	53
M-1895 Carbine (.30-06)	LA	4	2-3-Nil	7	5	Nil	54
M-1895 Carbine (.303)	LA	4	2-3-Nil	7	5	Nil	61
M-1895 Carbine (.30-40)	LA	4	2-3-Nil	7	5	Nil	58
M-1895 Carbine (.35)	LA	5	2-4-Nil	7	6	Nil	62
M-1895 Carbine (.38-72)	LA	3	1-2-Nil	6	3	Nil	62
M-1895 Carbine (.40-72)	LA	3	1-2-Nil	6	3	Nil	62
M-1895 Carbine (.405)	LA	3	1-2-Nil	6	3	Nil	62
M-1895 Sporting (.303)	LA	4	2-3-Nil	8	5	Nil	100
M-1895 Sporting (.35)	LA	5	2-4-Nil	9	7	Nil	103
M-1895 Sporting (.38-72)	LA	3	1-2-Nil	7	4	Nil	103
M-1895 Sporting (.40-72)	LA	4	1-2-3	8	4	Nil	103
M-1895 Sporting (.405)	LA	4	1-2-3	8	4	Nil	103
M-1895 Modern (.270)	LA	4	2-3-Nil	7	4	Nil	63
M-1895 Modern (.30-06)	LA	4	2-3-Nil	7	4	Nil	71



Rossi Gallery Rifle

Notes: This pump-action small-caliber rifle was based on the Winchester Model 62. Production of the first version, the Model 37, began in 1962, and is still in production. The stock and grooved slide lever are of polished hardwood and the stock has a straight wrist. Though the profile is noticeably compact and slim, it does have a slab-sided receiver with metalwork of steel and with brass touches on certain parts such as the trigger guard and the exposed hammer. The hammer has a half-cock safety, with an interlock preventing firing until the action is securely locked. Feed is from a long underbarrel magazine.

In the US, the Rossi Gallery series is primarily sold through Interarms, though they usually still carry the Rossi name.

As said, the Model 37 was the first version; it chambers .22 Short, .22 Long, and .22 Long Rifle interchangeably. The barrel is 23 inches long, and the sights consist of a front blade and a rear spring-leaf and elevator adjustable sight. In 1980, a version with stainless steel metalwork and a higher quality of brass was introduced.

The Model 57 Gallery Junior was introduced in 1970. Unlike other Gallery series rifles, the Model 57 was sold in the US by Harrington & Richardson (and called the Model 749 by H&R), and in the US primarily carried the H&R name. The Model 57 was sold primarily sold in the US, and sales elsewhere were quite limited. For that matter, sales in the US were never high. The Model 57 was basically a Model 37 with a short 16.5-inch barrel, and the tubular magazine ended level with the muzzle. The Model 57 is the only member of the Gallery series which is no longer manufactured, with production ending in 1972. However, an improved version, the Model 73 Gallery Junior II, was introduced in 1975 (but not distributed in the US by H&R). The Model 73 is still being manufactured.

The Model 59 Gallery Magnum is also essentially a Model 37, but it is rechambered for the .22 Winchester Magnum Rimfire cartridge, and the magazine is shortened somewhat. Though slightly longer than the Model 37, this is primarily due to the longer action required to chamber the longer cartridges.

Weapon	Ammunition	Weight	Magazines	Price
Model 37	.22 Short, .22 Long, and .22 Long Rifle	2.42 kg	13 (.22 Long Rifle), 16 (.22 Long), 20 (.22 Short); Tubular	\$294
Model 57	.22 Short, .22 Long, and .22 Long Rifle	2.22 kg	13 (.22 Long Rifle), 16 (.22 Long), 20 (.22 Short); Tubular	\$228
Model 59	.22 Winchester Magnum Rimfire	2.36 kg	10 Tubular	\$326
Model 73	.22 Short, .22 Long, and .22 Long Rifle	2.09 kg	13 (.22 Long Rifle), 16 (.22 Long), 20 (.22 Short); Tubular	\$229

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 37 (.22 Short)	PA	-2	Nil	5	1	Nil	32
Model 37 (.22 Long)	PA	-1	Nil	5	1	Nil	35
Model 37 (.22 Long Rifle)	PA	1	Nil	5	1	Nil	46
Model 57 (.22 Short)	PA	-2	Nil	4	1	Nil	23
Model 57 (.22 Long)	PA	-1	Nil	4	1	Nil	26
Model 57 (.22 Long Rifle)	PA	1	Nil	4	1	Nil	34
Model 59	PA	1	Nil	6	1	Nil	72
Model 73 (.22 Short)	PA	-2	Nil	4	1	Nil	23
Model 73 (.22 Long)	PA	-1	Nil	4	1	Nil	26

Model 73 (.22 Long Rifle)	PA	1	Nil	4	1	Nil	34
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Rossi Puma

Notes: Essentially a modification of John Browning's Model 92 Winchester, the first Puma was introduced in 1976. Though the first Pumas given the designation of "Model 67," they were often called the "Model 92" (whether mistakenly or otherwise) due their resemblance to John Browning's rifle. The Puma is essentially an old-style lever-action rifle, with a straight-wrist stock, a loading gate on the right side with a spring-loaded cover, and a half-length fore-end. The exposed hammer used a half-cock safety as well as a conventional manual safety. Construction was largely of steel with some brass touches, and polished walnut woodwork. The barrels were 20 inches long, with a full-length tubular magazine underneath.

The Model 65 was the first Puma to enter production in July 1976; the Model 67 could fire .357 Magnum and .38 Special ammunition interchangeably, even to the extent of mixing the different ammunition types in the magazine. Though they had normal serial numbers until December of that year, a "K" was added at the beginning of the number string to differentiate it from the Model 77 (see later in this entry). In July 1977, a lighter and less expensive version of the Model 67 was introduced; this was the Model 77, which could fire only .38 Special ammunition. As with the Model 67, they started out with standard-type serial numbers, but in December of 1977 they had a "B" added to the front of their serial number string.

Though variants of the Puma firing various .44 calibers had been experimented since the introduction of the Model 67, they were not produced commercially until the early 1980s. This was the Model 65, which could chamber .44 Magnum or .44-40 Winchester interchangeably. They were, unfortunately, never made in great quantities, though they were built until 1989.

At this point, Rossi licensed the Puma name a design to the US firm of Legacy Arms. In the mid-1990s, they began producing their own Pumas, calling them the Model 92 series; these versions use a longer 24-inch octagonal barrel. Though they started out making the standard Puma chamberings (except for the .38 Special-only version), they quickly began producing versions with 20-inch and 16-inch round barrels (which they call carbine versions), as well as .44 Magnum, .480 Ruger and .454 Casull carbines with 18-inch round barrels. Through the years have produced Pumas in some quite powerful chamberings, with the last being the .480 Ruger chambering introduced in 2004.

Twilight 2000 Notes: The Legacy Puma does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Model 65	.357 Magnum and .38 Special	3.71 kg	10 Tubular	\$447
Model 77	.38 Special	3.52 kg	10 Tubular	\$425
Model 67	.44 Magnum and .44-40 Winchester	4.31 kg	10 Tubular	\$552
Legacy Model 92	.357 Magnum and .38 Special	3.62 kg	10 Tubular	\$494
Legacy Model 92	.44 Magnum and .44-40 Winchester	4.21 kg	10 Tubular	\$599
Legacy Model 92	.45 Long Colt	4.33 kg	10 Tubular	\$632
Legacy Model 92	.454 Casull	4.41 kg	10 Tubular	\$657
Legacy Model 92	.480 Ruger	4.44 kg	9 Tubular	\$665
Legacy Model 92 Carbine (16")	.357 Magnum and .38 Special	3.35 kg	10 Tubular	\$407
Legacy Model 92 Carbine (20")	.357 Magnum and .38 Special	3.45 kg	10 Tubular	\$447
Legacy Model 92 Carbine (18")	.44 Magnum and .44-40 Winchester	3.97 kg	10 Tubular	\$532
Legacy Model 92 Carbine (20")	.44 Magnum and .44-40 Winchester	4.01 kg	10 Tubular	\$552
Legacy Model 92 Carbine (16")	.45 Long Colt	4 kg	9 Tubular	\$550

Legacy Model 92 Carbine (20")	.45 Long Colt	4.12 kg	10 Tubular	\$591
Legacy Model 92 Carbine (18")	.454 Casull	4.16 kg	9 Tubular	\$589
Legacy Model 92 Carbine (20")	.454 Casull	4.2 kg	10 Tubular	\$610
Legacy Model 92 Carbine (18")	.480 Ruger	4.19 kg	9 Tubular	\$598
Legacy Model 92 Carbine (20")	.480 Ruger	4.23 kg	10 Tubular	\$618

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 65 (.38)	LA	2	1-Nil	5	2	Nil	54
Model 65 (.357)	LA	3	1-Nil	5	3	Nil	67
Model 77	LA	2	1-Nil	5	2	Nil	54
Model 67 (.44)	LA	4	1-Nil	6	2	Nil	67
Model 67 (.44-40)	LA	3	1-Nil	6	2	Nil	56
Legacy Model 92 (.38)	LA	2	1-Nil	6	2	Nil	68
Legacy Model 92 (.357)	LA	3	1-Nil	6	2	Nil	84
Legacy Model 92 (.44)	LA	4	1-Nil	6	2	Nil	84
Legacy Model 92 (.44-40)	LA	3	1-Nil	6	2	Nil	71
Legacy Model 92 (.45)	LA	3	1-Nil	6	2	Nil	70
Legacy Model 92 (.454)	LA	4	1-2-Nil	6	2	Nil	87
Legacy Model 92 (.480)	LA	5	1-2-Nil	6	3	Nil	84
Legacy Model 92 Carbine (16" .38)	LA	2	1-Nil	5	2	Nil	42
Legacy Model 92 Carbine (20" .38)	LA	2	1-Nil	5	2	Nil	54
Legacy Model 92 Carbine (16" .357)	LA	3	1-Nil	5	2	Nil	53
Legacy Model 92 Carbine (20", .357)	LA	3	1-Nil	5	3	Nil	67
Legacy Model 92 Carbine (18", .44)	LA	4	1-Nil	5	2	Nil	60
Legacy Model 92 Carbine (20" .44)	LA	4	1-Nil	6	2	Nil	67
Legacy Model 92 Carbine (18", .44-40)	LA	3	1-Nil	5	3	Nil	51
Legacy Model 92 Carbine (20".44-40)	LA	3	1-Nil	6	2	Nil	56
Legacy Model 92 Carbine (16" .45)	LA	3	2-Nil	5	3	Nil	44
Legacy Model 92 Carbine (20" .45)	LA	3	2-Nil	6	3	Nil	56

Legacy Model 92 Carbine (18", .454)	LA	4	1-2-Nil	5	3	Nil	62
Legacy Model 92 Carbine (20" .454)	LA	4	1-2-Nil	6	3	Nil	69
Legacy Model 92 Carbine (18", .480)	LA	5	1-2-Nil	5	3	Nil	60
Legacy Model 92 Carbine (20" .480)	LA	5	1-2-Nil	6	3	Nil	67

**Browning BPR**

Notes: The BPR (Browning Pump Rifle) is, as the name would indicate, a pump-action rifle based on the BAR. The pump action is very unusual and takes some getting used to: the shooter must pull pump grip downward and sideways towards themselves, then push the grip up and away from themselves. Once mastered, the BPR can in fact be cycled quite rapidly, and the unusual action helps prevent accidental discharges. The BPR in larger calibers was introduced in 1997, at first only in .270 Winchester, 7.62mm NATO, .30-06 Springfield, and .300 Winchester Magnum; in 1998, .243 Winchester and 7mm Remington Magnum chamberings were added, and the barrel for magnum chamberings was lengthened. In rimfire, the BPR was introduced in 1974, and built until 1984. The BPR was replaced in production in Europe in 2001 by the Dualis, but continued to be sold in North America until 2003.

The predecessor of the BPR, the Trombone was never popular, even though it was manufactured and sold from 1922-74. The unusual feature of the Trombone is that it can use .22 Short, .22 Long, and .22 Long Rifle interchangeably, even to the point of having different ammunition types in the tubular magazine. (The rimfire BPR cannot do this.) The Trombone was aesthetically more pleasing than the BPR, which has a rather blocky appearance; the BPR is rather homely next to the Trombone. The Trombone appears sleeker and slimmer. It comes in two versions, almost identical for game purposes. The “budget” variety was the Grade I, with average-quality walnut and a plain blued receiver and barrel; and the Grade II, with higher-quality walnut and light engraving on the receiver.

Weapon	Ammunition	Weight	Magazines	Price
BPR	.243 Winchester	3.2 kg	4 Tubular	\$969
BPR	.270 Winchester	3.79 kg	4 Tubular	\$1428
BPR	7mm Remington Magnum	3.4 kg	3 Tubular	\$1510
BPR	7.62mm NATO	3.76 kg	4 Tubular	\$1399
BPR	.30-06 Springfield	4.07 kg	4 Tubular	\$1680
BPR (19.75" Barrel)	.300 Winchester Magnum	3.76 kg	3 Tubular	\$2158
BPR (24" Barrel)	.300 Winchester Magnum	3.84 kg	3 Tubular	\$2288
BPR	.22 Long Rifle	3.2 kg	11 Tubular	\$274
BPR	.22 Winchester Magnum Rimfire	3.2 kg	11 Tubular	\$296
Trombone	.22 Short, .22 Long, and .22 Long Rifle	2 kg	11 Tubular	\$264

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
BPR (.243)	PA	3	2-Nil	6	3	Nil	51
BPR (.270)	PA	4	2-3-Nil	6	4	Nil	46
BPR (7mm)	PA	4	1-2-3	7	5	Nil	78
BPR (7.62mm)	PA	4	2-3-Nil	6	4	Nil	61
BPR (.30-06)	PA	4	2-3-Nil	7	4	Nil	53
BPR (19.75", .300)	PA	5	2-3-Nil	7	4	Nil	60
BPR (24", .300)	PA	5	2-3-Nil	7	5	Nil	81
BPR (.22 Long Rifle)	PA	1	Nil	5	1	Nil	41
BPR (.22 Winchester Magnum Rimfire)	PA	1	Nil	5	1	Nil	62
Trombone (.22 Short)	PA	-2	Nil	5	1	Nil	33
Trombone (.22 Long)	PA	-1	Nil	5	1	Nil	34
Trombone (.22 Long Rifle)	PA	1	Nil	5	1	Nil	41

**Browning Dualis**

Notes: This is basically an updated BPR; the mechanism, manual safety, and magazine catch are all identical except for some cosmetic differences. The operation is also identical, including the unusual pump action pattern. The standard barrel is slightly longer at 20 inches, but the same barrel is used for magnum rounds and is therefore shorter than the barrel used on magnum BPR rifles. The Dualis has a sighting rib that also has a folding leaf sight; this rib can be removed, revealing drilling and tapping for a telescopic sight. The front sight has a bead with fluorescent plastic. The receiver housing is made from light alloy, but other metal parts are of high-strength steel. The stock and fore-end are of walnut; the pistol grip of the stock is unusually deep and is checkered. The Dualis was introduced in Europe in 2001, but was not sold in North America until 2003.

Twilight 2000 Notes: This rifle does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Dualis	.270 Winchester	3.2 kg	4 Tubular	\$1436



Dualis	7mm Remington Magnum		3.4 kg	3 Tubular	\$1476		
Dualis	7.62mm NATO		3.17 kg	4 Tubular	\$1408		
Dualis	.30-06 Springfield		3.42 kg	4 Tubular	\$1690		
Dualis	.300 Winchester Magnum		3.83 kg	3 Tubular	\$2173		
Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Dualis (.270)	PA	4	2-3-Nil	6	5	Nil	47
Dualis (7mm)	PA	4	1-2-3	6	5	Nil	59
Dualis (7.62mm)	PA	4	2-3-Nil	6	5	Nil	62
Dualis (.30-06)	PA	4	2-3-Nil	7	5	Nil	54
Dualis (.300)	PA	5	2-3-Nil	7	4	Nil	61

**Browning Repeating Carbine**

Notes: This pump-action rimfire rifle had a very long production run – from 1921 to 1974, during which about 152,000 were built. It was derived from the Winchester 1890, which was also designed by John Browning. It is very similar to the Browning Automatic Carbine. Note that in the Browning Repeating Carbine, the tubular magazine is in the standard position below the barrel.

Weapon	Ammunition	Weight	Magazines	Price
BRC	.22 Long Rifle	2.18 kg	15 Tubular	\$284

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
BRC	PA	1	Nil	5	1	Nil	45

Taurus 62 Upstart

Notes: This version of Taurus' Model 62 pump-action rifle is designed for novice shooters looking for a rifle good enough to keep for their entire life. The Upstart comes with two buttstocks to keep up with a growing person. The caliber is small, but it is excellent for plinking, target shooting, or varmint hunting. The sight rings will accept any scope compatible with a Weaver-type ring. The Upstart is fed from a tubular magazine, but "speedloaders" in the form of clear plastic tubes with a spring clip are provided.

Weapon	Ammunition	Weight	Magazines	Price
Model 62 Upstart	.22 Long Rifle	2.04 kg	12 Tubular	\$229

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 62 Upstart	PA	1	Nil	5	1	Nil	34

Taurus Thunderbolt

Notes: This pump-action western-style rifle is known for its fine fit and finish as well as for its accuracy – the latter due primarily to the long 26-inch barrel. There are two primary chamberings as well as six models, differing primarily in finish and essentially the same for game purposes. Though built using modern methods and materials, they are designed to "Old West"-type specifications, with straight-wrist wooden stocks, curved butts with metal buttplates, adjustable rear buckhorn sights, and basic rounded front sights. Finishes for the metalwork include blued and polished stainless steel, and stocks and pump fore-ends may be in any of three shades of hardwood, from a dark brown to a cherry-tone. The wrist is not checkered, but the pump fore-end is (though the checkering is coarse and can be hard on the hand). The long barrels allow a long magazine tube and a large ammunition capacity. The pump action requires only a short throw to operate and cycling is thus quite fast. The sights are perhaps biggest problem with the Thunderbolt; the rear sight has a rather poorly-defined notch (something easily fixed in a few minutes with a file), while the front sight is merely a round blade with a low notch taken out of the top rear (also easily fixed with a file); it can be difficult to form an adequate sight picture without those modifications. The magazine is loaded from a loading gate with the action open, but as the amount of rounds you load increases, the difficulty of loading them also increases, and loading all 14 can be quite hard. The Thunderbolt uses a manual safety which is applied with the hammer at the half-cock position; this also locks the pump fore-end, but this means that the rifle cannot be loaded while it is on safe. An unusual feature of the Thunderbolt (for a lever-action rifle) is an ejection port cover.

Twilight 2000 Notes: This rifle is not available in the Twilight 2000 timeline; it was in fact not available until near the end of 2005 in real life.

Weapon	Ammunition	Weight	Magazines	Price
Thunderbolt	.357 Magnum and .38 Special	3.69 kg	14 Tubular	\$509
Thunderbolt	.45 Long Colt	3.69 kg	14 Tubular	\$646

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Thunderbolt (.357)	PA	3	1-Nil	6	2	Nil	90
Thunderbolt (.38)	PA	2	1-Nil	6	2	Nil	72
Thunderbolt (.45)	PA	3	1-Nil	6	3	Nil	75

**BSA Repeating Rifle**

Notes: Introduced in 1923 as essentially a plinking-type rifle, the BSA Repeating Rifle was a pump-action design which was a modified version of the basic Browning-pattern pump-action designs. Like most rifles of the period, it had walnut furniture with steel metalwork, and a 21.5-inch barrel. The original version used a 6-round tubular magazine, but this version was joined in 1925 by an extended-magazine version holding 15 rounds. Some 10,000 were built before production stopped in 1939.

Weapon	Ammunition	Weight	Magazines	Price
Repeating Rifle (1923)	.22 Long Rifle	2.24 kg	6 Tubular	\$284
Repeating Rifle (1925)	.22 Long Rifle	2.26 kg	15 Tubular	\$285

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Repeating Rifle	PA	1	Nil	5	1	Nil	44

**Erma EG-722**

Notes: This is an EG-712 lever-action rifle modified to use pump action instead. This variant of the EG-712 was never as popular as its lever-action counterpart, and production was abandoned in 1988.

Weapon	Ammunition	Weight	Magazines	Price
EG-722	.22 Short, .22 Long, and .22 Long Rifle	2.4 kg	21 (.22 Short), 17 (.22 Long), 15 (.22 Long Rifle); Tubular	\$241

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
EG-722 (.22 Short)	PA	-2	Nil	5	1	Nil	30
EG-722 (.22 Long)	PA	1	Nil	5	1	Nil	33
EG-722 (.22 Long Rifle)	PA	1	Nil	5	1	Nil	37

**IMI Timberwolf**

Notes: This is a sporting rifle produced by Israeli Military Industries, normally known for its military arms. It is a simple and inexpensive pump-action rifle designed for hunting, plinking, and ease of care. It is built to the same demanding standards as its military brethren. It may chamber and fire two types of ammunition. It is drilled and tapped for a scope. The Timberwolf was produced only for a very short time, and is a very hard weapon to find. Due to its toughness and ease of care, however, it is usually treasured by its owners.

Weapon	Ammunition	Weight	Magazines	Price
Timberwolf	.38 Special and .357 Magnum	2.49 kg	10-Internal	\$428

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Timberwolf (.38)	PA	2	1-Nil	5	3	Nil	48
Timberwolf (.357)	PA	3	1-1-Nil	5	3	Nil	60



**Beretta Gold Rush**

Notes: Actually built by Beretta's subsidiary Uberti Arms (though sold only under the Beretta name), the Gold Rush is a replica of "Old West"-style pump-action rifles, though it is not a reproduction of any rifle in particular. It is built in both carbine and rifle-length versions, with either a standard round or heavy octagonal barrel. Carbine barrels are 20 inches; the rifle barrels are 24.25 inches if octagonal or 26 inches if round. Early models of the Gold Rush had some problems with a less-than-smooth action, heavy trigger pull, an action which could be opened even with the hammer at half or full cock position, and difficult magazine loading that often led to jamming of the magazine that was very difficult to clear. However, these problems have been greatly improved in newer models, with a redesign to the firing mechanism, safety mechanisms, and feed system and cartridge carrier. The sights have always been excellent, consisting of an adjustable rear leaf in newer models and an adjustable buckhorn in the older versions; the front sight is a flat-topped blade which Beretta will tailor to individual buyers upon request. The stock is of European walnut with a straight wrist, curved butt with a steel buttplate, and checkered wrist and pump lever. The finish of the barrel and magazine tube are polished blue, and the hammer natural metal, but the finish of the receiver, trigger and trigger guard are sort of a faux "color-case hardened" finish which is actually an applied finish rather than being genuine color-case hardening.

It should be noted that while the magazine capacities listed below are available in most countries where the Gold Rush is available, versions sold in Italy and certain other countries have blocks in the magazine tube limiting them to 5 rounds.

Twilight 2000 Notes: These rifles are not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Gold Rush Carbine (Round Barrel)	.357 Magnum and .38 Special	2.92 kg	10 Tubular	\$447
Gold Rush Carbine (Octagonal Barrel)	.357 Magnum and .38 Special	2.95 kg	10 Tubular	\$452
Gold Rush Carbine (Round Barrel)	.45 Long Colt	2.92 kg	10 Tubular	\$585
Gold Rush Carbine (Octagonal Barrel)	.45 Long Colt	2.95 kg	10 Tubular	\$590
Gold Rush Rifle (Round Barrel)	.357 Magnum and .38 Special	3.4 kg	14 Tubular	\$509
Gold Rush Rifle (Octagonal Barrel)	.357 Magnum and .38 Special	3.2 kg	14 Tubular	\$497
Gold Rush Rifle (Round Barrel)	.45 Long Colt	3.4 kg	12 Tubular	\$647
Gold Rush Rifle (Octagonal Barrel)	.45 Long Colt	3.2 kg	12 Tubular	\$635

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Gold Rush Carbine (Round, .357)	PA	3	1-Nil	5	3	Nil	67
Gold Rush Carbine (Octagonal, .357)	PA	3	1-Nil	5	3	Nil	69
Gold Rush Carbine (Round, .38)	PA	2	1-Nil	5	3	Nil	54
Gold Rush Carbine (Octagonal, .38)	PA	2	1-Nil	5	3	Nil	55
Gold Rush Carbine (Round, .45)	PA	3	1-Nil	5	3	Nil	56
Gold Rush Carbine (Octagonal, .45)	PA	3	1-Nil	5	3	Nil	57
Gold Rush Rifle (Round, .357)	PA	3	1-Nil	6	2	Nil	90
Gold Rush Rifle (Octagonal, .357)	PA	3	1-Nil	6	3	Nil	85
Gold Rush Rifle (Round, .38)	PA	2	1-Nil	6	2	Nil	72
Gold Rush Rifle (Octagonal, .38)	PA	2	1-Nil	6	2	Nil	68
Gold Rush Rifle (Round, .45)	PA	3	1-Nil	6	3	Nil	75
Gold Rush Rifle (Octagonal, .45)	PA	3	1-Nil	6	3	Nil	71

**Vektor H-5**

Originally designed as a police/riot weapon, the H-5 is one of the few pump-actions in the world actually adept at firing pointed bullets. At first, you may think this rifle is some sort of marketing fluke – a strange cartridge for a pump action rifle, not easy to engineer – but then you think, it's a riot, the police have been called in to quell the riot and need some serious non-lethal firepower, you don't want to simply spray rubber bullets all over the place. You want controlled spot shooting of riot leaders. That what the H-5 is designed for – controlled use of rubber bullets.

That's not to say that the H-5 cannot fire other sorts of 5.56mm ammunition – Vektor is now selling the H-5 as a civilian weapon. In the civilian market, it is not necessarily the best weapon; the feed group of a pump-action rifle shooting pointed bullets is complicated, can be quirky, and difficult to maintain if you don't know what you're doing. But civilian sales have been enough to keep it on the civilian market – more civilian sales have been made than to police forces.

The H-5 is a rotating bolt design that comes standard with a scope to ensure accurate shot placement. It can be had with a thumbhole wooden stock and wooden pump lever or a folding stock with a synthetic pump lever. The wood-stocked version has a recoil pad on its butt. The folding stock is a skeletonized side-folder. 22-inch, 18.1 inch, and 13.4-inch barrels lengths are available. The magazines are "safety" magazines – when you insert them, they have to be bolted in with a hex nut and allen key or they will simply fall out again.

The H-5 has an interesting "feature" -- if you hold the trigger down and pump the slide, it will fire as fast as you can rack the slide.

Weapon	Ammunition	Weight	Magazines*	Price
H-5 (Fixed Stock, 22" Barrel)	5.56mm NATO	4.5 kg	5, 10, 12	\$1075
H-5 (Fixed Stock, 18.1" Barrel)	5.56mm NATO	4.13 kg	5, 10, 12	\$1035
H-5 (Fixed Stock, 13.4" Barrel)	5.56mm NATO	3.78 kg	5, 10, 12	\$987
H-5 (Folding Stock, 22" Barrel)	5.56mm NATO	4.5 kg	5, 10, 12	\$1020
H-5 (Folding Stock, 18.1" Barrel)	5.56mm NATO	4.13 kg	5, 10, 12	\$980
H-5 (Folding Stock, 13.4" Barrel)	5.56mm NATO	3.78 kg	5, 10, 12	\$932

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
H-5 (Fixed Stock, 22")	PA [6]	3	1-Nil	6	2	Nil	64
H-5 (Fixed Stock 18.1")	PA [6]	3	1-Nil	6	2	Nil	48
H-5 (Fixed Stock 13.4")	PA [6]	3	1-Nil	5	2	Nil	30
H-5 (Folding Stock, 22")	PA [6]	3	1-Nil	5/6	2	Nil	64
H-5 (Folding Stock 18.1")	PA [6]	3	1-Nil	4/6	2	Nil	48
H-5 (Folding Stock 13.4")	PA [6]	3	1-Nil	3/5	2	Nil	30

AWA Lightning

Notes: This is a modern reproduction of the Colt Lightning pump-action rifle. A real vintage Colt Lightning can cost you a pretty penny, if you can find one, but the reproductions made by AWA (American Western Arms) are reasonable in price and in far less fragile condition than the originals. The AWA Lightning is made by using a combination of modern manufacturing methods (such as laser boresighting) and old-style methods (such as color casehardening). The result is a rather beautiful and well-shooting replica. Stocks are of various grades, but all use a straight-wrist stock.

The Lightning comes in several versions and grades. The Standard Edition Comes in a Rifle (with a 24-inch barrel) and a Carbine (with a 20-inch barrel). Stocks are of American Walnut, the metalwork is of steel, and the receiver has a simple engraving of the AWA company logo. The rear sight is a semi-buckhorn sight adjustable for elevation, and the front sight is a brass blade. Finish of the metalwork is polished blue.

The CCH Lightning, also available in a rifle or carbine, is essentially identical to the Standard Edition for game purposes. The CCH is finished in polished blue, except for the receiver, which is color-case hardened. The stock is of somewhat better LE American Walnut. The White Lightning is also identical to the Standard Edition for game purposes; however, the metalwork is hard-chrome plated bright. The stock is of LE American Walnut which is checkered on the wrist and pump slide. The front sight is German silver instead of brass.

The Limited Edition Lightning is a rare item – only 500 were built, and by the time of this writing (21 Dec 07), AWA had only 40 remaining in stock. As with the other Lightnings, the Limited Edition comes in carbine and rifle versions, but the receiver is beautifully engraved with the AWA logo as well as a stagecoach scene; it is also hard-chromed. The barrel and magazine are polished blue, and the trigger and hammer are also hard-chromed. The stock is of high-grade American Walnut, checkered on the wrist and pump slide. The rear sight is the standard semi-buckhorn, but fully adjustable, and the front sight is a silver bead instead of a blade. Again, this is identical to the Standard Edition for game purposes, though in real life AWA is selling them for \$1200 apiece.

The Lightningbolt Handgun is a special case – it is essentially a Standard Edition Lightning abbreviated into a handgun, though it is included here for completeness. The Lightningbolt (used by Steve McQueen in the TV Series *Wanted – Dead or Alive*, and called the "Mare's Leg" in that show). Has a stock almost completely sawed off to the wrist, an abbreviated 12-inch barrel and magazine, and is available from AWA in polished blue, color-case hardened, hard-chromed, or Nickel (polished, brushed, or matte) finishes. The standard sights remain (with the front blade moved back, of course). The Lightningbolt may be found in Standard, CCH, and White Lightningbolt versions. All are identical for game purposes.

Twilight 2000 Notes: This weapon does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
AWA Lightning Carbine	.32-20 Winchester	2.04 kg	10 Tubular	\$398
AWA Lightning Rifle	.32-20 Winchester	2.4 kg	10 Tubular	\$439
AWA Lightning Carbine	.38 Special	2.04 kg	10 Tubular	\$425
AWA Lightning Rifle	.38 Special	2.4 kg	10 Tubular	\$465
AWA Lightning Carbine	.38-40 Winchester	2.04 kg	10 Tubular	\$508
AWA Lightning Rifle	.38-40 Winchester	2.4 kg	10 Tubular	\$549
AWA Lightning Carbine	.44-40 Winchester	2.04 kg	10 Tubular	\$552
AWA Lightning Rifle	.44-40 Winchester	2.4 kg	10 Tubular	\$593
AWA Lightning Carbine	.45 Long Colt	2.04 kg	10 Tubular	\$585
AWA Lightning Rifle	.45 Long Colt	2.4 kg	10 Tubular	\$626
AWA Lightningbolt Handgun	.45 Long Colt	1.95 kg	5 Tubular	\$483

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
AWA Lightning Carbine (.32-20)	PA	2	1-Nil	5	2	Nil	57
AWA Lightning Rifle (.32-20)	PA	2	1-Nil	6	2	Nil	69
AWA Lightning Carbine (.38)	PA	2	1-Nil	5	3	Nil	54
AWA Lightning Rifle (.38)	PA	2	1-Nil	6	3	Nil	66
AWA Lightning Carbine (.38-40)	PA	3	1-Nil	5	4	Nil	56
AWA Lightning Rifle (.38-40)	PA	3	1-Nil	6	3	Nil	69
AWA Lightning Carbine (.44-40)	PA	3	1-Nil	6	4	Nil	56
AWA Lightning Rifle (.44-40)	PA	3	1-Nil	6	3	Nil	69
AWA Lightning Carbine (.45)	PA	3	1-Nil	6	4	Nil	56
AWA Lightning Rifle (.45)	PA	3	1-Nil	6	3	Nil	68
Lightningbolt Handgun	PA	3	1-Nil	3	4	Nil	29

Marlin 18 Series

Notes: This ancient pump-action rifle is a turn-of-the-20<sup>th</sup>-century design that proved to be exceptionally hardy. The Marlin 18 was designed in the early 20<sup>th</sup> century specifically to compete with the highly-successful Winchester Model 1890, and also to take some of the market away from the rimfire versions of the Winchester Model 1892 lever-action rifle. Designed by Lewis Hepburn (then a new designer at Marlin), the Marlin 18 was introduced to the public in 1906 catalogs. It achieved pretty decent sales, but could still not match the popularity of the Winchester 1890 initially; however, it was in production for a much longer period. Many early production examples of the Model 18 series are still quite serviceable today.

The toughness of the Model 18 series is partially due to its solid frame and receiver top, and heavy octagonal barrel. The stock is a simple straight-wrist hardwood design, with the pump slide also being of (non-ribbed) tough hardwood. The barrel of the Model 18 was 20 inches long, and aimed using a spring-leaf and elevator adjustable rear sight and a bead front sight. While a Model 18 could fire .22 Short *and* .22 Long Rifle, this required replacement of the tubular magazine; one could not fire both cartridges from the magazine tube, though the rest of the Model 18 required no alteration. The magazine tubes themselves were also loaded in a little-used method for tubular-magazine weapons; instead of using a loading gate, they were loaded by pulling the pump slide all the way back past its detents, removing the front of the magazine tube to access the front, sliding back the magazine sleeve, then opening the front of the tube itself enough to put rounds into it. A "takedown" version, with an easily-removable buttstock, was also made, but aside from this feature is identical to the standard Model 18 for game purposes. The Model 18 itself was produced from 1906-08. It should be noted that the Model 18 was commonly referred to as the "Baby Featherweight Repeater."

The Model 20 inherited the Model 18's mantle, and the basic Model 20 was built from 1907-11. Quite similar to the Model 18 both externally and internally, the Model 20 had a barrel lengthened to 24 inches. The stock was the same, but the pump lever was ribbed for a better grasp. The standard tubular magazine was of half-length, though a full-length magazine was an option. The Model 20 could also fire .22 Short, .22 Long, and .22 Long Rifle interchangeably, though the loading system was similar with the exception of the lack of a tubular magazine sleeve. The Model 20S replaced the Model 20 in production; it was essentially a Model 20 with an improved locking system and, for game purposes, identical to the Model 20. The Model 20S was replaced in turn by the Model 20A (also known as the Model 20AS); this version further improved the locking system by switching to a short locking bar, which in turn reduced the size of the locking shoulder and also eliminated the possibility of getting a black eye when one was aiming repeated shots and long Model 20 locking bar and locking shoulder hit them in the eye or cheek when the pump slide was cycled. The barrel length was reduced to 22.5 inches, and the standard version used a half-length magazine (though again, a full-length magazine was an option). Production of the Model 20A went from 1913-22. The Model 47 was essentially the same as the Model 27A, but used an exposed hammer, improved-reliability feeding system and magazine (again in half-length and full-length versions), and a checkered wrist and pump slide. They were in production only from 1930-31, and are otherwise the same as the Model 20A for game purposes.

A further variant of the Model 20 was the Model 25 Gallery Gun; an unusual version designed for indoor shooting by inexperienced

shooters, it was produced only from 1909-10. The Model 25 fired only the low power .22 Short or even-lower power .22 CB Cap cartridges, using the same strange loading system of the Model 20. The barrel was a 23-inch round barrel, it used a half-length magazine, and had an exposed hammer, but was otherwise identical to the Model 20. The Model 25S was virtually identical to the Model 25, but used a short locking bar and collar. It was produced from 1911-14, and is identical to the Model 25 for game purposes.

The Model 27 was essentially a larger-caliber version of the Model 20. Though primarily designed for small-caliber centerfire cartridges, a version was also designed to fire the now-obsolete .25 Long rimfire round. It used the "takedown" removable buttstock, and had an exposed hammer. The Model 27 retained the 24-inch octagonal barrel (sized for the larger cartridges), with a strengthened receiver. The original Model 27 was built from 1909-11. It was replaced by the Model 27S, which had a modified safety system allowing the action to be opened while the hammer remained locked. It too was originally built with an octagonal barrel, but in 1913 round barrels were introduced as an option. (Model 27Ss with octagonal barrels are the same as standard Model 27s for game purposes.) Production stopped in favor of wartime production in 1916, and did not pick up again until 1922. After World War 1, only round-barrel versions of the Model 27S were built. Production of the Model 27S stopped in 1932. Also in 1913, the Model 29 version began production; this was available only with a 23-inch round barrel, a half-length magazine, and a smooth pump slide. It was otherwise essentially a Model 27S. Production stopped in 1917 in favor of wartime projects, but the Model 29 was re-introduced in 1923, re-named as the Model 37, and production continued this time until 1931. The Model 37 is the same as the Model 29S for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
Model 18	.22 Short	1.7 kg	25 Tubular	\$304
Model 18	.22 Long Rifle	1.73 kg	14 Tubular	\$316
Model 20	.22 Short, .22 Long, and .22 Long Rifle	2.27 kg	15 (.22 Short), 13 (.22 Long), 10 (.22 Long Rifle); Tubular	\$316
Model 20	.22 Short, .22 Long, and .22 Long Rifle	2.28 kg	25 (.22 Short), 22 (.22 Long), 18 (.22 Long Rifle); Tubular	\$317
Model 20A	.22 Short, .22 Long, and .22 Long Rifle	2.2 kg	15 (.22 Short), 13 (.22 Long), 11 (.22 Long Rifle); Tubular	\$250
Model 20A	.22 Short, .22 Long, and .22 Long Rifle	2.13 kg	25 (.22 Short), 22 (.22 Long), 18 (.22 Long Rifle); Tubular	
Model 25	.22 Short	2.22 kg	15 Tubular	\$288
Model 25	.22 CB Cap	2.21 kg	18 Tubular	\$287
Model 27	.25 Long Rimfire	2.48 kg	11 Tubular	\$341
Model 27	.25-20 Winchester	2.57 kg	7 Tubular	\$395
Model 27	.32-20 Winchester	2.66 kg	7 Tubular	\$450
Model 27S (Round Barrel)	.25 Long Rimfire	2.47 kg	11 Tubular	\$335
Model 27S (Round Barrel)	.25-35 Stevens Rimfire	2.52 kg	8 Tubular	\$368
Model 27S (Round Barrel)	.25-20 Winchester	2.56 kg	7 Tubular	\$389
Model 27S (Round Barrel)	.32-20 Winchester	2.65 kg	7 Tubular	\$444

Model 29	.25 Long Rimfire	2.44 kg	6 Tubular	\$325
Model 29	.25-35 Stevens Rimfire	2.49 kg	4 Tubular	\$358
Model 29	.25-20 Winchester	2.53 kg	4 Tubular	\$378
Model 29	.32-20 Winchester	2.62 kg	4 Tubular	\$433

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 18 (.22 Short)	PA	-2	Nil	5	1	Nil	24
Model 18 (.22 Long Rifle)	PA	1	Nil	5	1	Nil	42
Model 20 (.22 Short)	PA	-2	Nil	6	1	Nil	28
Model 20 (.22 Long)	PA	-1	Nil	6	1	Nil	38
Model 20 (.22 Long Rifle)	PA	1	Nil	6	1	Nil	49
Model 20A (.22 Short)	PA	-2	Nil	5	1	Nil	26
Model 20A (.22 Long)	PA	-1	Nil	5	1	Nil	35
Model 20A (.22 Long Rifle)	PA	1	Nil	6	1	Nil	46
Model 25 (.22 CB Cap)	PA	-2	Nil	6	1	Nil	26
Model 25 (.22 Short)	PA	-2	Nil	6	1	Nil	26
Model 27 (.25)	PA	1	Nil	6	1	Nil	57
Model 27 (.25-20)	PA	2	1-Nil	6	1	Nil	71
Model 27 (.32-20)	PA	2	1-Nil	6	2	Nil	71
Model 27S (.25, Round)	PA	1	Nil	6	1	Nil	55
Model 27S (.25-35, Round)	PA	2	Nil	6	1	Nil	65
Model 27S (.25-20, Round)	PA	2	1-Nil	6	1	Nil	69
Model 27S (.32-20, Round)	PA	2	1-Nil	6	2	Nil	69
Model 29 (.25)	PA	1	Nil	6	1	Nil	53
Model 29 (.25-35)	PA	2	Nil	6	1	Nil	62
Model 29 (.25-20)	PA	2	1-Nil	6	1	Nil	66
Model 29 (.32-20)	PA	2	1-Nil	6	2	Nil	66

Remington 6

Notes: Pump-action is a rather uncommon operating system for a rifle; though it works quite well in shotguns, but tends to result in extraction failures when using necked cartridges. The Remington 6 is one of the few successful pump-action rifles using necked



cartridges, and even it can be a bit picky, reliably cycling with cartridges from one manufacturer, but not from another. Other than the pump-action feature, it is otherwise a normal hunting rifle.

Weapon	Ammunition	Weight	Magazines	Price
Remington 6	6mm Mauser	2.42 kg	4-Tubular	\$1059
Remington 6	.243 Winchester	2.32 kg	4-Tubular	\$996
Remington 6	.270 Winchester	3.02 kg	4-Tubular	\$1457
Remington 6	7.62mm NATO	2.98 kg	4-Tubular	\$1428
Remington 6	.30-06 Springfield	3.4 kg	4-Tubular	\$1710

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 6 (6mm)	PA	3	2-Nil	6	6	Nil	55
Remington 6 (.243)	PA	3	2-Nil	6	4	Nil	60
Remington 6 (.270)	PA	4	2-3-Nil	7	5	Nil	55
Remington 6 (7.62mm)	PA	4	2-3-Nil	7	5	Nil	72
Remington 6 (.30-06)	PA	4	2-3-Nil	7	5	Nil	62

Remington 12

Notes: This first pump-action Remington was designed by John Pederson. It is a straightforward design with no pistol grip and is a takedown design. Variants include the Remington 12B Gallery rifle, with an octagonal barrel and chambered only for .22 Short; the Model 12C NRA Target Grade rifle, with a 24-inch octagonal barrel; and the Model 12CS, a weapon built in small numbers.

Weapon	Ammunition	Weight	Magazines	Price
Remington 12	.22 Short, .22 Long, and .22 Long Rifle	2.04 kg	15 (.22 Short), 12 (.22 Long), 10 (.22 Long Rifle); Tubular	\$289
Remington 12B	.22 Short	2.02 kg	15 Tubular	\$278
Remington 12C	.22 Short, .22 Long, and .22 Long Rifle	2.09 kg	15 (.22 Short), 12 (.22 Long), 10 (.22 Long Rifle); Tubular	\$309
Remington 12CS	.22 Remington Auto	2.05 kg	12 Tubular	\$294

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 12 (.22 Short)	PA	-2	Nil	5	1	Nil	36
Remington 12 (.22 Long)	PA	1	Nil	5	1	Nil	41
Remington 12 (.22 Long Rifle)	PA	1	Nil	5	1	Nil	45
Remington 12B	PA	-2	Nil	5	1	Nil	36

Remington 12C (.22 Short)	PA	-2	Nil	6	1	Nil	40
Remington 12C (.22 Long)	PA	1	Nil	6	1	Nil	44
Remington 12C (.22 Long Rifle)	PA	1	Nil	6	1	Nil	48
Remington 12CS	PA	1	Nil	5	1	Nil	48

Remington 14

Notes: This is a straightforward enlargement of the rimfire pump-action Model 12 into a centerfire cartridge rifle. The standard Model 14 was chambered for only one cartridge, but Model 14-1 and 14-2 could fire others. The Models 14 Carbine, 14-1R, and 14-2R are all carbine versions of the basic rifles.

Weapon	Ammunition	Weight	Magazines	Price
Remington 14	.30 Remington	3.24 kg	5 Tubular	\$1453
Remington 14-1	.38-40 Winchester	2.46 kg	5 Tubular	\$553
Remington 14-2	.44-40 Winchester	2.52 kg	5 Tubular	\$597
Remington 14 Carbine	.30 Remington	3.17 kg	5 Tubular	\$1397
Remington 14-1R	.38-40 Winchester	2.36 kg	5 Tubular	\$498
Remington 14-2R	.44-40 Winchester	2.42 kg	5 Tubular	\$541

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 14	PA	4	2-3-Nil	8	5	Nil	81
Remington 14-1	PA	3	1-Nil	6	3	Nil	69
Remington 14-2	PA	3	1-Nil	6	3	Nil	69
Remington 14 Carbine	PA	4	2-3-Nil	7	5	Nil	55
Remington 14-1R	PA	3	1-Nil	5	3	Nil	52
Remington 14-2R	PA	3	1-Nil	6	3	Nil	52

Remington 121A Fieldmaster

Notes: This updated form of the Remington 12 was a compact and slender design despite the long barrel length. The weapon is otherwise a simple pump-action weapon, though several different grades of finish and woods were available. Variants included the Model 121S, firing .22 Remington Auto.

Weapon	Ammunition	Weight	Magazines	Price
Remington 121A	.22 Short, .22 Long, and .22 Long Rifle	2.72 kg	20 (.22 Short), 17 (.22 Long), 14 (.22 Long Rifle); Tubular	\$310
Remington 121S	.22 Remington Auto	2.74 kg	18 Tubular	\$314

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 121A (.22 Short)	PA	-2	Nil	6	1	Nil	40
Remington 121A (.22 Long)	PA	1	Nil	6	1	Nil	44
Remington 121A (.22 Long Rifle)	PA	1	Nil	6	1	Nil	48
Remington 121S	PA	1	Nil	6	1	Nil	51

Remington 141A Gamemaster

Notes: The Model 141A is basically an updated form of the Model 14, chambered only for proprietary Remington cartridges. They have pistol grip stocks and finely-ribbed slides.

Weapon	Ammunition	Weight	Magazines	Price
Remington 141A	.30 Remington	3.24 kg	5 Tubular	\$1453
Remington 141A	.32 Remington	3.34 kg	5 Tubular	\$1562
Remington 141A	.35 Remington	3.69 kg	5 Tubular	\$2278

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 141A (.30)	PA	4	2-3-Nil	8	5	Nil	81
Remington 141A (.32)	PA	4	2-3-Nil	8	5	Nil	81
Remington 141A (.35)	PA	5	2-4-Nil	8	6	Nil	81

Remington 572 Fieldmaster

Notes: First introduced as the Model 572A Fieldmaster in 1959, the Model 572 is a pump-action rimfire rifle with a walnut stock and fore-end. The Model 572A is a much-modernized version of the old Model 121; and features a slab-sided receiver (a rare sort of construction for lever-action rifles at the time), and used side-ejection, allowing the rifle to be grooved for a scope mount. The Model 572A used a crossbolt safety, and a straight-comb stock with a generous pistol grip wrist. The Model 572 is fed by a tubular magazine which may contain .22 Short, .22 Long, and .22 Long Rifle rounds – interchangeably. The rear sight is a robust leaf sight adjustable for height and windage. The stock is polished to a high sheen, and there is checkering in the pistol grip wrist. The top of the receiver has a rail for the mounting of a telescopic sight. The barrel is 23 inches long, and it was produced until 1966.

The Model 572BT Lightweight appeared in 1958, and was produced until 1962. It is similar in appearance to the Model 572A, but uses a light alloy frame and barrel sleeve, both in a color called by Remington "Buckskin Tan." The magazine, lever, and trigger were chromed, and the stock and slide are of light-stained walnut. The rifle was very light and handy, but the alloy parts wore quickly and production was stopped. A variant of this rifle, the Model 572CWB Lightweight, was identical except that the frame and barrel sleeve were in a color called "Crown Wing Black." The Model 572TWB was also identical to the 572BT except for the color (Teal Wing Blue"). They were produced concurrently with the Model 572BT and suffered from the same durability issues.

The Model 572 Sesquicentennial was built only 1966 in small numbers; it was a limited edition to celebrate Remington's 150<sup>th</sup> anniversary, and has special engraving on the receiver. It is identical to the Model 572A for game purposes. The last model, the Model 572BDL, was introduced in 1966, and is a slightly more deluxe version of the Model 572. It is also identical to the Model 572A for game purposes, and was built until 1992.

Weapon	Ammunition	Weight	Magazines	Price
Remington 572	.22 Short, .22 Long, and .22 Long Rifle	2.49 kg	22 (.22 Short), 20 (.22 Long), 17 (.22 Long Rifle); Tubular	\$299

Remington 572 Lightweight	.22 Short, .22 Long, and .22 Long Rifle	1.93 kg	22 (.22 Short), 20 (.22 Long), 17 (.22 Long Rifle); Tubular				\$300
Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 572 (.22 Short)	PA	-2	Nil	5	1	Nil	38
Remington 572 (.22 Long)	PA	-1	Nil	5	1	Nil	42
Remington 572 (.22 Long Rifle)	PA	1	Nil	5	1	Nil	46
Remington 572 Lightweight (.22 Short)	PA	-2	Nil	5	1	Nil	38
Remington 572 Lightweight (.22 Long)	PA	-1	Nil	5	1	Nil	42
Remington 572 Lightweight (.22 Long Rifle)	PA	1	Nil	5	1	Nil	46

Remington 760 Gamemaster

Notes: This rifle was intended to replace the Model 141. It looks similar to the Model 740A, except for the operating slide, but it is internally, of course, very different.

Weapon	Ammunition	Weight	Magazines	Price
Remington 760	5.56mm NATO	2.73 kg	4	\$792
Remington 760	6mm Remington	3.01 kg	4	\$1061
Remington 760	.243 Winchester	2.94 kg	4	\$995
Remington 760	.257 Roberts	3.11 kg	4	\$1159
Remington 760	.270 Winchester	3.38 kg	4	\$1456
Remington 760	.280 Remington	3.57 kg	4	\$1515
Remington 760	.300 Savage	3.41 kg	4	\$1345
Remington 760	.30-06 Springfield	3.77 kg	4	\$1709
Remington 760	7.62mm NATO	3.52 kg	4	\$1427
Remington 760	.35 Remington	4.04 kg	4	\$2218

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 760 (5.56mm)	PA	3	1-Nil	6	3	Nil	63
Remington 760 (6mm)	PA	3	2-Nil	7	3	Nil	55
Remington 760 (.243)	PA	3	2-Nil	7	3	Nil	60
Remington 760 (.257)	PA	3	2-Nil	7	4	Nil	58

Remington 760 (.270)	PA	4	2-3-Nil	7	4	Nil	56
Remington 760 (.280)	PA	4	2-3-Nil	7	4	Nil	56
Remington 760 (.300)	PA	4	2-3-Nil	7	4	Nil	71
Remington 760 (.30-06)	PA	4	2-3-Nil	7	4	Nil	62
Remington 760 (7.62mm)	PA	4	2-3-Nil	7	4	Nil	72
Remington 760 (.35)	PA	5	2-3-Nil	7	4	Nil	72

Remington 7600

Notes: This is basically a Remington 870P shotgun turned into a rifle. The Remington 7600, in its base form, is a pump-action magazine-fed rifle designed for several calibers and has a 22-inch barrel. The Model 7600P has a walnut stock and fore-end, steel metalwork, Williams ramp sights, and is drilled and tapped for a scope. The pistol grip wrist and the slide bar are both hand-checked. It was introduced in 1984. Variants include the Model Six, which is a deluxe version of the 7600 with fine fish-scale checkering instead of the normal checkering of the pistol grip and slide bar, a finer grade of walnut, and an inlaid cartridge case cap on the bottom of the mechanism housing which indicates the chambering of the weapon. (This is identical to the Model 7600 for game purposes.) The Remington 7600 Carbine has a chopped 18.5-inch barrel and is chambered only in .30-06; it appeared in 1987. The Model 7600 Jubilee Edition appeared in 1991, to commemorate Remington's 175<sup>th</sup> birthday; it is a high deluxe model with fine walnut for the stock and fore-end, an engraved receiver with gold inlay, and chambered only in .30-06. (A virtually identical version was issued in 1996 for the company's 180<sup>th</sup> birthday.) In 1998, the Remington 7600 Synthetic was introduced, with synthetic stock and fore-end; the weight is the same as the standard Model 7600, so it shoots the same for game purposes, but the price is slightly different, and it is not available in 6mm Remington or .35 Whelan chamberings. (The .280 Remington chambering was also dropped in 2001.) A further variant of the Model 7600 Synthetic is the Model 7600 Synthetic Carbine; this model has an 18.5-inch barrel and is chambered only for .30-06 Springfield. Again, the weight is the same as the standard Model 7600 Carbine, but the price is slightly different.

The Model 7600P Patrol Rifle is a special version of the Model 7600 designed specifically for police departments. This was done to allow commonality of training – a lot of US police departments use the 870P, and anyone familiar with the 870P is able to easily use the 7600P. The rifle also allows greater range and penetration than a shotgun slug. The Model 7600P has an R3 recoil pad on the butt, and has a short 16-inch barrel. (Trivia note: the "P" in both cases stands for "Parkerized," and not "Pump," or "Patrol" as many believe.)

The Model 7615P is a modification of the Model 7600P; it is basically a 7600P which is chambered for 5.56mm NATO and fed by high-capacity box magazines. The Model 7615P also has a synthetic stock, a Wilson Combat ghost ring rear sight and XS Sight Systems white-dot high-visibility front sight, and an R3 'jelly style" recoil pad on the butt.

Twilight 2000 Notes: The Model 7600P and 7615P do not exist in the Twilight 2000 timeline. The Synthetic models also do not exist.

Merc 2000 Notes: These weapons do exist, though most police officers have chosen weapons that offer greater firepower.

Weapon	Ammunition	Weight	Magazines	Price
Remington 7600	6mm Remington	3.4 kg	4	\$1057
Remington 7600	.243 Winchester	3.32 kg	4	\$991
Remington 7600	.270 Winchester	3.91 kg	4	\$1449
Remington 7600	.280 Remington	3.98 kg	4	\$1509
Remington 7600	7.62mm NATO	3.88 kg	4	\$1421
Remington 7600	.30-06 Springfield	4.2 kg	4	\$1701

Remington 7600	.35 Whelan	4.92 kg	4	\$2669
Remington 7600 Carbine	.30-06 Springfield	3.3 kg	4	\$1666
Remington 7600 Synthetic	.243 Winchester	3.32 kg	4	\$1001
Remington 7600 Synthetic	.270 Winchester	3.91 kg	4	\$1459
Remington 7600 Synthetic	.280 Remington	3.98 kg	4	\$1519
Remington 7600 Synthetic	7.62mm NATO	3.88 kg	4	\$1431
Remington 7600 Synthetic	.30-06 Springfield	4.2 kg	4	\$1711
Remington 7600 Synthetic Carbine	.30-06 Springfield	3.3 kg	4	\$1676
Remington 7600P	7.62mm NATO	3.18 kg	4	\$1457
Remington 7615P	5.56mm NATO	3.18 kg	10, 20, 30	\$819

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 7600 (6mm)	PA	3	2-Nil	6	3	Nil	55
Remington 7600 (.243)	PA	3	2-Nil	6	3	Nil	60
Remington 7600 (.270)	PA	4	2-3-Nil	7	4	Nil	55
Remington 7600 (.280)	PA	4	2-3-Nil	7	4	Nil	56
Remington 7600 (7.62mm)	PA	4	2-3-Nil	7	4	Nil	72
Remington 7600 (.30-06)	PA	4	2-3-Nil	7	4	Nil	62
Remington 7600 (.35)	PA	5	2-4-Nil	7	5	Nil	72
Remington 7600 Carbine	PA	4	2-3-Nil	6	5	Nil	48
Remington 7600P	PA	4	2-3-Nil	6	4	Nil	47
Remington 7615P	PA	3	1-Nil	5	2	Nil	42



Savage 170

Notes: This was Savage's only centerfire pump-action rifle. It is a fairly recent development compared to its other pump-action models, being produced from 1970 to 1981. It is a standard shotgun-type rifle in function, with a squared slide. The carbine variant, the Model 170C, fires only .30-30 Winchester, and has a short 18.5-inch barrel.

Weapon	Ammunition	Weight	Magazines	Price
Savage 170	.30-30 Winchester	2.74 kg	3 Tubular	\$1440
Savage 170	.35 Remington	3.08 kg	3 Tubular	\$2220
Savage 170C	.30-30 Winchester	2.69 kg	3 Tubular	\$1404

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 170 (.30-30)	PA	4	2-3-Nil	7	5	Nil	72
Savage 170 (.35)	PA	5	2-3-Nil	7	5	Nil	72
Savage 170C	PA	4	2-3-Nil	6	5	Nil	55

Savage 1903

Notes: This was the first Savage-made pump-action gun. It is built on a basic shotgun-type pattern, with a round slide handle and a standard stock with a pistol grip. It was, however, unusual in that it was fed by a box magazine instead of the normal tube. The Model 1903 had a barrel of 24 inches, but a carbine variant, the Model 1909, had a 20-inch barrel. The Model 1914 is basically a tube-fed variant of the Model 1903.

Weapon	Ammunition	Weight	Magazines	Price
Savage 1903	.22 Short, .22 Long, and .22 Long Rifle	2.38 kg	7	\$309
Savage 1909	.22 Short, .22 Long, and .22 Long Rifle	2.18 kg	7	\$269
Savage 1914	.22 Short, .22 Long, and .22 Long Rifle	2.61 kg	20 (.22 Short), 17 (.22 Long), 15 (.22 Long Rifle); Tubular	\$310

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 1903/1914 (.22 Short)	PA	-2	Nil	6	1	Nil	40
Savage 1903/1914 (.22 Long)	PA	1	Nil	6	1	Nil	44
Savage 1903/1914 (.22 Long Rifle)	PA	1	Nil	6	1	Nil	48
Savage 1909 (.22 Short)	PA	-2	Nil	5	1	Nil	33
Savage 1909 (.22 Long)	PA	1	Nil	5	1	Nil	37
Savage 1909 (.22 Long Rifle)	PA	1	Nil	5	1	Nil	41

Troy Pump-Action Rifle

Notes: The Troy PAR is an AR-based pump-action rifle. The side and lower handguards are in three parts, and look like MIL-STD-1913 rails with blank plates attached to them; however, this is actually the slide. The PAR does actually have MIL-STD-1913 rails; one extends down the top of the receiver and interlocks with the Rail extending down the upper handguard, while the other two are on the sides and bottom. (The grip for the slide is behind these rails.) This is the Troy Alpha handguard set. The PAR is designed to be legal in jurisdictions that have allergies towards "assault rifle"- type rifles, and is legal in all 50 states and all US territories and dependencies. 5.56mm versions are based on the AR-15A2; 7.62mm and .338 Federal chamberings are based on the AR-10.

The PAR is also different internally, necessary to convert the rifle from direct gas impingement to pump action. One by-product is that the PAR can use a side-folding stock, though all iterations of the PAR so far use a sliding stock. The bolt carrier group is a unique design that will not work in other ARs. The receiver halves are standard AR-type receivers. They are of aircraft-quality aluminum, hardcoat anodized, and then given a hydro-dip finish, in either black or Mossy Oak camouflage pattern. The handguards and stock are also given the same hydro-dip finish. Synthetic furniture, such as the rail covers, BattleAx pistol grip, and recoil pad are tan. The stock is a BattleAx 5-position sliding stock with sling swivels on the sides that are QD, though an option is a side-folding stock. Controls are mostly AR, except for the ambidextrous selector lever. The manual safety is a button behind the slide that locks the slide. The trigger is single-stage and has a pull weight of 4.25 pounds. There are BUIS, the rear is a Troy rear-folding BattleSight and the front is a front-folding M4 BattleSight.

The 20-inch barrel (16 inches for the 5.56mm and .300 versions) is bead-blasted, which increases the cooling surface as well as slightly lightning the barrel; the primary purpose, however is to increase weather and dirt resistance. The barrel is tipped with a two-chamber Troy Medieval muzzle brake. The barrel is black Melonited. Behind this is a section of aluminum with cooling holes. The PAR is compatible with just about all AR magazines; in fact, the 7.62mm magazines will accept .338 Federal rounds. The PAR ships with one 10-round Magpul PMAG.

The PAR can be a bit heavy in some chamberings, but comfortable for average-sized and large shooters. Small-statured shooters may find the slide a little difficult to reach comfortably. It should be noted that if you do not rack the slide completely, the chances of a double feed are good.

Weapon	Ammunition	Weight	Magazines	Price
PAR	5.56mm NATO	2.95 kg	5, 10, 20, 30	\$972
PAR	7.62mm NATO	3.87 kg	5, 10, 20, 25	\$1654
PAR	.338 Federal	3.92 kg	5, 9, 18, 23	\$1897
PAR	.300 Blackout	2.95 kg	5, 10, 20, 30	\$1231

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
PAR (5.56mm)	PA	3	1-Nil	4/5	2	Nil	40
PAR (7.62mm)	PA	4	2-3-Nil	5/7	3	Nil	62
PAR (.338)	PA	5	2-3-Nil	6/7	3	Nil	62
PAR (.300)	PA	3	2-Nil	4/6	3	Nil	44

US Fire Arms Lightning

Notes: This is US Fire Arms' take on the large-frame version of the old Colt Lightning pump-action rifle. Though the USFA Lightning is designed primarily for blackpowder shooting, it is quite strong enough to fire rounds propelled by smokeless powder. It is a very fast-shooting rifle; in fact, like the Colt Lightning, the shooter can simply hold the trigger back and pump the action to produce a large volume of somewhat inaccurate fire. (In game terms, the shooter who does this fires at the SA rate, but adds one to the recoil of each shot.) The USFA Lightning is an almost perfect copy of the large-frame version of the Colt Lightning; about the only difference is the lack of 100 years of wear and tear on the weapon, and less ammunition choice available. An oddity of the Lightning is that the action must be racked open, with the bolt protruding from the rear of the receiver, in order to load the magazine. The long, heavy octagonal barrel contributes to accuracy, and the sights consist of a semi-buckhorn adjustable rear and a silver blade front sight.

Weapon	Ammunition	Weight	Magazines	Price
Lightning	.38-40 Winchester	2.21 kg	15 Tubular	\$581
Lightning	.44-40 Winchester	2.27 kg	15 Tubular	\$625
Lightning	.45 Long Colt	2.31 kg	15 Tubular	\$659

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Lightning (.38-40)	PA	3	1-Nil	7	3	Nil	77
Lightning (.44-40)	PA	3	1-Nil	7	3	Nil	77
Lightning (.45)	PA	3	1-Nil	7	3	Nil	77

Winchester M-61

Notes: This pre-World War 2 rimfire rifle was produced for nearly 22 years, until 1963. Some versions could chamber .22 Short, .22 Long. .22 Long Rifle rounds interchangeably; others were tailored for specific rounds. Almost 400,000 of these rifles were manufactured, and they can still be found today.

Weapon	Ammunition	Weight	Magazines	Price
M-61	.22 Short, .22 Long, and .22 Long Rifle	2.49 kg	20 (.22 Short), 17 (.22 Long, 14 (.22 Long Rifle); Tubular	\$310
M-61	.22 Short	2.45 kg	20 Tubular	\$298
M-61	.22 Long	2.47 kg	17 Tubular	\$304
M-61	.22 Long Rifle	2.49 kg	14 Tubular	\$310
M-61	.22 Winchester Magnum Rimfire	2.61 kg	10 Tubular	\$341
M-61	.22 Winchester Rimfire	2.59 kg	11 Tubular	\$335

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-61 (.22 Short)	PA	-2	Nil	6	1	Nil	40
M-61 (.22 Long)	PA	1	Nil	6	1	Nil	44
M-61 (.22 Long Rifle)	PA	1	Nil	6	1	Nil	48
M-61 (.22 Magnum)	PA	1	Nil	6	1	Nil	63
M-61 (.22 Win Rimfire)	PA	1	Nil	6	1	Nil	62

Winchester M-270

Notes: This pump-action rifle completes the set of the M-250, M-270, and M-290. It is basically a pump-action version of those rifles, with an aluminum alloy receiver and ejection port on the right side. The M-275 variant fires magnum ammunition, but is otherwise similar. Other versions of this rifle differ primarily in stock or sight design and are identical to these two rifles in game terms.

Weapon	Ammunition	Weight	Magazines	Price
M-270	.22 Short, .22 Long, and .22 Long Rifle	2.27 kg	21 (.22 Short), 18 (.22 Long), 15 (.22 Long Rifle); Tubular	\$269

M-275	.22 Winchester Magnum Rimfire	2.47 kg	11 Tubular	\$301
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Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-270 (.22 Short)	PA	-2	Nil	5	1	Nil	34
M-270 (.22 Long)	PA	1	Nil	5	1	Nil	38
M-270 (.22 Long Rifle)	PA	1	Nil	5	1	Nil	42
M-275	PA	1	Nil	5	1	Nil	53

**Carabina Modelo Militar**

Notes: The Carabina Modelo Militar was built to be a low-cost training rifle for troops who would eventually using heavier weapons to teach the basic principles of marksmanship. They were eventually superseded by the FAL Cal .22. The CMM is basically an M-1 Carbine rechambered for the .22 Long Rifle cartridges, and is internally almost identical to that weapon. Most of these weapons have been put into storage or sold on the civilian market.

Twilight 2000 Notes: When the Twilight War reached Argentina, these weapons were widely distributed to civilian paramilitary forces and militias, sometimes to children as young as 10. Most Argentines given the CMM used them for hunting, as it made a poor antipersonnel weapon, especially against an enemy equipped with any sort of body armor.

Weapon	Ammunition	Weight	Magazines	Price
CMM	.22 Long Rifle	2.5 kg	10	\$230

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CMM	SA	1	Nil	6	1	Nil	37

**FAL Cal .22**

Notes: This basically a FAL that has been rechambered for the .22 Long Rifle cartridge. This was done because for most basic marksmanship training, using the .22 Long Rifle cartridge has most of the same benefits while being much cheaper than the 7.62 NATO cartridge. The FAL Cal .22 is also useful for teaching care of the rifle, since the innards are virtually identical to the standard FAL. When switching to a standard FAL, all you really have to do is get the troops used to the greater recoil and longer range of the 7.62N round.

Twilight 2000 Notes: As with the CMM above, the FAL Cal .22 was handed out to Argentine irregular and militia forces, ostensibly for use against enemy soldiers; instead, it was largely used for hunting and rat control.

Weapon	Ammunition	Weight	Magazines	Price
FAL Cal .22	.22 Long Rifle	4.6 kg	20	\$261

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
FAL Cal .22	SA	1	Nil	7	1	Nil	43

**Sportco 71S/87A**

Notes: These are semiautomatic varmint hunting rifles of otherwise conventional design. It started production in about 1966 and was produced for at least 10 years. The 71S is of conventional construction, with a distinctive squared fore-end. Construction was kept simple, with most metal parts made of stamped steel and so-so quality of wood. The receiver is grooved for a scope mount. The Sportco 71S was uses as a training rifle for a short time by the British military as the L-29A1 and L-29A2, but these were quickly replaced by the Cadet model of the L-85.

The Sportco 87A, also known as the Sportomatic M-87A, is similar, but uses a tubular magazine instead of the detachable box of the 71S. It was abandoned in 1967.

Weapon	Ammunition	Weight	Magazines	Price
Sportco 71S	.22 Long Rifle	2.72 kg	10	\$291
Sportco 87A	.22 Long Rifle	2.75 kg	10 Tubular	\$291

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sportco 71S/87A	SA	1	Nil	6	1	Nil	48

**MSAR STG-556**

Notes: One of the newest civilian versions of the Steyr AUG series is the STG-556. Built by a Steyr subsidiary in the US called Microtech Small Arms Research (MSAR), the STG-556 is actually built from better-quality materials and to closer tolerances than the AUG. The receiver is, in fact, made from 7075-76 aluminum rather than polymer, and is hardcoat-anodized. (The stock is still polymer.) The STG-556 also has a bolt hold-open feature and a forward assist. Though MIL-STD-1913 rails are not standard features, two attachment points for them are provided under the optical sight; alternatively, the STG-556 can be ordered without the AUG-like optical sight and with a MIL-STD-1913 rail atop the receiver instead. The optical sight is still 1.5x, but the reticle is different. Magazines used are of the traditional AUG-specific type used on the AUG A1 series, with 10 and 20-round magazines also being available. (These reduced-capacity magazines will also fit into an AUG A1.) An unusual feature is that the STG-556 can be had in 6.8mm SPC, and a kit is also available to convert a 5.56mm STG-556 to fire 6.8mm SPC.

A variant of the STG-556, the MSC-08, can be had as a complete rifle or as a kit to convert the STG-556 to the MSC-08 configuration. The MSC-08 is a 9mm carbine with a 16.5-inch barrel. The features are for the most part the same as the STG-556, except for the varying barrel lengths.

Twilight 2000 Notes: These weapons do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
STG-556 (14" Barrel)	5.56mm NATO	3.21 kg	10, 20, 30, 42	\$674
STG-556 (16" Barrel)	5.56mm NATO	3.27 kg	10, 20, 30, 42	\$695
STG-556 (20" Barrel)	5.56mm NATO	3.36 kg	10, 20, 30, 42	\$736
STG-556 (14" Barrel)	6.8mm SPC	3.6 kg	8, 16, 26, 36	\$813
STG-556 (16" Barrel)	6.8mm SPC	3.67 kg	8, 16, 26, 36	\$834
STG-556 (20" Barrel)	6.8mm SPC	3.77 kg	8, 16, 26, 36	\$875
MSC-08	9mm Parabellum	3.51 kg	25, 32	\$500

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
STG-556 (5.56mm, 14")	SA	3	1-Nil	4	2	Nil	29
STG-556 (5.56mm, 16")	SA	3	1-Nil	4	2	Nil	36
STG-556 (5.56mm, 20")	SA	3	1-Nil	5	2	Nil	50
STG-556 (6.8mm, 14")	SA	3	1-2-Nil	4	2	Nil	39
STG-556 (6.8mm, 16")	SA	3	1-2-Nil	4	2	Nil	48
STG-556 (6.8mm, 20")	SA	3	1-2-Nil	5	3	Nil	67
MSC-08	SA	2	Nil	5	1	Nil	37

**Voere Titan II**

Notes: This is an update of the basic pre-World War 2 Titan design, produced in the 1970s. The Titan II (also known as the Titan 225) is mostly a standard-design bolt-action rifle, but uses a deep stock cut to form a handgrip. The receiver is very streamlined, and the Titan II could be had with a standard single trigger or a set trigger. The titan II is a very robust rifle able to fire both standard and Magnum cartridges with only minor modifications to the basic design, and it is available in a plethora of chamberings. The Titan II is available in a *Luxusmodell* version (deluxe model), which is the same weapon built with a combination of cherry and rosewood, and



engraved artwork. Production of the Titan II appears to have stopped in 1994.

Weapon	Ammunition	Weight	Magazines	Price
Titan II	5.6mm RWS	3.26 kg	5	\$822
Titan II	.243 Winchester	3.34 kg	5	\$858
Titan II	.25-06 Remington	3.7 kg	5	\$1039
Titan II	6.5mm Swedish Mauser	3.35 kg	5	\$981
Titan II	6.5mm Mauser	3.35 kg	5	\$1001
Titan II	6.5x68mm RWS	3.59 kg	5	\$1130
Titan II	.270 Winchester	3.5 kg	5	\$1165
Titan II	.270 Weatherby Magnum	3.51 kg	5	\$1169
Titan II	7mm Mauser	3.37 kg	5	\$1105
Titan II	7mm Brenneke	3.57 kg	5	\$1195
Titan II	7mm Vom Hofe	3.62 kg	5	\$1218
Titan II	7mm Remington Magnum	3.38 kg	5	\$1192
Titan II	7.5mm Swiss	3.42 kg	5	\$1211
Titan II	.300 H&H Magnum	4.25 kg	5	\$1997
Titan II	.300 Weatherby Magnum	4.21 kg	5	\$1987
Titan II	.300 Winchester Magnum	3.85 kg	5	\$1906
Titan II	.30-06 Springfield	3.42 kg	5	\$1334
Titan II	.308 Norma Magnum	3.7 kg	5	\$1362
Titan II	7.62mm NATO	3.3 kg	5	\$1146
Titan II	8mm Mauser	3.97 kg	5	\$1326
Titan II	8x68mm RWS	4.62 kg	5	\$2022
Titan II	.338 Winchester Magnum	4.71 kg	5	\$2055
Titan II	9.3mm Mauser	4.73 kg	5	\$2214
Titan II	9.3mm Brenneke	4.81 kg	5	\$2269
Titan II	.375mm H&H Magnum	4.93 kg	5	\$2541
Titan II	.458 Winchester Magnum	5.51 kg	5	\$3051

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Titan II (5.6mm)	SA	3	2-Nil	7	2	Nil	63
Titan II (.243)	SA	3	2-Nil	7	3	Nil	74
Titan II (.25-06)	SA	4	2-3-Nil	7	3	Nil	65
Titan II (6.5mm Swedish)	SA	4	2-3-Nil	7	3	Nil	77
Titan II (6.5mm Mauser)	SA	4	2-3-Nil	7	4	Nil	74
Titan II (6.5x68mm)	SA	4	1-2-3	7	3	Nil	75
Titan II (.270 Winchester)	SA	4	2-3-Nil	7	3	Nil	69
Titan II (.270 Magnum)	SA	4	1-2-3	7	3	Nil	82
Titan II (7mm Mauser)	SA	4	2-3-Nil	7	4	Nil	80
Titan II (7mm Brenneke)	SA	4	2-3-Nil	7	4	Nil	71
Titan II (7mm Vom Hofe)	SA	4	2-3-Nil	7	4	Nil	70
Titan II (7mm Magnum)	SA	4	1-2-3	7	4	Nil	86
Titan II (7.5mm Swiss)	SA	4	2-3-Nil	7	4	Nil	89
Titan II (.300 H&H)	SA	5	1-2-3	8	3	Nil	82
Titan II (.300 Weatherby)	SA	5	1-2-3	8	3	Nil	82
Titan II (.300 Winchester)	SA	5	2-3-Nil	8	4	Nil	89
Titan II (.30-06)	SA	4	2-3-Nil	8	4	Nil	78
Titan II (.308 Norma)	SA	5	1-2-3	8	4	Nil	91
Titan II (7.62mm)	SA	4	2-3-Nil	7	4	Nil	89
Titan II (8mm Mauser)	SA	5	2-3-Nil	8	4	Nil	90
Titan II (8x68mm)	SA	6	1-3-Nil	8	4	Nil	92
Titan II (.338)	SA	6	1-3-Nil	8	4	Nil	103
Titan II (9.3mm Mauser)	SA	5	2-4-Nil	8	4	Nil	90
Titan II (9.3mm Brenneke)	SA	5	2-4-Nil	8	4	Nil	90
Titan II (.375)	SA	7	1-3-5	8	4	Nil	100
Titan II (.458)	SA	8	1-3-5	9	4	Nil	108

**Browning Automatic Carbine (Auto-22)**

Notes: This weapon was first designed by John Browning in 1908, but production did not begin until 1913. It was built in several production batches: 1913-14, 1920-40, 1947-76, and (by the Miroku Firearms Company in Japan, though sold exclusively through FN/Browning) from 1976 until this day. It is a simple autoloading small-caliber rifle with a tubular magazine in the butt instead of under the barrel. It is not simply a scaled-down version of a larger rifle; it was designed specifically for the cartridges it fires. The magazine in the butt has an unusual feature: there is a port cut in the butt allowing the magazine to be half-filled without removing the entire magazine. Ejection is from the bottom of the receiver. The tubular magazine is not under the forearm; the forearm is simply a solid piece of shaped wood and the magazine is in the stock. The barrel length is 19.375 inches. The original model came in versions firing .22 Long Rifle (the most common by far) or .22 Short (a rare variant). Other variants include the very basic Model A, with a small magazine and overall smaller size; the Model B, an improved model A with a checkered pistol grip butt and better-quality woods; the BAC Deluxe, with a grayed steel receiver (Grade III), or a even more elaborate artwork (Grade IV), or gold-inlaid artwork (Grade V), attractive artwork on the receiver, and a version able to fire .22 Magnum rounds. Grade II, III, and IV Auto-22s are sometimes engraved and, much more rarely, have the artists' signatures engraved on the right side of the receiver. IRL, these are worth a lot of money, but this has no practical effect in game terms. Normal finishing is blued, and sometimes with simple engraving. The walnut is Grade I, checkered on the wrist and forearm. Grade II rifles has a gold-plated trigger and more elaborate engraving, with the metalwork having a bright finish (called "Coin" by Browning) or Parkerized gray. Grade III rifles had engraving of an elaborate game scene, with the right side having a hunting dog chasing three ducks and the left a dog holding a rabbit or duck. Other scenes are available though special order. The stock of a grade III has elaborate skipline checkering instead of the normal cut. The Grade IV, the only version remaining in production, has blue or grayed engraved receivers, and barrels (non-engraved). The engraving is in gold, and the trigger is gold-plated.

The Auto-22 has also proven itself amenable to the addition of a suppressor, though so far no one has done this with any other than a standard Auto-22 (BAC). It is the same as the standard BAC with the exception of the addition of a suppressor; however, a suppressed Auto-22 has different stats and firing characteristics,

Weapon	Ammunition	Weight	Magazines	Price
BAC	.22 Short	2.11 kg	15 Tubular	\$240
BAC	.22 Long Rifle	2.15 kg	11 Tubular	\$248
BAC Models A&B	.22 Short	1.77 kg	11 Tubular	\$189
BAC Models A&B	.22 Long Rifle	1.81 kg	8 Tubular	\$196
BAC Deluxe	.22 Short	1.94 kg	15 Tubular	\$235
BAC Deluxe	.22 Long Rifle	1.98 kg	11 Tubular	\$243
BAC Deluxe	.22 Winchester Magnum Rimfire	2.1 kg	8 Tubular	\$264
BAC Suppressed	.22 Short	2.26 kg	15 Tubular	\$272
BAC Suppressed	.22 Long Rifle	2.38 kg	11 Tubular	\$295

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
BAC (.22 Short)	SA	-2	Nil	5	1	Nil	32
BAC (.22 Long Rifle)	SA	1	Nil	5	1	Nil	40
BAC Model A&B (.22 Short)	SA	-2	Nil	4	1	Nil	24
BAC Model A&B (.22 Long Rifle)	SA	1	Nil	4	1	Nil	28
BAC Deluxe (.22 Short)	SA	-2	Nil	5	1	Nil	32
BAC Deluxe (.22 Long Rifle)	SA	1	Nil	5	1	Nil	40
BAC Deluxe (.22 Magnum)	SA	1	Nil	5	1	Nil	49
BAC (.22 Short, Suppressed)	SA	-2	Nil	5	1	Nil	27
BAC (.22 Long Rifle, Suppressed)	SA	1	Nil	5	1	Nil	33

**Browning BAR**

Notes: This is basically the updated, semiautomatic counterpart to the BBR. These weapons are very popular in North America, South America, and Europe. It is a very elegant design, simple to use and maintain, and can often be found with engraved artwork (often gold-inlaid). Barrels as were 22 inches long for the standard guns, but a 22-inch barrel was later made available. The First BARs were introduced in 1967, initially called the Browning High-Power Auto Rifle. The .280 version was not introduced until 1988. All BARs have some type of iron sights and are also drilled and tapped.

Variants of the basic design include the Battue, introduced in the mid-1980s; this version has a folding leaf sight at the quarter-rib. It is otherwise identical to standard BAR for game purposes. The BAR Big Game Special Edition was a version in .30-06, using a 22-inch barrel that is heavy and target-crowned. The trigger is gold-plated, and the silver-gray receiver has engraved scenes of a mule deer on the left and white-tail deer on the left. Each scene also has a trophy head of the animal inlaid with gold. Only 600 of this model were built between 1987-88. The BAR Deluxe is just as it sounds, a deluxe version of the BAR; the primary difference is the engraving on the receiver and the quality wood used in its stock, and it is otherwise identical to the standard BAR for game purposes. The BAR Magnum is, as the name indicates, a magnum-firing version of the BAR, with a 24-inch barrel. The .300 Winchester Magnum was introduced in 1969; the .338 version disappeared in 1977, but was re-introduced in 1988. The Safari is basically a

Magnum with a heavy barrel and stalking-type iron sights. The Lightweight has a light alloy receiver and a short 20.05-inch barrel; it was introduced in 1996. Shortly thereafter (2000) came the Lightweight Magnum, basically the same as the Lightweight but magnum-firing. The Light Battue Prima was introduced in 2001, basically a Battue built to Lightweight standards and firing a different mix of calibers. In 2002, a number of special versions of the BAR appeared, such as the BAR Evolve, with the light alloy receiver but a full 22-inch barrel. The BAR Light Stalker has a light alloy receiver, stalking-type sights, a dark gray plastic stock, 22-inch barrel, and a limited selection of chamberings.

In 1985, the BAR name was dropped (except in the US), and the rifle renamed the Affut.  
Twilight 2000 Notes: These weapons can be found in the hands of many a hunter or militia member. However, only the standard BAR, the Big-Game Special, and the Magnum exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
BAR	.243 Winchester	3.35 kg	5	\$742
BAR	.270 Winchester	3.95 kg	5	\$1048
BAR	.280 Remington	4.02 kg	5	\$1087
BAR	7.62mm NATO	3.92 kg	5	\$1029
BAR	.30-06 Springfield	4.24 kg	5	\$1215
BAR Big-Game Special	.30-06 Springfield	4.25 kg	5	\$1221
BAR Magnum	7mm Remington Magnum	3.7 kg	4	\$1094
BAR Magnum	.300 Winchester Magnum	4.18 kg	4	\$1775
BAR Magnum	.338 Winchester Magnum	4.38 kg	4	\$1922
BAR Safari	7mm Remington Magnum	3.71 kg	4	\$1100
BAR Safari	.300 Winchester Magnum	4.19 kg	4	\$1793
BAR Safari	.338 Winchester Magnum	4.39 kg	4	\$1941
BAR Lightweight	.243 Winchester	3.1 kg	5	\$726
BAR Lightweight	.270 Winchester	3.63 kg	5	\$1034
BAR Lightweight	7.62mm NATO	3.6 kg	5	\$1015
BAR Lightweight	.30-06 Springfield	3.89 kg	5	\$1203
BAR Lightweight Magnum	7mm Remington Magnum	3.69 kg	4	\$1060
BAR Lightweight Magnum	.300 Winchester Magnum	4.17 kg	4	\$1662
BAR Lightweight Magnum	.338 Winchester Magnum	4.37 kg	4	\$1811
BAR Light Battue Prima	.270 Winchester	3.63 kg	5	\$1034
BAR Light Battue Prima	7mm Remington Magnum	3.69 kg	4	\$1060
BAR Light Battue Prima	7x64mm Brenneke	3.7 kg	5	\$1064
BAR Light Battue Prima	.30-06 Springfield	3.89 kg	5	\$1203
BAR Light Battue Prima	.300 Winchester Magnum	4.17 kg	4	\$1662
BAR Evolve	.270 Winchester	3.66 kg	5	\$1054
BAR Evolve	7mm Remington Magnum	3.72 kg	4	\$1080
BAR Evolve	7x64mm Brenneke	3.73 kg	5	\$1083
BAR Evolve	7.62mm NATO	3.7 kg	5	\$1035
BAR Evolve	.30-06 Springfield	4 kg	5	\$1223
BAR Evolve	.300 Winchester Magnum	4.29 kg	4	\$1722
BAR Light Stalker	7mm Remington Magnum	3.37 kg	4	\$1088
BAR Light Stalker	.300 Winchester Magnum	3.62 kg	4	\$1729
BAR Light Stalker	.338 Winchester Magnum	3.79 kg	4	\$1877

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
BAR (.243)	SA	3	2-Nil	7	3	Nil	60
BAR (.270)	SA	4	2-3-Nil	7	4	Nil	55
BAR (.280)	SA	4	2-3-Nil	7	4	Nil	56
BAR (7.62mm)	SA	4	2-3-Nil	7	4	Nil	72
BAR (.30-06)	SA	4	2-3-Nil	7	4	Nil	62
BAR Big-Game Special	SA	4	2-3-Nil	7	4	Nil	65
BAR Magnum (7mm Magnum)	SA	4	1-2-3	7	4	Nil	78
BAR Magnum (.300)	SA	5	2-3-Nil	8	4	Nil	81
BAR Magnum (.338)	SA	6	1-3-Nil	8	5	Nil	93
BAR Safari (7mm Magnum)	SA	4	1-2-3	7	4	Nil	81
BAR Safari (.300)	SA	5	2-3-Nil	8	4	Nil	84
BAR Safari (.338)	SA	6	1-3-Nil	8	5	Nil	97
BAR Lightweight (.243)	SA	3	2-Nil	6	3	Nil	52
BAR Lightweight (.270)	SA	4	2-3-Nil	6	4	Nil	48

BAR Lightweight (7.62mm)	SA	4	2-3-Nil	6	4	Nil	62
BAR Lightweight (.30-06)	SA	4	2-3-Nil	7	4	Nil	54
BAR Lightweight Magnum (7mm Magnum)	SA	4	1-2-3	6	4	Nil	59
BAR Lightweight Magnum (.300)	SA	5	2-3-Nil	7	4	Nil	61
BAR Lightweight Magnum (.338)	SA	6	1-2-3	7	4	Nil	71
BAR Light Battue Prima (.270)	SA	4	2-3-Nil	6	4	Nil	48
BAR Light Battue Prima (7mm Magnum)	SA	4	1-2-3	6	4	Nil	59
BAR Light Battue Prima (7x64mm)	SA	4	1-2-3	6	4	Nil	59
BAR Light Battue Prima (.30-06)	SA	4	2-3-Nil	7	4	Nil	54
BAR Light Battue Prima (.300)	SA	5	2-3-Nil	7	4	Nil	61
BAR Evolve (.270)	SA	4	2-3-Nil	7	4	Nil	55
BAR Evolve (7mm Magnum)	SA	4	1-2-3	7	4	Nil	68
BAR Evolve (7x64mm)	SA	4	1-2-3	7	4	Nil	68
BAR Evolve (7.62mm)	SA	4	2-3-Nil	7	4	Nil	72
BAR Evolve (.30-06)	SA	4	2-3-Nil	7	4	Nil	62
BAR Evolve (.300)	SA	5	2-3-Nil	7	4	Nil	71
BAR Light Stalker (7mm Magnum)	SA	4	1-2-3	7	4	Nil	68
BAR Light Stalker (.300)	SA	5	2-3-Nil	7	4	Nil	71
BAR Light Stalker (.338)	SA	6	1-2-3	7	4	Nil	82

**Browning BAR-22**

Notes: Basically a BAR sporting rifle in rimfire, the BAR-22 is a virtual small-caliber copy of the standard BAR, except that the magazine is tubular instead of a removable box and the receiver housing is of light alloy. The read sight folds down and front sight is gold-colored to help obtain a good sight picture. The receiver housing is milled to reduce light flare from it. The BAR-22 was produced from 1977-1985, along with a more luxurious version called the BAR-22 Grade II (from 1981 to 1985).

Weapon	Ammunition	Weight	Magazines	Price
BAR-22	.22 Long Rifle	2.85 kg	15 Tubular	\$253

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
BAR-22	SA	1	Nil	5	1	Nil	41

**Browning Buck Mark Sporter Carbine**

Notes: Introduced in 2001, this is basically a Buck Mark pistol to which a stock, longer barrel, and fore-end have been attached. The stock is partially skeletonized, to allow use of the (standard) Buck Mark pistol grip; the weapon also uses standard Buck Mark magazines. The stock is permanently attached and is not easily removed. The front sight has a florescent plastic bead to aid in aiming. There are several versions other than the standard version: the Classic Carbon, which has a carbon fiber barrel and a gray stock (still wooden/skeletonized); the Classic Target, with a bull barrel; and the Target, with a heavy barrel.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Buck Mark Sporter Carbine	.22 Long Rifle	1.99 kg	10	\$230
Buck Mark Classic Carbon	.22 Long Rifle	1.65 kg	10	\$231
Buck Mark Classic Target	.22 Long Rifle	2.5 kg	10	\$240
Buck Mark Target	.22 Long Rifle	2.44 kg	10	

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Buck Mark Sporter Carbine	SA	1	Nil	5	1	Nil	37
Buck Mark Classic Carbon	SA	1	Nil	5	1	Nil	37
Buck Mark Classic Target	SA	1	Nil	5	1	Nil	39
Buck Mark Target	SA	1	Nil	5	1	Nil	38

**Browning High-Power Semiautomatic Rifle**

Notes: This was a pretty high-powered semiautomatic rifle back in 1900 when John Browning first designed it. It was not produced until 1910, and built from 1910-14, and then again from 1921-31. The same design was licensed to Remington, and produced as the Remington Model 8. The Browning version, however, has an aiming rib above the barrel and a leaf rear-sight. This weapon was a pretty advanced design for the time.

Weapon	Ammunition	Weight	Magazines	Price
High-Power SA Rifle	.35 Remington	3.54 kg	5	\$1709



Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
High-Power SA Rifle	SA	5	2-3-Nil	7	4	Nil	72

**Browning New BAR**

Notes: The New BAR is an update of the BAR sporting rifle above. The stock no longer has the humpback stock of the earlier design, instead having a conventional drop stock, and a fore-end with deep finger flutes to enable a positive grip. The basic operation is the same, but the action is more compact, resulting in a shorter and lighter weapon. The New BAR has iron sights, but is also dripped and tapped for a scope; the rear sight is well forward, ahead of the receiver, while front sight is hooded to protect it. The pistol grip wrist and fore-end are also checkered. The weight of the weapon, though lighter than the original BAR, helps tame the recoil of some of the powerful cartridges it fires, as does the thick recoil pad on the butt. The trigger pull is described by one author as both creepy and mushy. There are three versions: the Short-Trac, the Short-Trac Magnum, and the Long-Trac, which are differentiated primarily in the rounds they are chambered for.

Twilight 2000 Notes: This rifle does not exist.

Weapon	Ammunition	Weight	Magazines	Price
New BAR Short-Trac	.243 Winchester	3.01 kg	5	\$817
New BAR Short-Trac	7.62mm NATO	3.01 kg	5	\$1104
New BAR Short-Trac Magnum	.270 Winchester Short Magnum	3.35 kg	5	\$994
New BAR Short-Trac Magnum	7mm Winchester Short Magnum	3.35 kg	5	\$1026
New BAR Short-Trac Magnum	.300 Winchester Short Magnum	3.35 kg	5	\$1149
New BAR Long-Trac	.270 Winchester	3.15 kg	5	\$1123
New BAR Long-Trac	.30-06 Springfield	3.15 kg	5	\$1290
New BAR Long-Trac	7mm Remington Magnum	3.4 kg	5	\$1167
New BAR Long-Trac	.300 Winchester Magnum	3.4 kg	5	\$1850

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
New BAR Short-Trac (.243)	SA	3	2-Nil	6	3	Nil	60
New BAR Short-Trac (7.62mm)	SA	4	2-3-Nil	7	4	Nil	72
New BAR Short Trac Magnum (.270)	SA	4	1-2-3	7	4	Nil	85
New BAR Short Trac Magnum (7mm Short Magnum)	SA	4	1-2-3	7	4	Nil	87
New BAR Short Trac Magnum (.300 Short Magnum)	SA	5	1-2-3	7	4	Nil	92
New BAR Long-Trac (.270)	SA	4	2-3-Nil	7	4	Nil	55
New BAR Long-Trac (.30-06)	SA	4	2-3-Nil	7	4	Nil	62
New BAR Long-Trac (7mm Magnum)	SA	4	1-2-3	7	4	Nil	78
New BAR Long-Trac (.300 Magnum)	SA	5	2-3-Nil	7	4	Nil	81

**FN FN-15**

Notes: This is a family of AR-based rifles designed for a variety of sporting uses, from hunting to target shooting to competitions like 3-Gun competitions. The design also has military and police uses, with the DMR designed specifically for military use. All versions are accurized.

The basic version, the FN-15 MOE SLG, is equipped with a Magpul MOE package, including an M-LOK handguard, a removable rear sight and fixed front sight that are Magpul-modified A2 sights. The sliding stock and pistol grip are part of the MOE SL package; they are basic shorts of stocks and grips, though more ergonomic than one might find on a standard AR. The charging handle and magazine release are designed to be more ergonomic. The 16-inch barrel has a military profile and a standard A2-type flash suppressor.

The FN-15 Sporting is basically an FN-15 MOE SLG modified for greater accuracy; it is meant to be a hunting weapon, but is equally adept for target shooting. The 18-inch barrel is match-grade, cold hammer forged, has a chromed bore, and is tipped with a SureFire ProComp 556 muzzle brake. The trigger is a Timney competitive trigger, and is two-stage. The grip is the same MOE grip as on the MOE SLG, but the sliding stock is a Magpul CTR stock with more mass than the MOE SLG, and with larger unlocking levers. The Sporting does not come with iron sights, but does have a full-length Picatinny rail atop the receiver and extending to the gas block. The handguard is a Samson Evolution 15-inch.

The FN-15 Rifle is essentially the AR-15A2 given the FN Treatment. The stock is A2, except for the compartment in the butt for a cleaning kit and the metal buttplate. The top of the receiver has a MIL-STD-1913 rail, and the carrying handle (with rear sight) is removable. The front sight is a standard A2 post. The barrel is 20 inches. The Carbine is similar in concept to the AR-15A2 Carbine. Furniture is in many identical to the rifle, but the Carbine has a sliding stock (a standard AR stock), and the handguards are slightly oval in cross-section. Barrel length is 16 inches, tipped with A2 flash suppressor. Though a commemorative model, The FN-15 1776 has special markings and slightly better components. The 16-inch barrel is of alloy steel, and tipped with an A2 flash suppressor. The top of the receiver has a MIL-STD-1913 rail; atop the gas block is a very short section of rail for installation of sights. The 1776 is very similar to the Carbine; most of what it a 1776 is the special markings, though it is much lighter.

The Tactical is one of two designed to appeal to the military and police as well as civilians. (The possible military use leaves open



a possible full auto capability, and I have included this below just for general interest.) The Tactical has a Magpul MOE SL sliding stock, and an MOE grip. The stock, however, has a recoil pad on the butt. The 16-inch barrel has a match-grade barrel, cold hammer forged, and free floating, and tipped with an FN-designed three-prong open flash suppressor. The controls are modified to be more ergonomic. Atop the receiver and handguard is a continuous MIL-STD-1913 rail; under the handguard is another one. The Tactical is obviously useful for DMR applications, and also by competition shooters (especially those in 3-Gun). The DMR is designed for military designated marksmen, as well as police snipers; it has obvious competition uses. It has the same handguard as the Tactical, and the lower rail is short, about enough for a bipod or light. Removable, folding iron sights are provided -- Magpul MBUS Pro sights. The barrel is 18 inches, but built to the same specs as the Tactical, and is tipped with a Surefire ProComp 556 muzzle brake. A recoil pad is provided.

Weapon	Ammunition	Weight	Magazines	Price
MOE SLG	5.56mm NATO	3.08 kg	5, 10, 20, 30	\$587
Sporting	5.56mm NATO	3.49 kg	5, 10, 20, 30	\$656
Rifle	5.56mm NATO	3.62 kg	5, 10, 20, 30	\$608
Carbine	5.56mm NATO	3.15 kg	5, 10, 20, 30	\$586
1776	5.56mm NATO	2.99 kg	5, 10, 20, 30	\$588
Tactical	5.56mm NATO	2.99 kg	5, 10, 20, 30	\$675
DMR	5.56mm NATO	3.27 kg	5, 10, 20, 30	\$736

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
FN MOE SLG	SA	3	1-Nil	4/6	3	Nil	41
Sporting	SA	3	1-Nil	5/6	2	Nil	50
Rifle	SA	3	1-Nil	6	2	Nil	56
Carbine	SA	3	1-Nil	4/6	2	Nil	40
1776	SA	3	1-Nil	4/6	3	Nil	40
Tactical	5	3	1-Nil	4/6	2	6	43
DMR	SA	3	1-Nil	5/6	2	Nil	51

FN FNAR

FN describes the FNAR as “descending from the legendary Browning Automatic Rifle” (the sporting rifle version above, not the automatic rifle). The FNAR is chambered only for 7.62mm NATO, but the design is beefed up for heavier use and to withstand more abuse. The stock is synthetic and has a true pistol grip instead of a pistol grip wrist; the pistol grip is textured. The stock has a sling swivel on the butt and as part of the lower MIL-STD-1913 rail at the front; this frontal sling swivel can be removed, and the mount used to attach a bipod. The receiver is of 7075 T6 aircraft aluminum and is topped by a MIL-STD-1913 rail, and there are rails on the sides of the handguards and bottom for accessories. The stock may be adjusted by length of pull by use of spacers. The magazine well is flared for quick reloads. The barrel may be 16 or 20 inches and is of light contour and fluted for strength. The magazine release and crossbolt safety are ambidextrous. The bold handle is extended for easier utility, though not extended enough as to provide an obstruction or hang up on something. The standard rifle has no iron sights, relying on sighting equipment mounted on the receiver rail. The FNAR Match is a variant of the FNAR designed for target shooting as well as use as a designated marksman’s tool and a policeman’s tactical rifle, as well as by hunters looking for a more accurate weapon. The FNAR Match features a 20” cold hammer-forged fluted match-quality barrel with a target crown and hard-chromed bore. The stock and furniture is designed by McMillan, and has an adjustable cheekpiece, a length of pull adjustable by spacers, and three sling swivels. The receiver is of aircraft-quality aluminum, and is topped, like the standard FNAR, with a MIL-STD-1913 rail. There are mounting points for rails on the front sides of the fore-end as well as the bottom, though these are optional and not included with the basic FNAR Match. The magazine release is ambidextrous; the safety is a crossbolt safety. The bolt release lever is extended for easier reach.

The FNAR Heavy Barrel is essentially the same as the standard FNAR, but has a heavy-profile cold hammer-forged fluted barrel with a hard-chromed bore and target crown as standard. The cheekpiece is not adjustable *per se*, but the FNAR Heavy Barrel comes with three interchangeable combs to mount on the stock. The FNAR Heavy Barrel is quite useful as a designated Marksman’s or police tactical sniper rifle, as the heavy barrel and extra weight lead to greater accuracy and less barrel jump.

Weapon	Ammunition	Weight	Magazines	Price
FNAR (16” Barrel)	7.62mm NATO	3.87 kg	5, 10, 20	\$996
FNAR (20” Barrel)	7.62mm NATO	4 kg	5, 10, 20	\$1039
FNAR Match	7.62mm NATO	4.45 kg	5, 10, 20	\$1041
FNAR Heavy Barrel (16” Barrel)	7.62mm NATO	4.39 kg	5, 10, 20	\$1003
FNAR Heavy Barrel (20” Barrel)	7.62mm NATO	4.54 kg	5, 10, 20	\$1043

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
FNAR (16”)	SA	4	2-3-Nil	6	4	Nil	46
FNAR (20”)	SA	4	2-3-Nil	7	4	Nil	65
FNAR Match	SA	4	2-3-Nil	7	4	Nil	66

Belgian Semiauto Sporting Rifles

FNAR Heavy Barrel (16")	SA	4	2-3-Nil	6	3	Nil	49
FNAR Heavy Barrel (20")	SA	4	2-3-Nil	7	3	Nil	67

**IMBEL MD-22A1**

Notes: This is a similar concept to the Argentine FAL Cal .22, being an FN FAL modified to fire the .22 Long Rifle cartridge. The MD-22A1 is much lighter than a normal FAL, and uses a smaller magazine (again, like the FAL Cal .22, a .22 Long Rifle magazine inside the body of a false FAL magazine), but the balance and mechanical operation of the weapon is close enough to a normal FAL to make it adequate for basic rifle marksmanship and care training. Unlike the Argentine weapon, the MD-22A1 is the result of a specific manufacture instead of being the result of a conversion kit.

Twilight 2000 Story: Like the Argentines, the Brazilians started handing out these weapons to irregular forces in Brazil starting a few months earlier than the Argentines; some of these weapons even made it to tribes such as the Yanamamo deep inside the Amazon rain forests, where they were mostly used for hunting small prey like monkeys, or scaring off jaguars. It was also widely available in South and Central America in the years before the war for civilian and military sales.

Weapon	Ammunition	Weight	Magazines	Price
MD-22A1	.22 Long Rifle	4.14 kg	10	\$271

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
MD-22A1	SA	1	Nil	7	1	Nil	43

**Taurus 63**

Notes: The Taurus Model 63 is an almost exact copy of the old Winchester Model 63, which was one of the first autoloading small-caliber rifles. The chief difference is the use of .22 Long Rifle ammunition instead of the old .22 Winchester Automatic ammunition of the Winchester 63 and its predecessor, the Winchester 1903. ( Versions of the Taurus Model 63 in Winchester Magnum Rimfire and .17 Hornady Magnum Rimfire are forthcoming, and statistics are presented below.) The rifle, like its predecessors, is fed from a tubular magazine that is in the buttstock instead of under the barrel. Loading is simple; the magazine is pulled out to the rear of the stock and rounds dropped into the reloading slot on the right side of the stock. Field stripping is very simple; most cleaning can be done by separating the weapon into upper and lower receivers. The part under the barrel that looks like a tubular magazine is actually the charging plunger. The rear sight is adjustable for elevation and the front sight for windage. Though not a combat rifle, the Model 63 is an effective plinker, target shooter, and varmint.

Weapon	Ammunition	Weight	Magazines	Price
Taurus 63	.22 Long Rifle	2.04 kg	10 Tubular	\$281
Taurus 63	.22 Winchester Magnum Rimfire	2.17 kg	10 Tubular	\$302
Taurus 63	.17 Hornady Magnum Rimfire	2.05 kg	10 Tubular	\$282

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Taurus 63 (.22 Long Rifle)	SA	1	Nil	5	1	Nil	46
Taurus 63 (.22 Magnum)	SA	1	Nil	6	1	Nil	72
Taurus 63 (.17)	SA	1	Nil	5	1	Nil	72

**Taurus CT**

Notes: Also known as the CTG-29, the CT-9 is designed not only as a civilian carbine, but something that might be useful for police and as a CQB platform. The carbine uses the blowback carbine and fires from a closed bolt. Atop the receiver is a full-length MIL-STD-1913, one that runs the length of the receiver, the upper handguard, to the end of the gas block. There is a further rail as the front of the handguard which extends from the front of the handguard back about half the length of the handguard. The handguard can accommodate two other rails as the 3 and 9-o'clock positions. The CT series comes with a BUIS set with a fully adjustable rear sight and a square post front sight which is hooded. The charging handle and controls can be reversed to accommodate left or right-handed shooters. The CT-9 has a 16-inch barrel and is about as long as an AR-15 and lighter than one. Magazines are loaded into the grip, but are not standard pistol magazines.

The CT-40 (CTG-40) is basically the same as the CT-9, but fires a heavier cartridge.

Weapon	Ammunition	Weight	Magazines	Price
CT-9	9mm Parabellum	2.99 kg	10	\$274
CT-40	.40 Smith & Wesson	3.2 kg	10	\$311

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CT-9	SA	2	1-Nil	5	1	Nil	35
CT-40	SA	2	1-1-Nil	5	2	Nil	44

BSA Armatic

Notes: This replacement for the Ralock is a much more conventional design, with a conventional box magazine and dispensing with the complex radial-locking mechanism. It fired from a closed breech instead of the open breech of the Ralock. The Armatic is grooved for a scope mount. Despite being produced from 1963-1969, only about 5000 were built.

Weapon	Ammunition	Weight	Magazines	Price
Armatic	.22 Long Rifle	2.49 kg	10	\$253

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Armatic	SA	1	Nil	5	1	Nil	41

BSA Ralock

Notes: The Ralock (Radial-Locking) is a small-caliber sporting rifle made by BSA for a few years following World War 2 (1949-51). It is an interesting design, meant to be taken apart easily and stored in a small package. It was also cocked by pushing forward on the trigger guard instead of having a normal charging handle or lever. It used a tubular magazine in the butt.

Weapon	Ammunition	Weight	Magazines	Price
Ralock	.22 Short	2.68 kg	12 Tubular	\$263
Ralock	.22 Long Rifle	2.72 kg	8 Tubular	\$271

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ralock (.22 Short)	SA	-2	Nil	5	1	Nil	36
Ralock (.22 Long Rifle)	SA	1	Nil	5	1	Nil	45

Arsenal SLR

Notes: This is a family of semiautomatic civilian rifles which is based on the AR series. They share the same basic stock and mechanism, but have differing barrel lengths, weight, chamberings, and (in some cases) plastic magazines. The SLR-100 was the first to be introduced; it is fed by a plastic magazine and is equipped with a polymer thumbhole (or more like a handhole) stock which consists of what is basically a conventional pistol grip joined to the stock by a polymer strip. The metal parts of the rifle are from solid high-grade steel. The barrel is equipped with a muzzle brake. The weapon has a mount for a telescopic sight. The SLR-95 and SLR-96 are basically the same weapon, but are chambered for 7.62mm Kalashnikov; the SLR-96 is just a little heavier than the SLR-95. The SLR-97 Lux is also basically the same weapon, but has a longer barrel and wooden stock carved with various figures and designs. The SLR-101, while basically similar to the other 7.62mm SLR's, is slightly shorter in the stock and is fed by a single-stack magazine which is not interchangeable with those of the other 7.62mm rifles (they use shorter staggered magazines).

Twilight 2000 Notes: These rifles do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
SLR-100	5.56mm NATO	3.57 kg	5	\$610
SLR-95	7.62mm Kalashnikov	3.56 kg	5	\$853
SLR-96	7.62mm Kalashnikov	3.76 kg	5	\$853
SLR-97 Lux	7.62mm Kalashnikov	3.96 kg	5	\$890
SLR-101	7.62mm Kalashnikov	3.56 kg	5	\$853

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SLR-100	SA	3	1-Nil	5	2	Nil	41
SLR-95 & 96	SA	4	2-Nil	6	3	Nil	46
SLR-97 Lux	SA	4	2-3-Nil	6	3	Nil	60
SLR-101	SA	4	2-Nil	6	3	Nil	46

**Lakefield Model 64B**

Notes: This small-caliber rifle is similar to many such rifles being marketed today. It was produced in Canada by Lakefield from 1990-96, when production passed to Savage in the US (called the Savage 64-F). It is a typical modern small-caliber rifle, with a walnut half-stock, pistol-grip wrist, and a receiver grooved for sights.

Twilight 2000 Notes: Production never passed to Savage; these rifles were still being manufactured many years after the Twilight War in Quebec.

Weapon	Ammunition	Weight	Magazines	Price
Model 64B	.22 Long Rifle	2.55 kg	10	\$253

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 64B	SA	1	Nil	5	1	Nil	41

**Small Bore Cadet Rifle**

Notes: This weapon is an almost exact copy of the C-7 assault rifle, with the only significant differences being the modifications necessary to allow it to fire .22 Long Rifle ammunition. As with most such weapons, the Canadians did this to reduce the costs of marksmanship training, maintenance of skills, and teaching of the basic care of the weapon; this can be particularly effected when used as a substitute for firing a 5.56mm NATO weapon, as the recoil forces produced are not a great deal more, and though the .22 Long Rifle round is not capable of nearly the range of the 5.56mm NATO round, the trajectory of the round is similar. A kit was also produced to convert existing C-7 or M-16-series weapons to this configuration. The weapon is fed by an insert that is placed into a standard C-7 magazine.

Twilight 2000 Notes: As with such weapons in several other countries, the Small Bore Cadet Rifles were eventually used as emergency issue to civilian militia and irregular forces, but in Canada, this occurred far later, with mass issue not really seen until nearly the middle of 2001. Some of them were still found in the hands of hunters and children learning firearms over 40 years after the Twilight War.

Weapon	Ammunition	Weight	Magazines	Price
Small Bore Cadet Rifle	.22 Long Rifle	3.3 kg	10, 15	\$262

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Small Bore Cadet Rifle	SA	1	Nil	6	1	Nil	41



**CZ-512**

Notes: This new rimfire rifle (introduced in 2011) is designed to provide a high-quality rimfire rifle that provides a long service life, better-than-average accuracy, and safe handling. Operation is by blowback, like many rimfire weapons. However, the CZ-512 has a manual safety as well as several passive safeties to guard against accidental discharge. The iron sights provided are fully adjustable in the front and rear; the rear sight is in the “scout” position and the front is protected by a large hood. The iron sights are designed to be easily read and adjusted. In addition, special rails atop the receiver as well as grooving and tapping allow for the attachment of most civilian scopes. The stock is of beech, making it a little less expensive than comparable designs; it is, however, lacquered to the point of making it look like more expensive wood. The 20.6-inch barrel is cold hammer-forged and provides a bit of an edge in accuracy. While the furniture is wood, most of the receiver is made from high-strength polymer, lightening weight. Sling swivels are standard.

Weapon	Ammunition	Weight	Magazines	Price
CZ-512	.22 Long Rifle	2.67 kg	5	\$262
CZ-512	.22 Winchester Magnum Rimfire	2.71 kg	5	\$283

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CZ-512 (.22 Long Rifle)	SA	1	Nil	5	1	Nil	43
CZ-512 (.22 Magnum)	SA	1	Nil	5	1	Nil	55

**ZKW-561**

Notes: Though this rifle was designed by the Koucky brothers, it was manufactured by CZ. It is a compact semiautomatic rimfire rifle which can easily be stripped and serviced without tools. The stock of the rifle is similar to a smaller version of that on the ZK-420 battle rifle. It has a small aperture rear sight and a blade front sight, but is meant to be used with a scope – mounting a scope is quite easy on this rifle.

Later, the ZKW-561 was refined by CZ into the CZ-511, and sold in large numbers. The CZ-511 has a beechwood half-stock with a refined pistol grip wrist, a two-position rear sight, and a threaded muzzle for use with a silencer or suppressor.

Weapon	Ammunition	Weight	Magazines	Price
ZKW-561	.22 Long Rifle	2.72 kg	8, 16	\$273
CZ-511	.22 Long Rifle	2.45 kg	8	\$272

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
ZKW-561	SA	1	Nil	5	1	Nil	45
CZ-511	SA	1	Nil	5	1	Nil	45

Arms Corporation (Armscorp) AK-22

Notes: This one is actually a pretty good external copy of an AK-47 -- unlike the Squibman M-16 series, is actually looks like an AK-47 outwardly. Of course, internally it is quite different, as befits the different cartridge. The magazine and well, are occupied with what looks like a 10-round AK training/grenade launching magazine, but has an internal cutout for a 15-round magazine or a 10-eound magazine with a block in it. The barrel is 18.5 inches, the furniture of mahogany, and the sights similar to those of a genuine AK, except for the alterations necessary for the .22 Long Rifle cartridge.

The base weapon is the AK-22S, but a version called the AK-22F has a folding steel butt, also virtually identical to that of a genuine AK-series weapon.

Weapon	Ammunition	Weight	Magazines	Price
AK-22S	.22 Long Rifle	3.18 kg	10, 15	\$235
AK-22F	.22 Long Rifle	3.38 kg	10, 15	\$265

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
AK-22S	SA	1	Nil	5	1	Nil	38
AK-22F	SA	1	Nil	3/5	1	Nil	38

Arms Corporation M-14

Notes: The M-14 (also known as the M-1400) is a basic bolt-action rimfire sporter. It is essentially unremarkable except for its source. The M-14P is the base model; its sights are very simple, and the stock is made of cheap wood and is plainly finished without any sort of checkering. The M-14D is a deluxe model; it has adjustable sights and checkering on the pistol grip and fore-end. (It is identical to the M-14P for game purposes.) The M-14LW has a stock made of lightweight mahogany wood, a hard rubber buttplate (not a pad), checkering on the pistol grip, and the ability to take a 10-round magazine. The M-14SC is a deluxe model distinguished primarily by its American walnut stock and jeweled bolt (identical for game purposes to the M-14P). The M-15P chambers the .22 Winchester Magnum Rimfire cartridge. The M-15LW is the magnum equivalent to the M-14LW, and the M-15SC is the magnum equivalent of the M-14SC.

The M-18 (or M-1800) is a rare variant of the M-1500, produced only in the few hundreds in number from 1986-87. The M-18 has mahogany furniture, a checkered pistol grip wrist and a Monte-Carlo-type stock, and adjustable front and rear sights as well as being drilled and tapped for a scope mount. The barrel was 23 inches long. Though there was considerable interest in the M-18 at first, the base M-15 design proved to be unable to handle the increased power and chamber pressure of the .22 Hornet round it fired, despite the modifications to the bolt and chamber that Armscorp made to combat this problem, and it was soon withdrawn from the market.

Weapon	Ammunition	Weight	Magazines	Price
M-14P	.22 Long Rifle	2.72 kg	5	\$294
M-14LW	.22 Long Rifle	2.45 kg	5, 10	\$294
M-15P	.22 Winchester Magnum Rimfire	2.95 kg	5	\$311
M-15LW	.22 Winchester Magnum Rimfire	2.65 kg	5, 10	\$311
M-18	.22 Hornet	2.99 kg	5	\$541

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-14P/LW	BA	1	Nil	5	1	Nil	51

M-15P/LW	BA	1	Nil	5	1	Nil	61
M-18	BA	1-Nil	6	3	Nil	67	1-Nil

Arms Corporation M-20

Notes: This is essentially the action of the Squibman M-16 placed into a more conventional stock and given a longer barrel of 20.75 inches. The receiver is grooved for a telescopic sight, and aperture-and-post sights are also fitted. The M-20P is the basic rifle; the M-20D is a deluxe version of this rifle, the M-20S is more deluxe, and the M-20SC is even more deluxe. The M-20C has a stock similar to the M-1 Carbine, and a barrel of only 16.5 inches; the rear sight is also a leaf-type sight.

Weapon	Ammunition	Weight	Magazines	Price
M-20P	.22 Long Rifle	2.63 kg	10, 15	\$271
M-20C	.22 Long Rifle	2.41 kg	10, 15	\$228

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-20P	SA	1	Nil	5	1	Nil	47
M-20C	SA	1	Nil	4	1	Nil	37

Arms Corporation M-50S

Notes: The M-50S (called the PPS-50 prior to 1991) is another loose rimfire adaptation of a military weapon – this time, Russian submachineguns such as the PPSH-41 and PPS-43. The M-50 uses a 16.5-inch barrel surrounded with a ventilated barrel shroud and a muzzle brake similar to that of the PPSH-41 and PPS-43 (though it has basically no effect in a .22 Long Rifle-firing weapon). Construction is almost entirely all-steel, with a wooden stock and pistol grip. Standard magazines sold with the M-50 were box magazines holding 10, 25, or 30 rounds, but a 71-round drum was also manufactured for a short time, in small numbers.

Weapon	Ammunition	Weight	Magazines	Price
M-50S	.22 Long Rifle	3.04 kg	10, 25, 30, 71 Drum	\$240

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-50S	SA	1	Nil	5	1	Nil	34

Squibman (Arms Corporation) M-16

Notes: Also known as the M-1600 series, this weapon was specifically designed to produce a weapon that has a military look without actually being a viable military weapon under most circumstances. A loose approximation of the design of the M-16 series, the Squibman M-16 fires .22 Long Rifle ammunition, and company advertisements tout the large amount of difficulty that one will encounter trying to convert it to automatic fire. It looks similar to, but not identical to an actual M-16, and is constructed so that trying to convert it to fire a 5.56 NATO cartridge and fire on automatic would be quite difficult and probably cost more than actually buying a real M-16. It is meant for people in countries where weapons that look sort of like military weapons are allowed, but even civilian versions off military weapons are prohibited. It is not meant for anything more than plinking or light hunting. Barrel length is 18.25 inches, and the sights are aperture sights similar to those of the AR-15.

The M-16R has a retractable M-4-style folding stock. The M-16C is also nearly identical, but has a longer barrel. The M-16W was a variant of the M-16P that used a wooden stock and handguard. The M-16R was discontinued in 1994; the M-16C and M-16W were produced only from 1986-87, and are comparatively rather rare.

"Squibman" is a contraction of "Squires, Bingham, & Co.," the company name prior to 1980. These rifles continued to be known as Squibmans after 1980s, despite the change of the company's name to Arms Corporation.

Weapon	Ammunition	Weight	Magazines	Price
Squibman M-16P	.22 Long Rifle	2.72 kg	10, 15	\$244
Squibman M-16R	.22 Long Rifle	2.72 kg	10, 15	\$264
Squibman M-16C	.22 Long Rifle	2.78 kg	10, 15	\$256
Squibman M-16W	.22 Long Rifle	2.92 kg	10, 15	\$234

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Squibman M-16P	SA	1	Nil	5	1	Nil	38
Squibman M-16R	SA	1	Nil	3/5	1	Nil	38
Squibman M-16C	SA	1	Nil	5	1	Nil	40
Squibman M-16W	SA	1	Nil	5	1	Nil	38

**Valmet Petra**

Notes: This was an attempt to make a sporting rifle out of the M-76 assault rifle. The caliber was changed, along with the necessary changes to the firing mechanism, chamber, and barrel to accommodate this. The firing mechanism was also changed to semiautomatic-only, and reduced-capacity magazines were used. The Petra has a standard pistol-grip-wrist stock with a rubber recoil pad. The flash suppressor is eliminated. The finish is far better than the military rifle. In the US and Canada, this rifle is known as the Valmet Hunter.

Weapon	Ammunition	Weight	Magazines	Price
Petra	5.56mm NATO	2.72 kg	10	\$639
Petra	.243 Winchester	2.95 kg	10	\$774
Petra	7.62mm NATO	3.67 kg	10	\$1060

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Petra (5.56mm)	SA	3	1-Nil	6	3	Nil	46
Petra (.243)	SA	3	2-Nil	6	3	Nil	43
Petra (7.62mm)	SA	4	2-3-Nil	6	4	Nil	52

**Gevelot Model A/E**

Notes: This rifle, built between 1960 and 1975, is a semiautomatic rimfire rifle that is typical for rifles of this pattern. It uses a checkered half-stock with a pistol grip wrist, and tangent-leaf sights. The basic model is the A-3; the A-6 is the same weapon with a plain stock (no checkering on the handguard and pistol grip), and a simple spring-leaf sight. The A-7 Also has a plain stock, but uses the tangent-leaf rear sight and a tunnel-type front sight, and fires from a closed bolt. The Model A Rafale is an odd variation; it is a selective fire version of the A-3. The Model E is a "carbine" variant, with a shorter stock and shorter barrel.

Weapon	Ammunition	Weight	Magazines	Price
Model A-3/6/7	.22 Long Rifle	2.84 kg	8	\$267
Model A Rafale	.22 Long Rifle	3.12 kg	8	\$272
Model E	.22 Long Rifle	2.78 kg	8	\$243

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model A-3/6/7	SA	1	Nil	5	1	Nil	44
Model A Rafale	5	1	Nil	5	1	2	44
Model E	SA	1	Nil	5	1	Nil	40

**Manufrance Carabine Reina**

Notes: This semiautomatic rimfire rifle was built between 1954 and 1975. It uses a one-piece half-stock with a Monte Carlo comb. This weapon was actually issued to French prison guards until replaced in 1971 by the MAS-49/56. The basic version is the Model 446; the Model 450 is similar, but has a longer barrel, a cheekpiece on the Monte Carlo stock, and a tangent-leaf rear sight.

Weapon	Ammunition	Weight	Magazines	Price
Carabine Reina 446	.22 Long Rifle	2.2 kg	8, 15	\$276
Carabine Reina 450	.22 Long Rifle	2.49 kg	8, 15	\$284

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Carabine Reina 446	SA	1	Nil	5	1	Nil	45
Carabine Reina 450	SA	1	Nil	5	1	Nil	46

**Unique X-51**

Notes: This is a basically ordinary semiautomatic rimfire rifle with a pistol-grip stock. An unusual feature was the charging handle, which was a plunger in the front of the fore-end. The magazine housing and the trigger housing are one unit. Normal barrels were 19.7 inches, but a 23.6-inch barrel could also be had. Variants include the F-11, which is mechanically virtually the same rifle but done over to look like an FA-MAS; the G-21 used a conventional charging handle on the right side of the receiver, military-style sights, and a short barrel; and the X-51-bis, which is a deluxe version that has superseded the original model.

Weapon	Ammunition	Weight	Magazines	Price
X-51 (19.7" Barrel)	.22 Long Rifle	2.4 kg	5	\$247
X-51 (23.6" Barrel)	.22 Long Rifle	2.6 kg	5	\$287



F-11	.22 Long Rifle	3.76 kg	10, 20	\$261
G-21	.22 Long Rifle	2.65 kg	2, 5, 10	\$229
X-51-bis	.22 Long Rifle	2.7 kg	2, 5, 10	\$287

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
X-51 (19.7")	SA	1	Nil	5	1	Nil	40
X-51 (23.6")	SA	1	Nil	6	1	Nil	47
F-11	SA	1	Nil	4	1	Nil	40
G-21	SA	1	Nil	5	1	Nil	37
X-51-bis	SA	1	Nil	6	1	Nil	47

**Anschutz 520**

Notes: This semiautomatic rimfire rifle has an unusual stock that is more akin to military rifles, in that the fore-end and rear stock are separated by the receiver. It has an adjustable trigger and simple leaf rear sights. Variants include the Model 520/61, a longer version; the model 525, a shorter version with a wooden barrel guard and a simple peep sight; and the 525/62, a longer-barreled version of the 525; and several deluxe versions.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 520	.22 Long Rifle	2.85 kg	10	\$267
Anschutz 520/61	.22 Long Rifle	2.9 kg	10	\$291
Anschutz 525	.22 Long Rifle	2.8 kg	10	\$251
Anschutz 525/61	.22 Long Rifle	3 kg	10	\$291

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 520	SA	1	Nil	5	1	Nil	44
Anschutz 520/61	SA	1	Nil	6	1	Nil	48
Anschutz 525	SA	1	Nil	5	1	Nil	41
Anschutz 525/61	SA	1	Nil	6	1	Nil	48

**Anschutz MSR RX-22**

Notes: Unlike anything Anschutz has produced before, the RX-22 looks more like an assault rifle than the target rifles that Anschutz normally makes. As a matter of fact, it looks to me like a stubby version of an FN SCAR. Anschutz says that the RX-22 is not a plinker, but “an extremely accurate and reliable tactical trainer.” This does not obviate the fact that it would have equal utility as a varmint rifle or a plinker, or a target rifle. Anschutz has been a bit cagey as to whether it is an Anschutz-produced product, but insists that the RX-22 is “designed and fabricated by Anschutz,” with all-Anschutz parts “where it counts.” The weapon does have a resemblance to the ISSC MK-22. Strange.

Regardless, the RX-22 is an excellent rifle, becoming popular in the segment of the market who wants a good-looking (and military-looking) rimfire rifle. The match-quality 16.5-inch barrel is crafted from a chrome-vanadium-moly steel alloy and is rumored to be cold-hammer forged. Where legal, the RX-22 can be had with a threaded muzzle to allow it to be used with a flash suppressor, silencer, or muzzle brake. Where it is not legal, the muzzle has a target crown. The upper receiver and handguards have a continuous MIL-STD-1913 rail, along with removable, flip-up BUIS. The sides and the underside of the handguard also have rails. The stock may be laminate wood or polymer, and may be side-folding or fixed. The receiver is polymer, but the handguards may also be wood or polymer. The controls are fully ambidextrous; the charging handle may be moved into one of three positions to suit the stature of the shooter. Finish for the exposed metalwork is black, except for the steel barrel, which has a natural finish. The receiver and handguards may be black with a wooden fore-end and side-folding stock (the Precision Black); a black lower receiver with a white upper receiver and wooden fore-end and side-folding stock (the Precision); all-black with a fixed stock (the Black Hawk); a similar version with a folding stock (the Black Hawk G), an all Desert Tan version with a fixed stock (the Desert); and the same rifle with a folding stock (the Desert G). These rifles all have rubber recoil pads on the butts. They also have target adjustable-pull-weight triggers. Wooden side-folding stocks and fore-ends can be replaced with polymer versions if desired.

A further version, the Competition has a stock adjustable for length of pull and butt height, a side-folding polymer stock, and a white upper and black lower. The side and lower MIL-STD-1913 rails are absent, but the rifle has sling swivels; the front sling swivel can also be used as a bipod mount, which can be slid up or down the fore-end from front to rear.

Weapon	Ammunition	Weight	Magazines	Price
RX-22 (Folding Stock, Target Crown)	.22 Long Rifle	3.15 kg	5, 10, 20, 25	\$358
RX-22 (Folding Stock, Flash Suppressor)	.22 Long Rifle	3.17 kg	5, 10, 20, 25	\$358
RX-22 (Folding Stock, Muzzle Brake)	.22 Long Rifle	3.33 kg	5, 10, 20, 25	\$408
RX-22 (Folding Stock, Silencer)	.22 Long Rifle	3.35 kg	5, 10, 20, 25	\$402
RX-22 (Fixed Stock, Target Crown)	.22 Long Rifle	3.15 kg	5, 10, 20, 25	\$338
RX-22 (Fixed Stock, Flash Suppressor)	.22 Long Rifle	3.17 kg	5, 10, 20, 25	\$338
RX-22 (Fixed Stock, Muzzle Brake)	.22 Long Rifle	3.33 kg	5, 10, 20, 25	\$387
RX-22 (Fixed Stock, Silencer)	.22 Long Rifle	3.35 kg	5, 10, 20, 25	\$382

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
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RX-22 (Folding Stock, Target Crown)	SA	1	Nil	3/4	1	Nil	36
RX-22 (Folding Stock, Flash Suppressor)	SA	1	Nil	3/4	1	Nil	36
RX-22 (Folding Stock, Muzzle Brake)	SA	1	Nil	3/5	1	Nil	36
RX-22 (Folding Stock, Silencer)	SA	1	Nil	4/5	1	Nil	30
RX-22 (Fixed Stock, Target Crown)	SA	1	Nil	5	1	Nil	36
RX-22 (Fixed Stock, Flash Suppressor)	SA	1	Nil	4	1	Nil	36
RX-22 (Fixed Stock, Muzzle Brake)	SA	1	Nil	5	1	Nil	36
RX-22 (Fixed Stock, Silencer)	SA	1	Nil	5	1	Nil	30

Erma EM-1

Notes: This is a copy of the M-1 Carbine, virtually identical to the real M-1 Carbine except for the caliber and the modifications necessary to fire that caliber. Just as there was a curious (and somewhat unwarranted) fascination with the M-1 Carbine for several decades after World War 2, there was a similar fascination with look-alikes; the EM-1 sold rather well because of it, and it was fairly easy to find in Western Europe and North America. A modification of the EM-1 is the ESG-22; it is an EM-1 modified to fire .22 Winchester Magnum Rimfire ammunition, and has a longer barrel as well as smaller magazines.

Weapon	Ammunition	Weight	Magazines	Price
Erma EM-1	.22 Long Rifle	2.48 kg	2, 5, 10, 15	\$230
Erma ESG-22	.22 Winchester Magnum Rimfire	3.05 kg	2, 5, 10, 12	\$264

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Erma EM-1	SA	1	Nil	5	1	Nil	37
Erma ESG-22	SA	1	Nil	5	1	Nil	50

Heckler & Koch HK-94

Notes: The HK-94 is essentially a civilian version of the MP-5, with the barrel extended to carbine length and modified for semiautomatic fire only (and very difficult to convert to automatic fire). It was built primarily for the US market, and was rarely sold outside of the United States and Canada. Other than the lack of automatic fire capability and the long barrel, there are a few other differences between the MP-5 and HK-94: the barrel lacks lugs, the characteristic “flipper” type magazine release has been replaced by a button, and a few other minor details. The standard version is the HK-94A2, with a plastic stock; the HK-94A3, with a folding stock, was banned by the Brady Gun Bill and has yet to be put back into production (if it ever is).

Weapon	Ammunition	Weight	Magazines	Price
HK-94A2	9mm Parabellum	2.9 kg	15, 30, 40	\$279
HK-94A3	9mm Parabellum	2.95 kg	15, 30, 40	\$299

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
HK-94A2	SA	2	Nil	5	1	Nil	35
HK-94A3	SA	2	Nil	3/5	1	Nil	35

Heckler & Koch HK-270/300

Notes: This is a standard format hunting rifle, popular in the US, Canada, and Europe. It has a light trigger pull, Monte Carlo stock, and has an integral scope mount as well as iron sights. The HK300 is a .22 Winchester Magnum Rimfire version of the same weapon. The HK-270 and HK-300 were introduced in 1978, along with the related centerfire rifles HK-770 and HK-940. They use fine-quality walnut stocks with hog's back combs and squared cheekpieces. Most were made with checkering on the pistol grip wrist and fore-end, and some are elaborately decorated. They are equipped with sling swivels.

Weapon	Ammunition	Weight	Magazines	Price
HK-270	.22 Long Rifle	2.5 kg	2, 5, 20	\$247
HK-300	.22 Winchester Magnum Rimfire	2.59 kg	2, 5, 15	\$268

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
HK-270	SA	1	Nil	5	1	Nil	40

HK-300	SA	1	Nil	5	1	Nil	51
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Heckler & Koch HK-630/770/940

Notes: Despite this weapon's conventional civilian appearance, the HK-770 is basically a G-3 battle rifle in a greatly modified form. Internally, the mechanism would be recognizable to anyone who is familiar with the G-3 (or its HK-91 civilian counterpart), but externally, it is a conventional civilian hunting rifle. The HK-630 is the same weapon, but in 5.56mm NATO caliber; the HK-940 is also the same, but fires the .30-06 Springfield cartridge.

Weapon	Ammunition	Weight	Magazines	Price
HK-630	5.56mm NATO	2.5 kg	2, 4, 10	\$619
HK-770	7.62mm NATO	3.2 kg	2, 3, 10	\$1049
HK-940	.30-06 Springfield	3.11 kg	2, 3, 10	\$1239

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
HK-630	SA	3	1-Nil	7	3	Nil	64
HK-770	SA	4	2-3-Nil	7	4	Nil	73
HK-940	SA	4	2-3-Nil	7	4	Nil	63

Heckler & Koch HK-300

Notes: Heckler & Koch literature claims that this rifle is the most accurate .22 magnum rifle in the world. It is lightweight, and operates by inertia blowback. The cold-hammer forged barrel is 19.7 inches long. The stock is of European walnut and has checkering on the pistol grip wrist and on the fore-end. The iron sights consist of a V-notch rear adjustable for windage and a post front adjustable for elevation. Exterior metalwork is polished blue.

Weapon	Ammunition	Weight	Magazines	Price
HK-300	.22 Winchester Magnum Rimfire	2.59 kg	5	\$238

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
HK-300	SA	1	Nil	5	1	Nil	51

Heckler & Koch SL-6

Notes: This is a standard-format hunting rifle from Heckler and Koch that grew out of earlier H&K hunting rifles such as the HK-270/300/630/770/900 series. They have the famous H&K roller-locking operation and are drilled and tapped for scope. They are excellent-quality weapons. The weapon is perfectly balanced and uses the HK delayed roller-locked action. It has a 17.71-inch barrel which is cold-hammer forged. It has iron sights similar to those on the G-3 battle rifle, and mounting a scope is designed to be simple and for the sight to retain its zero.

The SL-7 is the SL-6's heavier caliber sister weapon, chambered for 7.62mm NATO. It is otherwise identical to the SL-6.

Weapon	Ammunition	Weight	Magazines	Price
SL-6	5.56mm NATO	3.9 kg	2, 4, 10	\$567
SL-7	7.62mm NATO	3.9 kg	2, 3, 10	\$983

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SL-6	SA	3	1-Nil	6	2	Nil	46
SL-7	SA	4	2-3-Nil	6	4	Nil	48

Heckler & Koch SL-8/SL-8--1

Notes: This is a "civilianized" modification of the G-36 assault rifle. The SL-8-1 version was primarily designed for sale in the US; it has features made to comply with US gun regulations at the time, such as the enclosed pistol grip, lack of a flash suppressor, a non-menacing grey or white color instead of black, and an inability to use anything other than 5, 10, or 20-round magazines, and other such things to make it more palatable to the anti-gun lobby. The SL-8 also has a longer barrel than the G-36, making it a bit more accurate in long-range work. A Picatinny rail, optional on the G-36, is standard on the SL-8 and SL-8-1. The typical SL-8 or SL-8-1 was also sold with a 1.5x sight as part of the purchase price.

Twilight 2000 Story: This weapon does not exist; instead, a "real" civilianized G-36 (a semiautomatic-only model with no other significant changes) is available, even in the US. Use the standard G-36 assault rifle figures, but eliminate the automatic and burst fire features for that weapon.

Weapon	Ammunition	Weight	Magazines	Price
SL-8	5.56mm NATO	3.9 kg	5, 10, 20, 30, 40	\$783
SL-8-1	5.56mm NATO	3.9 kg	5, 10, 20	\$746

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
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SL-8/SL-8-1	SA	3	1-Nil	6	2	Nil	62
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**Heckler & Koch SLB-2000K/SLB-2000L**

Notes: This is a hunting rifle made by Heckler and Koch, with a reputation for excellent quality. It is a standard-format rifle, but built out of high-quality materials, and with the option for seven interchangeable barrels. If a barrel is changed to allow the use of a different caliber of ammunition, the bolt does not have to be changed; however, different magazines are required. The SLB-2000K is a carbine variant with a shorter barrel.

Twilight 2000 Story: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
SLB-2000K	6.5mm Swedish Mauser	3.4 kg	2, 5, 10	\$846
SLB-2000K	7x64mm Brenneke	3.4 kg	2, 5, 10	\$1060
SLB-2000K	7.62mm NATO	3.4 kg	2, 5, 10	\$1011
SLB-2000K	.30-06 Springfield	3.4 kg	2, 5, 10	\$1199
SLB-2000K	8mm Mauser	3.4 kg	2, 5, 10	\$1191
SLB-2000K	9.3x62mm Mauser	3.4 kg	2, 5, 10	\$1958
SLB-2000L	6.5mm Swedish Mauser	3.5 kg	2, 5, 10	\$866
SLB-2000L	7x64mm Brenneke	3.5 kg	2, 5, 10	\$1080
SLB-2000L	7.62mm NATO	3.5 kg	2, 5, 10	\$1031
SLB-2000L	.30-06 Springfield	3.5 kg	2, 5, 10	\$1219
SLB-2000L	8mm Mauser	3.5 kg	2, 5, 10	\$1211
SLB-2000L	9.3x62mm Mauser	3.5 kg	2, 5, 10	\$2018
SLB-2000K Magnum	.300 Winchester Magnum	3.6 kg	2, 5, 10	\$1663
SLB-2000L Magnum	.300 Winchester Magnum	3.7 kg	2, 5, 10	\$1771
Complete Set of Barrels	NA	18.9 kg	NA	\$7560

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SLB-2000K (6.5mm)	SA	3	2-Nil	7	4	Nil	52
SLB-2000K (7x64mm)	SA	4	2-3-Nil	7	4	Nil	48
SLB-2000K (7.62mm)	SA	4	2-3-Nil	7	4	Nil	61
SLB-2000L (.30-06)	SA	4	2-3-Nil	7	4	Nil	52
SLB-2000L (8mm)	SA	4	2-3-Nil	7	4	Nil	61
SLB-2000L (9.3x62mm)	SA	5	2-4-Nil	7	5	Nil	61
SLB-2000L (6.5mm)	SA	4	2-Nil	7	4	Nil	60
SLB-2000L (7x64mm)	SA	4	2-3-Nil	7	4	Nil	56
SLB-2000L (7.62mm)	SA	4	2-3-Nil	7	4	Nil	70
SLB-2000L (.30-06)	SA	4	2-3-Nil	7	4	Nil	61
SLB-2000L (8mm)	SA	4	2-3-Nil	7	4	Nil	70
SLB-2000L (9.3x62mm)	SA	5	2-4-Nil	7	5	Nil	70
SLB-2000K Magnum	SA	5	2-3-Nil	7	4	Nil	61
SLB-2000L Magnum	SA	5	2-3-Nil	7	4	Nil	79

**Heckler & Koch USC**

Notes: Like the SL-8-1, the USC is a civilian weapon derived from a military one; in this case, the UMP-45 submachinegun. It has been modified along the same lines as the SL-8-1, with an enclosed pistol grip, no flash suppressor, a lengthened barrel, a Picatinny rail, and a non-threatening color. Just as the SL-8-1 will not accept standard military magazines, nor will the USC.

Twilight 2000 Story: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
USC	.45 ACP	2.72 kg	10	\$358

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
USC	SA	2	1-Nil	6	3	Nil	38

**Krico 260**

Notes: This was designed to be a quality weapon at an inexpensive price. It is an unremarkable sort of rimfire semiautomatic rifle, except for the quality of construction. The receiver is grooved for a telescopic sight. The Model 260A is the same weapon, but with a tubular underbarrel magazine instead of a detachable box.

Weapon	Ammunition	Weight	Magazines	Price
Krico 260	.22 Long Rifle	2.6 kg	2, 5, 10	\$275

Krico 260A	.22 Long Rifle	2.64 kg	18 Tubular	\$276
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Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Krico 260/260A	SA	1	Nil	5	1	Nil	45

Krieghoff High-Power Autoloading Rifle

Notes: This interesting semiautomatic sporting rifle was produced at a very low rate between 1937 and 1939. It is a gas-operated design that was unfortunately not picked up for military service and therefore production ceased after only about 250 were built. It is light and compact and easy to use and shoulder, though the distance between the pistol grip and trigger is too big for small hands to bridge.

Weapon	Ammunition	Weight	Magazines	Price
HP Autoloading Rifle	6.5x57mm Mauser	2.88 kg	4	\$905
HP Autoloading Rifle	7mm Mauser	3.01 kg	4	\$1008
HP Autoloading Rifle	8mm JRS	3.26 kg	4	\$1226
HP Autoloading Rifle	8x60mm RWS	3.29 kg	4	\$1250

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
HP Autoloading Rifle (6.5mm)	SA	4	2-Nil	7	4	Nil	66
HP Autoloading Rifle (7mm)	SA	4	2-3-Nil	7	4	Nil	70
HP Autoloading Rifle (8mm JRS)	SA	4	2-3-Nil	8	5	Nil	79
HP Autoloading Rifle (8mm RWS)	SA	4	1-2-3	8	5	Nil	90

Sommer & Ockenfuss TW

Notes: The TW stands for Tactical Weapon, though it is unknown whether S&O pursued any police or military sales. Either way, not many sales were made at all; probably less than one hundred units. The TW started with the guts of a Desert Eagle, though they were installed in a proprietary “pistol” part of the converted carbine. The modifications converted the interior Desert Eagle to gas operation with a rotating bolt, which actuated the Desert Eagle components. The actual firearm parts were built of steel and light alloy; the stock is of polymer reinforced with fiberglass bars and has space for an extra magazine in it.. The carbine conversion included a longer barrel, with a muzzle brake and a Weaver Rail above the action in front of the Desert Eagle action. Further attachment points allows for accessories to the left and right of the carbine barrel. Ahead of the pistol grip is a large rectangular enclosed section with a foregrip and a hand bump in the middle of the bottom section. The new barrel is nearly 14 inches long. The TW comes with a flashlight in one of the side mounts, a laser aiming device on the left side, and an Aimpoint red-dot-type sight on top.

Twilight 2000 Notes: Some of these weapons were used by civilians in Europe, and players might encounter some people armed with it; it is believed that only three are to be found in the US in the Twilight War timeline, plus one in Canada. A TW found or encountered by players may or may not have all the accessories mounted.

Weapon	Ammunition	Weight	Magazines	Price
TW-44	.44 Magnum	3.2 kg	8	\$1152
TW-50	.50 Action Express	3.2 kg	7	\$1303

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
TW-44	SA	4	1-1-Nil	5	3	Nil	36
TW-50	SA	5	1-2-Nil	5	3	Nil	36

Voere M-0014

The M-0014 was designed in the Mid-1960s as a sort of affordable Voere rifle, at a time when the real-world prices for a Voere rifle were quite high. The semiautomatic M-0014 operates by simple gas operation and is equipped with hardwood stock that is designed with a finish that simulates walnut (but isn't). The M-0014 has a deep pistol grip wrist, a stock with a cheek swell, and a fore-end that is obliquely-cut inwards. The action is contained within a simple tube with the tangent rear sight about halfway down the top of the receiver and the front blade sight at the end of the barrel – both fixed. The M-0014 has a 17.5-inch barrel and is fed by a 10-round magazine, with a 15-round magazine being an option. A long-barreled, the M-0015, was sold primarily in Europe. This version was built from higher-quality wood, had a true Monte Carlo comb on the stock, and a rosewood pistol grip cap and fore-end cap. It has a 21-inch barrel. Production of both versions was never high, and stopped in 1975.

The M-0014 and M-0015 were easy to convert to automatic fire, and kits were even made to convert them, even though all that was necessary was to remove the semiautomatic disconnecter. This is the reason for the automatic fire figures. Automatic versions were always rare, and one could make a good down-payment on a car with the real-world price that one would command today.

Weapon	Ammunition	Weight	Magazines	Price
M-0014	.22 Long Rifle	2.3 kg	10, 15	\$229
M-0015	.22 Long Rifle	2.4 kg	10, 15	\$260



Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-0014	5	1	Nil	5	1	2	37
M-0015	5	1	Nil	5	1	2	43

Walther G22

Notes: This interesting bullpup small-bore rifle is designed for competition, varmint hunting, or just shooting for fun. The G22 has the fire controls and the magazine integrated into the rear of the stock, there is the primary magazine well (where the weapon feeds from) and another well that holds a spare magazine. The stock is adjustable for length, up to 20 extra millimeters. The sights are adjustable, both for windage and elevation and in their ability to be slid along tracks back and forth. The rear sight mount also has a Weaver rail to allow it to accept most optics, and there are more rails under handguard and under the front of the barrel. The manual safety consists of a sliding safety that can be locked with a key (the same key as on a P22 pistol). The G22 also has a cocking indicator and a magazine safety that will not allow the weapon to fire unless a magazine is in the weapon. The weapon is built largely of polymer, and is available in OD green or black.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
G22	.22 Long Rifle	2.7 kg	10	\$267

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
G22	SA	1	Nil	4	1	Nil	37

FEG SA-85

Notes: This essentially Hungary's version of a civilianized AKM. In this iteration, the AK receiver is for the most part retained; differences are primarily in the department of making sure it could not be easily returned to automatic fire capability. The SA-85 has the familiar barrel and sights of an AKM, but the SA-85 has no kind of a muzzle brake or flash suppressor. The stock is made from steamed elm; while steamed and hot, the wood pieces are very easy to precisely cut, shape, and tweak. The stock comprises every portion of the rifle beyond the pistol grip – The stock is a thumbhole type stock. The barrel is a 16.33-inch barrel which is unremarkable except for its being cold-hammer forged. Instead of a normal stock, versions were also made that used a folding stock, similar to the AKMR; however, with the various gun import bans into the US (and often with similar legislation elsewhere), the SA-85S could not often be imported to the US, of the parts assembled without a lot of costly licensing for their assembly. The SA-85 is not an outstanding rifle, nor a poor one, it is, in a word, average.

Weapon	Ammunition	Weight	Magazines	Price
SA-85	7.62mm Kalashnikov	3.05 kg	10, 20, 30	\$794
SA-85S	7.62mm Kalashnikov	3.5 kg	10, 20, 30	\$824

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SA-85	SA	4	2-Nil	6	4	Nil	47
SA-85S	SA	4	2-Nil	4/6	4	Nil	47

FEG KGPF

Though at first glance one might mistake the FGPF for the SA-85, this will quickly be revealed as mistaken. The rear thumbhole stock is in fact nearly identical to that of the SA-85, but the forestock is much larger and almost totally enclosed the barrel. The area of the receiver and trigger is much smaller than that of the SA-85 and looks similar to the MP-5. It is an attractive rifle, with good wood tones. The safety switch is inside the trigger guard at the top, in front of the trigger. Sights are like MP-5 sights, as is the cocking lever. The magazine release is wide and a push ahead the trigger guard will release the magazine.

Weapon	Ammunition	Weight	Magazines	Price
KGPF	9mm Parabellum	2.7 kg	10, 20, 25, 30	\$274

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SA-85S	SA	2	1-Nil	5	1	Nil	37

American Tactical Imports GSG 5

Notes: Imported from Germany and sold exclusively through ATI, the GSG 5 (German Sport Gun) is sort of an MP5/HK94 chambered for .22 Long Rifle instead of 9mm Parabellum. The barrel has been extended to 16.25 inches, and most of this extended length is surrounded by a *faux* silencer to protect the long, narrow barrel. Most of the GSG 5 looks virtually identical to the MP5, though the shape of the pistol grip, trigger, and trigger guard are different, as is the trigger unit. The ejection port is also much smaller than that of the MP5. The magazines are of the same dimensions as those of a standard MP5, but they have clear windows in the sides allowing the shooter to see his ammunition supply; they also hold 22 rounds instead of 30. (10 and 20-round magazines are also available.) A clamp is available to allow two magazines to be clipped together. Sights are essentially the same as those found on the MP5, adjusted for the different ammunition chambering. The standard MP5 safeties are present, and the GSG 5 also adds a magazine safety. The GSG 5 can be had with a fixed or folding stock; again, these stocks are virtually identical to those of the MP5.

Twilight 2000 Notes: The GSG 5 does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
GSG 5 (Fixed Stock)	.22 Long Rifle	2.99 kg	10, 20, 22	\$222
GSG 5 (Folding Stock)	.22 Long Rifle	2.99 kg	10, 20, 22	\$242

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
GSG 5 (Fixed Stock)	SA	1	Nil	4	1	Nil	33
GSG 5 (Folding Stock)	SA	1	Nil	3/4	1	Nil	33

American Tactical Imports AK-47

Notes: This is a faithful reproduction of the AK-47, except for the barrel length (16.25 inches), and the chambering (.22 Long Rifle). The Model 2210 also has considerable weight differences due to its heavily polymer construction. The standard model, the Model 2224W uses wood furniture identical to the AK-47; the gas block is further ahead than on the AK-47, which also leads to a longer exposed length of gas tube (though the gas tube is thick and strong). The magazines look like standard AK-47 magazines, but have an insert for .22 Long Rifle rounds, and the receiver and magazine well are appropriately modified. The Model 2224 has polymer construction, but keeps the same weight as the standard Model 2224W; it has five MIL-STD-1913 rails including four on the fore-end and one atop the receiver, and the standard version comes with a vertical foregrip. The Model 2210 is similar in design to some of the late construction AK-74s, with a polymer stock, fore-end (which is longer than normal), and a polymer pistol grip; it has a rubber non-slip surface on the stock and the standard capacity is smaller, for those jurisdictions that dictate such. The barrel is also a little longer at 16.5 inches.

Twilight 2000 Notes: The GSG AK-47 is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
AK-47 Model 2224W	.22 Long Rifle	4.35 kg	24	\$212
AK-47 Model 2224	.22 Long Rifle	4.35 kg	24	\$215
AK-47 Model 2210	.22 Long Rifle	2.99 kg	10	\$225

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
AK-47 Model 2224W/2224	SA	1	Nil	6	1	Nil	33
AK-47 Model 2210	SA	1	Nil	6	1	Nil	34

American Tactical Imports VK-22 Varmint Killer

Notes: ATI (American Tactical Imports) is a company which has its firearms made overseas and then sells them in the US; in this case, I have not been able to find out where the VK-22 is built. The lower receiver of the VK-22 is a standard M-16A2-type clone receiver, and the stock is an M-4-type collapsible stock. The magazine well has been modified to accept only the proprietary magazines made for the weapon or magazines of a similar type and made for the same caliber. The upper receiver is designed specifically for the VK-22 by Chiappa Firearms, and the upper receiver is topped by a MIL-STD-1913 rail. The handguards are standard M-16A2-type handguards, shortened for the shorter 16-inch heavy barrel. The front sight post is retained, and the rear iron sight is a folding type which is attached to the receiver rail and folds down. Function is essentially the same as for an M-16, and the weight is close to an M-16A3.

Twilight 2000 Notes: The VK-22 is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
VK-22	.22 Long Rifle	3.29 kg	10, 28	\$227

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
VK-22	SA	1	Nil	3/5	1	Nil	34

Chiappa Mfour-22

Notes: The Mfour-22 Carbine is a reasonable reproduction of the M-4, chambered for .22 Long Rifle. Differences included the use

of a different stock (it is both sliding and folds to the right), and has a 16-inch barrel tipped by an M-16A2-type flash suppressor. It uses magazines that are designed to look like standard Mil-Spec 5.56mm magazines, but have a .22 Long Rifle insert. Under the gas block is a pseudo bayonet lug (it looks like a bayonet lug, but cannot be used to attach a bayonet). Internally, the Chiappa Mfour-22 is heavily modified, and uses blowback operation instead of gas operation. (It also does not have the return spring tube of the M-4/M-16/AR-15.) The top of the receiver has a MIL-STD-1913 rail, and a carrying handle with a rear sight in it comes with that rail. Four-point MIL-STD-1913 rails on the handguards is an optional feature, as is a folding front sight.

Though the Mfour-22 Pistol is a pistol and not a rifle or carbine; it is included here for completeness. The Mfour-22 Pistol has a 6-inch barrel tipped by an M-16A2-type flash suppressor, just projecting beyond the pistol's stubby handguards. As with the Rifle, the top of the receiver has a MIL-STD-1913 rail, and this rail extends down the top of the stubby handguard of the Mfour-22 Pistol. The other particulars of the Mfour-22 Pistol are identical to that of the Mfour-22 rifle, except that the Mfour-22 Pistol has no stock and adding a stock is designed to be difficult (but not impossible).

The Mfour-22 Carbine is designed from the outset to be an analog of the military M-4. The Mfour-22 Carbine can be had as a complete rifle or an add-on upper. One big difference, however, is that the upper receiver is made from polymer instead of aluminum, making it much lighter than an M-4. The barrel is 16 inches, of military profile and with a flash suppressor, and the magazines look like standard M-4/5.56mm magazines, but have .22 Long Rifle inserts. The sliding stock is similar in appearance to that of the military M-4. Other construction is as the Rifle version (which is more an SBR, legally).

Twilight 2000 Notes: These firearms are not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Mfour-22 Rifle	.22 Long Rifle	2.49 kg	28	\$244
Mfour-22 Pistol	.22 Long Rifle	2.13 kg	28	\$118
Mfour-22 Carbine	.22 Long Rifle	2.5 kg	5, 10, 28	\$268

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mfour-22 Rifle	SA	1	Nil	3/5	1	Nil	33
Mfour-22 Pistol	SA	-1	Nil	2	1	Nil	11
Mfour-22 Carbine	SA	1	Nil	3/4	1	Nil	33

Colt/Walther M4 Ops

Notes: This M4 clone was designed by Walther using a license from Colt; then, the rifles were assembled by Colt in the US after the parts were manufactured by Walther. They are not simply M4s with rimfire uppers; they were designed from the ground up to be first rimfire rifles that also look like M4A1s. Being a rimfire weapon, the operation is by blowback instead of gas. Construction is otherwise similar to the M4A1, with 7075-T6 aluminum receiver halves which are anodized in black. The top of the receiver and top of the handguard has a continuous MIL-STD-1913 rail, and the bottom of the handguard also has such a rail. The sides of the handguards are practically skeletonized with cooling/lightening slots. The front sight is the same as on the M4A1; the rear sight is a fully adjustable BUIS, totally removable. The stock is identical to that of the M4A1, and is also anodized in black. The barrel is 16.2 inches, with a military profile and tipped with an A2 flash suppressor; it is of course a Carl Walther high-quality barrel. The trigger is single stage, but adjustable by the user from 6.6 to 9.9 pounds of pull weight.

Weapon	Ammunition	Weight	Magazines	Price
M4 Ops	.22 Long Rifle	2.72 kg	30	\$248

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M4 Ops	SA	1	Nil	¾	1	Nil	34

Frankonia/Ruger 10/22 Power Target

Notes: Starting with the Ruger 10/22 as a base, the German company of Frankonia improved upon the weapon, replacing the barrel with a heavy cold-forged barrel, the stock with a laminated wooden stock which has a thumbhole pistol grip wrist and an adjustable cheekpiece. The fore-end may have a detachable hand rest, or the same mount may be used for a bipod. On top of the receiver there is a dovetail mount for the mounting of a telescopic sight; there are no iron sights. The Power Target is also known as the Varminter, particularly in North America.

Weapon	Ammunition	Weight	Magazines	Price
Power Target	.22 Long Rifle	3.3 kg	2, 10	\$733

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Power Target	SA	1	Nil	5	1	Nil	42
With Bipod	SA	1	Nil	5	1	Nil	54

Legacy Sports PPS-22 Puma

Notes: Though superficially a version of the PPSH-41 in .22 Long rifle, the PPS-22 is barely a visual representation of that

submachinegun. The stock and fore-end are more reminiscent of a standard rimfire rifle, though the barrel has a shroud with “cooling” vents in it and it is fed from a 50-round drum (or 10-round or 30-round stick magazines); it can also use a number of aftermarket .22 Long Rifle magazines and drums. The PPS-22 is an update of the original PPS .22 Long Rifle weapon of the 1980s. It is built in Italy by F LLI Pietta, and imported to North and South America by Legacy Sports, an import company rather than an arms manufacturer. Construction is all steel and wood, and the PPS-22 is quite sturdy and surprisingly heavy for such a spindly-looking weapon. The 16-inch barrel, as stated above, is enclosed in a ventilated barrel shroud. The holes are round rather than the oval holes of the original PPS-41 submachinegun, and there are more of them. However, like the original, the action is straight (though semiautomatic) blowback. The fore-end is grooved to give the fingers something to hang on to. Unlike the original, the PPS-22 fires from a closed bolt rather than an open bolt. The PPS-22 will function with most .22 Long Rifle ammunition, but is not reliable with target velocity loads; it functions best with high-velocity ammunition. Hollowpoints also tend to jam in the mechanism. The receiver is grooved for a scope mount, even large scopes.

The Puma Wildcat diverges even more completely from the faux PPS-41 look; it has a sliding skeletonized stock, synthetic furniture, a foregrip with a pair of MIL-STD-1913 rails on it, a pistol grip instead of a pistol grip wrist, and grooving for a scope mount above the receiver.

Weapon	Ammunition	Weight	Magazines	Price
PPS-22 Puma	.22 Long Rifle	2.49 kg	10, 30, 50 Drum	\$210
Puma Wildcat	.22 Long Rifle	2.28 kg	10, 30, 50 Drum	\$242

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
PPS-22 Puma	SA	1	Nil	6	1	Nil	33
Puma Wildcat	SA	1	Nil	4/6	1	Nil	33

**Mitchell’s Mausers PPS50/22**

Notes: Though Mitchell’s Mausers is a company that primarily sells in the US, they essentially act as an import company for products from Yugoslavia and Italy. One of these is the PPS50/22 from Italy; this is based on the styling of the PPS-41, and looks very much like that weapon, except for the smaller caliber, and the longer barrel, surrounded by a full-length perforated cooling jacket. The sights are derived from those of the PPS-41, with a fixed post front and drift-adjustable rear. The wooden stock is shaped like that of its submachinegun predecessor. The PPS50/22 can be fed, (depending on where you are) by a 10 or 30 round magazine (or a 30-round magazine blocked to allow only 10 rounds in the magazine), or a 50-round drum magazine. Operation is basically blowback, like many rimfire weapons. The metalwork is of steel, and 4140 SAE steel at that, with an external polished blue finish. The manual safety is in the trigger guard. The weapon is also drilled and tapped for a scope mount. The stock is of ordinary hardwood, though it is finished to look like walnut. The barrel is, of course, longer than that of the PPS-41 to make it legal in the US, and is 16.1 inches long, with the barrel jacket stiffening, producing a bit of extra accuracy.

Weapon	Ammunition	Weight	Magazines	Price
PPS50/22	.22 Long Rifle	2.31 kg	10, 30, 50D	\$213

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
PPS50/22	SA	1	Nil	4	1	Nil	34

AGM-1 Carbine

Notes: This is a semiautomatic weapon of bullpup design. The 9mmP caliber is standard, but a conversion kit allows the weapon to use .45ACP, .40SW, and .22LR ammunition. It is a very compact weapon. The AGM-1 was originally supposed to be a military submachinegun, but there was no interest in that area or by the police, so it was sold on the civilian market as a semiautomatic only weapon; it still got little success.

Weapon	Ammunition	Weight	Magazines	Price
AGM-1	9mm Parabellum	3 kg	13, 20	\$263
AGM-1	.45 ACP	3 kg	6, 10	\$344
AGM-1	.40 Smith & Wesson	3 kg	10	\$301
AGM-1	.22 Long Rifle	3 kg	15, 20	\$202

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
AGM-1 (9mmP)	SA	2	1-Nil	4	1	Nil	32
AGM-1 (.45ACP)	SA	2	1-Nil	4	3	Nil	34
AGM-1 (.40SW)	SA	2	1-Nil	4	2	Nil	34
AGM-1 (.22LR)	SA	1	Nil	4	1	Nil	30

Armi-Jager AP-61

Notes: This is a traditional-styled semiautomatic rimfire rifle. It is a very simple rifle consisting mainly of a cylinder-shaped receiver, Monte Carlo-combed stock, and simple sights (an adjustable leaf rear and a blade front). Barrel length is 21.65 inches. The weapon is grooved for a telescopic sight. There is also a deluxe variant called the AP-61L, with a stock made from better wood and with skip-line checkering on the pistol grip wrist and fore-end.

Weapon	Ammunition	Weight	Magazines	Price
AP-61	.22 Long Rifle	2.5 kg	5, 10, 20	\$272

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
AP-61	SA	1	Nil	5	1	Nil	44

Armi-Jager AP-74

Notes: A small-caliber copy of the AR-15, the AP-74 has all of the features of the AR-15, and can mount an M-16-type bayonet. However, due to US legal requirements, the AP-74 is incapable of firing rifle grenades. The AP-74 has basically the same operation as the AR-15 (modified for the ammunition, of course), and sights modified for the ammunition but also similar to those of a standard AR-15. Construction is also similar, with an aluminum alloy receiver, synthetic stock, and plastic handguards and pistol grip. The magazine looks similar to an early-style AR-15 20-round magazine, but a close look will reveal the cutout well for the .22 Long Rifle magazine. The AP-74 was later banned by the Brady Bill due to that bayonet-mounting capability, and had to be redesigned to remove the bayonet lug (and flash suppressor), as well as the magazine redesigned with a block to allow the loading of only 10 rounds. Later, after the sunset of the Assault Weapons Ban, the flash suppressor re-appeared (but not the bayonet lug). I actually fired a pre-ban version of the AP-74 of these that belonged to my platoon leader when I was in the National Guard; it handles very much like an AR-15A1 (but is a bit shorter), and the recoil is about like an AR-15A1 firing blanks (almost none).

Variants of the AP-74 include a version chambered for .32 ACP, the AR-74 Carbine (with a sliding stock, but a full-length 19.75-inch barrel; however, the AR-74 Carbine has carbine-length handguards, leaving a pretty good length of exposed barrel). The AR-74 Commando Carbine uses a 16-inch barrel, the carbine-type handguards, and a wooden stock rumored to be based on the old Uzi wooden stock. A "luxury" version of the AP-74 also exists, with a stock, pistol grip and handguards made from premium wood which is laminated, weatherproofed, and polished.

Weapon	Ammunition	Weight	Magazines	Price
AP-74	.22 Long Rifle	2.95 kg	10, 25	\$258
Luxury AP-74	.22 Long Rifle	3.08 kg	10, 25	\$249
AP-74	.32 ACP	3.04 kg	10, 14	\$292
AR-74 Carbine	.22 Long Rifle	2.91 kg	10, 25	\$279
AR-74 Commando	.22 Long Rifle	2.74 kg	10, 25	\$241

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
AP-74 (.22)	SA	1	Nil	5	1	Nil	40
Luxury AP-74	SA	1	Nil	5	1	Nil	40
AP-74 (.32)	SA	1	Nil	5	1	Nil	44
AR-74 Carbine	SA	1	Nil	4/5	1	Nil	40
AR-74 Commando	SA	1	Nil	3/4	1	Nil	33



## Benelli Argo

Notes: This rifle was introduced in 2002. It uses gas operation, and a number of exotic materials and manufacturing techniques to produce a rifle like no other. The receiver cover is of hardened steel of a type more normally used in spacecraft. The barrel is attached to this so rigidly that there is no play whatsoever, and on top of this is a carbon-fiber mount for telescopic sights. The barrel itself is free-floating, and the receiver is made of composites. The inclination of the stock in relation to the rest of the rifle can be changed with spacers, and there is a thick recoil pad on the butt. The Argo comes in the standard version with matte black composites and steel, and the fancier Argo Special with a silver-colored receiver and better grades of wood in the stock (though both use walnut). Both are identical for game purposes, though the Argo Special is made only to fire .30-06 Springfield.

Twilight 2000 Notes: This rifle does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Argo	.30-06 Springfield	3.25 kg	2, 4	\$1275
Argo	.300 Winchester Magnum	3.5 kg	3	\$1733

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Argo (.30-06)	SA	4	2-3-Nil	7	4	Nil	54
Argo (.300)	SA	5	2-3-Nil	7	4	Nil	61

## Benelli Athena

Notes: This is a gas-operated semiautomatic rimfire rifle introduced in 1995. It is a simple, average sort of rifle, using inertia locking and having no real remarkable features. The rear sight is adjustable, and the weapon has a hardwood stock. There is also another version, the Athena Elegant, which uses a fine walnut stock, a longer barrel, and oddly enough, a long flash suppressor (the combination of the .22 Long Rifle round and a flash suppressor is not really necessary). The Elegant is also grooved for a telescopic sight.

Weapon	Ammunition	Weight	Magazines	Price
Athena	.22 Long Rifle	2.95 kg	10	\$230
Athena Elegant	.22 Long Rifle	3.6 kg	10	\$259

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Athena	SA	1	Nil	5	1	Nil	37
Athena Elegant	SA	1	Nil	5	1	Nil	42

## Benelli R-1

Notes: The R-1 is a semiautomatic gas-operated rifle designed by the same group at Benelli that normally designs their semiautomatic shotguns. This leads to an interesting blend of rifle and shotgun sensibilities, such as an operating system derived from the Argo (which itself was derived from the Benelli M-1014), a fine-quality walnut stock and fore-end which is beautifully-finished and more of the quality one might expect from an expensive competition shotgun, a magazine whose lines blend perfectly with the receiver, and an ergonomic recoil pad much thicker than is normally used on a rifle. The Argo gas system is much shorter than the standard sort of gas operation system, making stoppages due to fouling less likely and generally allowing a shorter weapon while having the incidental effect of slightly reducing recoil. Metalwork is generally blued, except for the stainless steel operating parts, and the pistol grip wrist is checkered. Barrels are cold-forged, with 2 barrel lengths available for the .30-06 chambering (20 and 22 inches), 2 for the .300 Winchester Magnum chambering (20 and 24 inches) and one for each of the other chamberings (24 inches for .300 Winchester Short Magnum and .270 Winchester Short Magnum).

Benelli introduced the ComforTech recoil-absorbing stock on its Black Eagle II semiautomatic shotgun quite a while ago, and it has since been used on several other shotguns to tame magnum shotshell recoil. However, Benelli figured that if the stock was good at absorbing the recoil of a magnum shotshell load, it ought to be great at absorbing the recoil of rifle rounds – and this thought resulted in the R-1 ComforTech. This is a version of the R-1 introduced in 2006, using that stock (which is synthetic and normally black in color), a slightly different (though equally thick) recoil pad, and comes only in two chamberings (though it is probable that more will be added in the future). Three recoil pad/butt plates are included with the R-1, allowing the user to adjust the rifle to his needs; in addition, optional raised cheekpieces are also available upon request. The R-1 ComforTech comes with a MIL-STD-1913 rail instead of the standard scope ring mounts found on the standard R-1. The pistol grip is checkered, the fore-end contoured with a palm swell, and the entire stock and fore-end is coated with Benelli's GripTight – an over-coating that feels almost tacky to the touch, making sure that the shooter will have a good hold on the weapon regardless of weather conditions. Barrel lengths are 22 inches for the .30-06 chambering and 24 inches for .300 Winchester Magnum.

Twilight 2000 Notes: These rifles do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
R-1 (20" Barrel)	.30-06 Springfield	3.26 kg	4	\$1272
R-1 (22" Barrel)	.30-06 Springfield	3.31 kg	4	\$1293
R-1 (20" Barrel)	.300 Winchester Magnum	3.28 kg	3	\$1734
R-1 (24" Barrel)	.300 Winchester Magnum	3.35 kg	3	\$1857

R-1	.270 Winchester Short Magnum	3.09 kg	3	\$1006
R-1	.300 Winchester Short Magnum	3.31 kg	3	\$1162
R-1 ComforTech	.30-06 Springfield	3.27 kg	4	\$1378
R-1 ComforTech	.300 Winchester Magnum	3.31 kg	3	\$1942

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
R-1 (20", .30-06)	SA	4	2-3-Nil	7	4	Nil	55
R-1 (22", .30-06)	SA	4	2-3-Nil	7	4	Nil	63
R-1 (20", .300 Win Mag)	SA	5	2-3-Nil	7	4	Nil	62
R-1 (24", .300 Win Mag)	SA	5	2-3-Nil	7	4	Nil	82
R-1 (.270 WSM)	SA	4	1-2-3	7	4	Nil	92
R-1 (.300 WSM)	SA	5	1-2-3	7	4	Nil	99
R-1 ComforTech (.30-06)	SA	4	2-3-Nil	7	3	Nil	63
R-1 ComforTech (.300 Win Mag)	SA	5	2-3-Nil	7	3	Nil	82

### Beretta Automatic Carbine (CAB)

Notes: The *Carabine Automatiche Beretta* is a light sport rifle designed for plinking, varmint hunting, and light competition. It is a simple .22 sporter. A variant is the Tipo Olimpia; this is fancier version of the CAB with a cheekpiece, checkering on the pistol grip and fore-end, an optical target sight, and a heavy barrel.

Weapon	Ammunition	Weight	Magazines	Price
CAB	.22 Long Rifle	2.75 kg	4, 5, 8, 10, 20	\$255
Tipo Olimpia	.22 Long Rifle	3.73 kg	4, 5, 8, 10, 20	\$443

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CAB	SA	1	Nil	5	1	Nil	42
Tipo Olimpia	SA	1	Nil	6	1	Nil	49

### Beretta CX-4 Storm

Notes: The Storm is a weapon that is as likely to be found in the hands of police as it is in the hands of civilians. It is a carbine chambered for pistol calibers, and is constructed largely out of polymers. They may use any magazine available for a Beretta pistol of the same caliber. The Storm is very simple to maintain and strip, using straight blowback operation. They can be easily modified for left or right-handed operation. The Storm is regarded as an ergonomic masterpiece.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
CX-4 Storm	9mm Parabellum	2.63 kg	8, 10, 11, 13, 15, 20	\$285
CX-4 Storm	9x21mm	2.65 kg	8, 10, 11, 13, 15	\$294
CX-4 Storm	.40 Smith & Wesson	2.71 kg	6, 7, 8, 10, 11	\$322
CX-4 Storm	.45 ACP	2.81 kg	6, 7, 8, 10	\$364

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CX-4 Storm (9mm Parabellum)	SA	2	Nil	5	1	Nil	37
CX-4 Storm (9x21mm)	SA	2	1-Nil	5	1	Nil	38
CX-4 Storm (.40)	SA	2	1-Nil	5	2	Nil	39
CX-4 Storm (.45)	SA	2	1-Nil	5	3	Nil	39

### Beretta Rx-4 Storm

Notes: Though based on the Cx-4 Storm, the Rx-4 quickly diverges significantly from the Cx-4 design both internally and externally. It is designed for both police and civilian use.

Let's start externally. While the shell of the Rx-4 is also constructed largely of high-strength polymers, the Rx-4 uses a collapsible stock which slides inward, and able to be locked in 5 positions for a total change in length of pull of 4.6 inches. (A standard non-collapsible stock is also available, with or without a pistol grip, primarily for civilians and for jurisdictions where such sliding stocks are prohibited.) Sights are ghost-ring type, with protective ears for the front and rear sight and adjustable for windage and elevation on both the front and rear sights. A MIL-STD-1913 rail is also mounted above the receiver, and more may be added atop, on either side, and below the barrel shroud. A total of nine sling swivel attachment points are provided. The metalwork is steel, with 12.5-inch and 16-inch barrels available. Civilian versions (which have 16-inch barrels only) may be had that have no provision for a flash suppressor or muzzle brake (depending upon local laws); the 16-inch barrel version may also have a permanently-mounted flash suppressor, and the 12.5-inch barrel model may have a threaded muzzle to allow a flash suppressor or muzzle brake to be used. All fire controls are easily reversible, as is the charging handle.

Internally, operation is somewhat similar to that of the Cx-4, but the Rx-4 also uses the ARGO gas system which reduces fouling and increases reliability, by automatically regulating the amount of gas required for changing conditions in the gas system. Feed may be from any magazine compatible with the AR-15/M-16 series, but Beretta normally sells the Rx-4 to civilians only with 5 or 10-round magazines (again, depending upon local regulations).

Twilight 2000 Notes: The Rx-4 is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Rx-4 (Civilian, Fixed Stock)	5.56mm NATO	6.93 kg	5, 10, 20, 30	\$640
Rx-4 (Civilian, Folding Stock)	5.56mm NATO	6.93 kg	5, 10, 20, 30	\$661
Rx-4 (Police, Fixed Stock, 12.5" Barrel, FS)	5.56mm NATO	6.68 kg	5, 10, 20, 30	\$609
Rx-4 (Civilian, Folding Stock, 12.5", FS)	5.56mm NATO	6.68 kg	5, 10, 20, 30	\$630
Rx-4 (Police, Fixed Stock, 12.5" Barrel, MB)	5.56mm NATO	6.9 kg	5, 10, 20, 30	\$655
Rx-4 (Civilian, Folding Stock, 12.5", MB)	5.56mm NATO	6.9 kg	5, 10, 20, 30	\$676
Rx-4 (Police, Fixed Stock, 16" Barrel)	5.56mm NATO	7 kg	5, 10, 20, 30	\$645
Rx-4 (Civilian, Folding Stock, 16" Barrel)	5.56mm NATO	7 kg	5, 10, 20, 30	\$666

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Rx-4 (Civ, Fixed)	SA	3	1-Nil	5	2	Nil	40
Rx-4 (Civ, Folding)	SA	3	1-Nil	4/5	2	Nil	40
Rx-4 (Police, Fixed, 12.5", FS)	SA	3	1-Nil	5	1	Nil	27
Rx-4 (Police, Folding, 12.5", FS)	SA	3	1-Nil	3/5	1	Nil	27
Rx-4 (Police, Fixed, 12.5", MB)	SA	3	1-Nil	5	1	Nil	27
Rx-4 (Police, Folding, 12.5", MB)	SA	3	1-Nil	3/5	1	Nil	27
Rx-4 (Police, Fixed, 16")	SA	3	1-Nil	5	2	Nil	40
Rx-4 (Police, Folding, 16")	SA	3	1-Nil	4/5	2	Nil	40

### Bernardelli B/TR

Notes: Like many of the world's nations, Italy found itself with a need to train soldiers in basic marksmanship skills, but found the cost of such training a bit steep. And like many other nations, their solution was to a rifle firing cheap .22 Long Rifle ammunition instead of using normal issue weapons firing more expensive 5.56mm NATO or 7.62mm NATO ammunition. This approach also saved wear and tear on the actual issue weapons, and the soldiers only required some familiarization, having already learned the fundamentals of marksmanship. The weapon they used for this purpose was the B/TR, a basic semiautomatic rifle design. The B/TR was also sold on the European market as a light hunting rifle.

Twilight 2000 Notes: Italian military B/TR's were handed out starting in late 1998 to civilians for home defense.

Weapon	Ammunition	Weight	Magazines	Price
B/TR	.22 Long Rifle	2.45 kg	5, 10	\$259

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
B/TR	SA	1	Nil	6	1	Nil	42

### Bernardelli CSA

Notes: The Bernardelli Semi-Automatic Carbine (CSA – *Carabine Semi-Automatiche*), was designed for low cost and easy maintainability. It is a very simple weapon with a simple blowback operation. A minor variant of this weapon fires 9mm Flobert rimfire shotshell ammunition; this version has sights that are so rudimentary they are hardly worth using.

Weapon	Ammunition	Weight	Magazines	Price
CSA	.22 Long Rifle	2.35 kg	10	\$259
CSA	9mm Flobert	2.61 kg	3	\$208

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CSA	SA	1	Nil	5	1	Nil	42
CSA	SA	2/1d6x4	Nil/Nil	6	2	Nil	36

### Bernardelli VB-Target

Notes: The VB-Target is a rimfire semiautomatic carbine using recoil operation. It is a simple weapon with adjustable tangent rear sights and hardwood stocks. It is grooved for a telescopic sight mount. A variant called the Giardino fires 9mm Flobert ammunition.

Weapon	Ammunition	Weight	Magazines	Price
VB-Target	.22 Long Rifle	2.3 kg	5, 10	\$259
Giardino	9mm Flobert	4.07 kg	5, 10	\$190

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>VB-Target</b>	SA	1	Nil	5	1	Nil	43
<b>Giardino</b>	SA	2/1d6x4	1-Nil/Nil	5	1	Nil	30

### Sabatti Sporter

Notes: This is a simple semiautomatic recoil-operated rimfire carbine. It has a simple semi-pistol grip wrist stock made from walnut and metal parts of steel. The normal magazine used is a removable rotary magazine with a capacity of ten rounds, but the Sporter can also be had with an internal magazine with a capacity of two or three rounds, for export to countries where hunting weapons are limited to these small capacities. The safety button actuates a simple mechanism which locks the trigger. The rear sight is an adjustable leaf, and the top of the receiver has a raised dovetail rail for the attachment of a scope mount.

Weapon	Ammunition	Weight	Magazines	Price
<b>Sporter</b>	.22 Long Rifle	3.24 kg	10	\$235

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Sporter</b>	SA	1	Nil	5	1	Nil	38

### Tanfoglio Appeal

Notes: Sold exclusively through EAA (European American Armory), an import company, the Appeal was designed specifically with the US market in mind, but has found broad appeal throughout civilians in the world. It's receiver, stock, carrying handle, pistol grip, and trigger and housing are made of polymer; the working parts, barrel, and muzzle brake are made from light steel alloys. The entire rifle is very light and handy, due to its construction and bullpup design. Reviewers remark on the fit and finish of the Appeal, and how it does not flex and warp much and has natural pointing qualities. The stock is adjustable for length via the buttplate. The receiver is in two sections, which connect through three drift pins. The trigger bar is 9 inches long and trigger pull is a bit heavy at 6.75 pounds, like many bullpup rifles. The Appeal has a passive and manual trigger safety, the passive in the trigger itself, and the manual which blocks the movement of the trigger bar. The magazine release is behind the pistol grip, and the magazine is behind the magazine release in the stock. The charging handle may be led into the rifle to recoil spring sleeve through either side of the rifle.

The front and rear sights are both adjustable; the sights are on top of a raised carrying handle, connected by a Weaver rail molded into the carrying handle. The Weaver Rail used has stanchions a bit higher than normal, and many optics will simply not fit. Under the barrel is a short length of Weaver Rail, which can be used for bipods or accessories. The rear sights are protected by hexagonal ears and the front by molded-in wings.

The barrel is 18 inches, yet the entire rifle is a mere 26.25 inches. The controls are completely ambidextrous, and the ejection port and bolt can be reversed.

One thing noticed on models shown at the 2016 SHOT Show is that magazines and versions were shown in .22 LR, .22 WMR, and .17 HMR. Yet no .17 HMR version has speared on the market as of yet. The word is that they are having some headspace and timing issues (which can mean more than one thing!) but a .17 HMR version will be available soon. I have therefore included one in the tables below.

Weapon	Ammunition	Weight	Magazines	Price
<b>Appeal</b>	.22 Long Rifle	2.04 kg	10	\$272
<b>Appeal</b>	.22 Winchester Magnum Rimfire	2.04 kg	10	\$293
<b>Appeal</b>	.22 Hornady Magnum Rimfire	2.04 kg	10	\$371

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Appeal (.22 LR)</b>	SA	1	Nil	4	1	Nil	34
<b>Appeal (.22 WMR)</b>	SA	1	Nil	4	1	Nil	41
<b>Appeal (.17 HMR)</b>	SA	2	1-Nil	4	1	Nil	41

Izhmash Izyubr

Notes: This is a premium hunting rifle, high in quality and produced only by special order. The mechanism is very much like that of the Saiga, but tolerances are tightened considerably and special steel and aluminum rifles are used in its construction. The Izyubr is also made with preventative maintenance in mind; it can be broken down into easily-worked sections by the average user. Stocks and fore-ends are of premium quality wood, and the Izyubr can be had with walnut root furniture. The side of the receiver has a rail for a scope mount, and comes with a telescopic sight. In addition to iron sights, the Izyubr has a fiberoptic front sight and an aiming rib. The stock has a raised cheekpiece and a ventilated recoil pad. There is a game price here, but the real-world cost would be a good 10-12 times more.

Weapon	Ammunition	Weight	Magazines	Price
Izyubr	7.62mm NATO	3.5 kg	5, 10	\$1315

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Izyubr	SA	4	2-3-Nil	7	4	Nil	77

Dragunov Medved

Notes: This is a civilianized version of the Russian SVD sniper rifle, meant for light to medium hunting. The original version was produced for the 9mm Russian Rifle cartridge, and was distributed to Russian civilians in large numbers. Later versions were produced with 7.62mm Nagant and 7.62mm NATO chamberings, primarily for export. The weapon is drilled and tapped for a scope and has an adjustable trigger.

Twilight 2000 Notes: The Medved-2 and Medved-3 do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Medved-1	9.3mm Russian	3.6 kg	4	\$1860
Medved-2	7.62mm Nagant	3.6 kg	4	\$1086
Medved-3	7.62mm NATO	3.6 kg	4	\$1036

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Medved-1	SA	5	2-4-Nil	7	6	Nil	70
Medved-2	SA	4	2-3-Nil	7	4	Nil	70
Medved-3	SA	4	2-3-Nil	7	4	Nil	70

Dragunov Tigr

Notes: This is a series of Russian rifles for hunting and target shooting. The Tigr is, in fact, another civilianized version of the SVD sniper rifle. The "-1" versions typically have a straight rifle stock and longer barrels, while the standard versions have skeletonized folding stocks and shorter barrels. The weapons have open sights in the scope mounts to allow the weapon to be used at shorter ranges without detaching the scope.

Twilight 2000 Notes: These weapons do not exist.

Weapon	Ammunition	Weight	Magazines	Price
Tigr	7.62mm Nagant	3.9 kg	5	\$1073
Tigr-1	7.62mm Nagant	4.1 kg	5	\$1109
Tigr-9	9.3mm Brenneke	4 kg	5	\$2091
Tigr-9-1	9.3mm Brenneke	4.2 kg	5	\$2157
Tigr-308	7.62mm NATO	4 kg	5, 10	\$1037
Tigr-308-1	7.62mm NATO	4.2 kg	5, 10	\$1059
Tigr-3006	.30-06 Springfield	4.32 kg	5, 10	\$1218
Tigr-3006-1	.30-06 Springfield	4.43 kg	5, 10	\$1240

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Tigr	SA	4	2-3-Nil	5/7	4	Nil	66
Tigr-1	SA	4	2-3-Nil	7	4	Nil	84
Tigr-9	SA	5	2-4-Nil	5/7	5	Nil	73
Tigr-9-1	SA	5	2-4-Nil	8	5	Nil	84
Tigr-308	SA	4	2-3-Nil	5/7	4	Nil	73
Tigr-308-1	SA	4	2-3-Nil	7	4	Nil	83
Tigr-3006	SA	4	2-3-Nil	5/7	4	Nil	63
Tigr-3006-1	SA	4	2-3-Nil	7	4	Nil	73

Kalashnikov USA KR-9



Notes: The story of the KR-9 actually began in 2013, when it was shown at the Concern Kalashnikov show in Russia. At the time, Kalashnikov wanted to export the Saiga-9, a heavily-modified variant of the Vityaz PP-19 submachinegun (which is also a derivative of the AK-74U), to the US and South America, and the Saiga-9 was designed with US laws in mind. However, the BATF put the kybosh on this deal, saying that not enough of the weapon was produced in the US. This led to the Kalashnikov USA facility, and the now-called KR-9 was then wholly produced in the US, and introduced to the West in 2016. The KR-9 (and it's Saiga-9 predecessor) was designed for sales to civilians, and never meant for military or police sales.

The Vityaz PP-19 was basically a Bizon-2 designed to feed from a 30-round magazine. The KR-9 is likewise designed to feed from a 30-round magazine, though 10-round magazines are available where the local laws require it. The magazine inserts directly into the magazine well, with no Kalashnikov-like hooking and rocking required. The magazine release is a paddle in front of the trigger guard, like a standard AK-type weapon.

The result of the modifications produces a firearm that looks very much like an AK-74U with an elongated barrel. It has a side-folding stock like the AK-74U, and much of the furniture likewise appears taken from an AK-74U. Atop the receiver is a MIL-STD-1913 rail that extends the length of the top cover of the weapon. The rail hinges with the top cover to allow access to the innards. (Kalashnikov USA recommends a Red Dot sight, though the KR-9 can mount just about anything.) It can also take the side-mounted Russian-type sights. Being designed for sales to the West (and especially the US) it is chambered in the civilian-friendly 9mm Parabellum. Controls are standard Kalashnikov, though without the automatic fire setting. When the rifle is on safe, the lever covers the ejection port. Below the receiver is a pistol grip which is shaped the same way as the AK-74U, but somewhat larger and at a more ergonomic angle.

The front sight is a post with ears and is adjustable for windage. The rear sight has a simple u-notch, and is adjustable out to 200 meters.

The barrel is simple steel finished with Melonite (as are most of the metal parts of the rifle) and is 16.2 inches long. It is tipped with a compact, slotted muzzle brake. The handguard is in two parts, top and bottom, and is black polymer. Note that internal trigger locks prevent the KR-9 from being fired with the stock folded.

Weapon	Ammunition	Weight	Magazines	Price
KR-9	9mm Parabellum	3 kg	10, 30	\$351

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
KR-9	SA	2	1-Nil	3/5	1	Nil	36

**Molot Vepr**

Notes: The Vepr is a hunting rifle built on the receiver and barrel of the RPK automatic rifle. The capacity for automatic fire is removed, and other modifications include a wooden thumbhole stock with a ventilated recoil pad, proprietary magazines and an optical sight mount on the left side. In addition, the bipod is removed, and the handguards are different. The trigger group is also different; it is a two-stage trigger. At first, the plans for the Vepr were to produce it only in 7.62mm Kalashnikov to simplify production, but the design proved popular in the West, so other chamberings were added. In addition, the Vepr was initially to be produced only with one barrel length, but in 1998, a longer barrel length was added for 7.62mm Kalashnikov and 7.62mm NATO variants; later, this longer barrel was offered for other chamberings. In addition, shorter 16.5-inch barrels are offered for the 5.56mm and 5.45mm versions. The use of an RPK receiver gives the Vepr greater strength than the AK-based Saiga, though at a penalty of additional weight.

The Super Vepr is a variant of the standard Vepr designed primarily for export to the West. The Super Vepr has additional ammunition options and more expensive walnut furniture that was more popular in the West at the time. In addition, the controls are more "Western-friendly," consisting of a push-button safety, Western-pattern trigger, and a somewhat different magazine release. The weapon is equipped with a Picatinny rail and may use any sort of Pact or Western sight. The controls are ambidextrous. The iron sights consist of an adjustable leaf rear sight and post-type front sight; these sights are very simple, because the Super Vepr is primarily meant to be used with a telescopic sight (a mounting rail for such a scope is available as an accessory). Barrel length is a bit different at 21.65 inches. Original chamberings were for 7.62mm Kalashnikov and 7.62mm NATO, but later a .35 Remington chambering was added.

The Vepr Pioneer is a further development of the Super Vepr; the primary difference is the removable trigger unit which allows for easy maintenance of the unit. (This trigger unit is *not* adjustable, however.) The thumbhole stock is replaced by a Monte Carlo stock with a pistol grip wrist and a cheek swell.

Based on the Super Vepr, the Vepr II has synthetic instead of wooden furniture and more rigid manufacturing standards, along with more ergonomic construction. The stock can be fixed or a side-folder. It is drilled and tapped for a scope, but does not have the Picatinny rail of the Super Vepr. Barrel lengths are 20 and 16.5 inches, and the barrel is tipped with an AK-74-type muzzle brake. Unlike most Russian civilianized weapons, the Vepr II will accept both civilian and military magazines.

The US company Wolf Performance makes a heavily-modified version of the Vepr, essentially converting it to a "Western" rifle with Western improvements and tolerances. The primary modifications are to the furniture. The stock is replaced by a sliding stock with a rubber recoil pad on the butt and an adjustable cheekpiece. The butt can also be angled one direction or another by twisting and locking the stock. The stock also had room for batteries and a cleaning kit. The stock has a length of MIL-STD-1913 rail to mount a monopod or another sling mount. The pistol grip is replaced with the much more ergonomic ATI Strike Force pistol grip. The left side of the receiver has an optics base; this base reaches up and over the receiver (or pivots to one side for field stripping), and is topped by a MIL-STD-1913 rail. Further rails are found on the sides of the front half of the handguard and underneath; the Wolf Performance



Vepr is sold with a bipod, adjustable for cant and height. (This handguard system was actually designed for the Saiga 12, and modified for the Wolf Performance Vepr. The Wolf Performance Vepr also has folding front and rear sights; the rear sights are adjustable ladder-type sights; the Wolf Performance Vepr is sold with a Weaver Tactical CIRT Scope. The heavy-profile 23-inch barrel is tipped with an A2-type flash suppressor; and is chromed and made from high-quality steel. Clearly, the Wold Performance Vept is designed for hunting, tactical sharpshooting, or sniper work. It is included here for completeness; it is, however, in game terms a sniper rifle.

Twilight 2000 Notes: The Vepr is a rare weapon in the West in the Twilight 2000 timeline. The Super Vepr and Vepr II do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Vepr (16.5" Barrel)	5.45mm Kalashnikov	3.2 kg	5, 10, 20, 30	\$581
Vepr (20.5" Barrel)	5.45mm Kalashnikov	3.3 kg	5, 10, 20, 30	\$622
Vepr (23.25" Barrel)	5.45mm Kalashnikov	3.38 kg	5, 10, 20, 30	\$651
Vepr (16.5" Barrel)	5.56mm NATO	3.33 kg	5, 10, 20, 30	\$631
Vepr (20.5" Barrel)	5.56mm NATO	3.43 kg	5, 10, 20, 30	\$673
Vepr (23.25" Barrel)	5.56mm NATO	3.51 kg	5, 10, 20, 30	\$701
Vepr (20.5" Barrel)	7.62mm Kalashnikov	3.9 kg	5, 10, 20, 30	\$915
Vepr (23.25" Barrel)	7.62mm Kalashnikov	4 kg	5, 10, 20, 30	\$944
Vepr (20.5" Barrel)	7.62mm NATO	4.44 kg	5, 10, 20, 30	\$1013
Vepr (23.25" Barrel)	7.62mm NATO	4.49 kg	5, 10, 20, 30	\$1094
Super Vepr	7.62mm Kalashnikov	3.88 kg	3, 5, 10	\$848
Super Vepr	7.62mm NATO	3.88 kg	3, 5, 10	\$1094
Super Vepr	.35 Remington	3.88 kg	3, 5, 10	\$1696
Vepr Pioneer	5.56mm NATO	3.6 kg	5, 10	\$681
Vepr Pioneer	7.62mm Kalashnikov	3.6 kg	5, 10	\$848
Vepr II (Fixed Stock, 16.5" Barrel)	5.45mm Kalashnikov	3.67 kg	5, 10, 20, 30, 40	\$566
Vepr II (Folding Stock, 20" Barrel)	5.45mm Kalashnikov	3.74 kg	5, 10, 20, 30, 40	\$602
Vepr II (Fixed Stock, 16.5" Barrel)	5.45mm Kalashnikov	3.67 kg	5, 10, 20, 30, 40	\$586
Vepr II (Folding Stock, 20" Barrel)	5.45mm Kalashnikov	3.74 kg	5, 10, 20, 30, 40	\$622
Vepr II (Fixed Stock, 16.5" Barrel)	5.56mm NATO	3.82 kg	5, 10, 20, 30	\$616
Vepr II (Folding Stock, 20" Barrel)	5.56mm NATO	3.89 kg	5, 10, 20, 30	\$653
Vepr II (Fixed Stock, 16.5" Barrel)	5.56mm NATO	3.82 kg	5, 10, 20, 30	\$636
Vepr II (Folding Stock, 20" Barrel)	5.56mm NATO	3.89 kg	5, 10, 20, 30	\$673
Vepr II (Fixed Stock, 16.5" Barrel)	7.62mm Kalashnikov	4 kg	5, 10, 20, 30, 40	\$859
Vepr II (Folding Stock, 20" Barrel)	7.62mm Kalashnikov	4.08 kg	5, 10, 20, 30, 40	\$895
Vepr II (Fixed Stock, 16.5" Barrel)	7.62mm Kalashnikov	4 kg	5, 10, 20, 30, 40	\$879
Vepr II (Folding Stock, 20" Barrel)	7.62mm Kalashnikov	4.08 kg	5, 10, 20, 30, 40	\$915
Vepr II (Fixed Stock, 16.5" Barrel)	7.62mm NATO	4.14 kg	5, 10, 20	\$1037
Vepr II (Folding Stock, 20" Barrel)	7.62mm NATO	4.22 kg	5, 10, 20	\$1073
Vepr II (Fixed Stock, 16.5" Barrel)	7.62mm NATO	4.14 kg	5, 10, 20	\$1057
Vepr II (Folding Stock, 20" Barrel)	7.62mm NATO	4.22 kg	5, 10, 20	\$1093
Wolf Performance Vepr	7.62mm Nagant	4.77 kg	5, 10, 20	\$2127

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Vepr (5.45mm, 16.5")	SA	3	1-Nil	5	2	Nil	48
Vepr (5.45mm, 20.5")	SA	3	1-Nil	6	2	Nil	64
Vepr (5.45mm, 23.25")	SA	3	1-Nil	6	2	Nil	73
Vepr (5.56mm, 16.5")	SA	3	1-Nil	5	2	Nil	43
Vepr (5.56mm, 20.5")	SA	3	1-Nil	6	2	Nil	59
Vepr (5.56mm, 23.25")	SA	3	1-Nil	6	2	Nil	69
Vepr (20.5", 7.62mm Kalashnikov)	SA	4	2-3-Nil	6	3	Nil	64
Vepr (23.25", 7.62mm Kalashnikov)	SA	4	2-3-Nil	7	3	Nil	72
Vepr (20.5", 7.62mm NATO)	SA	4	2-3-Nil	7	3	Nil	67
Vepr (23.25", 7.62mm NATO)	SA	4	2-3-Nil	7	3	Nil	80
Super Vepr (7.62mm Kalashnikov)	SA	4	2-3-Nil	7	3	Nil	66
Super Vepr (7.62mm NATO)	SA	4	2-3-Nil	7	3	Nil	71
Super Vepr (.35)	SA	5	2-3-Nil	7	4	Nil	71
Vepr Pioneer (5.56mm)	SA	3	1-Nil	6	2	Nil	63
Vepr Pioneer (7.62mm Kalashnikov)	SA	4	2-3-Nil	7	3	Nil	66
Vepr II (5.45mm, Fixed, 16.5")	SA	3	1-Nil	5	2	Nil	48

Vepr II (5.45mm, Fixed, 20")	SA	3	1-Nil	6	2	Nil	62
Vepr II (5.45mm, Folding, 16.5")	SA	3	1-Nil	4/5	2	Nil	48
Vepr II (5.45mm, Folding, 20")	SA	3	1-Nil	4/6	2	Nil	62
Vepr II (5.56mm, Fixed, 16.5")	SA	3	1-Nil	5	2	Nil	43
Vepr II (5.56mm, Fixed, 20")	SA	3	1-Nil	6	2	Nil	57
Vepr II (5.56mm, Folding, 16.5")	SA	3	1-Nil	4/5	2	Nil	43
Vepr II (5.56mm, Folding, 20")	SA	3	1-Nil	4/6	2	Nil	57
Vepr II (7.62mm Kalashnikov, Fixed, 16.5")	SA	4	2-Nil	6	3	Nil	48
Vepr II (7.62mm Kalashnikov, Fixed, 20")	SA	4	2-3-Nil	6	3	Nil	62
Vepr II (7.62mm Kalashnikov, Folding, 16.5")	SA	4	2-Nil	4/6	3	Nil	48
Vepr II (7.62mm Kalashnikov, Folding, 20")	SA	4	2-3-Nil	5/6	3	Nil	62
Vepr II (7.62mm NATO, Fixed, 16.5")	SA	4	2-3-Nil	6	3	Nil	48
Vepr II (7.62mm NATO, Fixed, 20")	SA	4	2-3-Nil	7	3	Nil	65
Vepr II (7.62mm NATO, Folding, 16.5")	SA	4	2-3-Nil	5/6	3	Nil	48
Vepr II (7.62mm NATO, Folding, 20")	SA	4	2-3-Nil	5/7	3	Nil	65
Wolf Performance Vepr	SA	4	2-3-Nil	6/8	2	Nil	83
Bipod	SA	4	2-3-Nil	6/8	1	Nil	108

Izhmash Saiga Series

Notes: Though called by the Russians a "hunting carbine," the Saiga is a full-sized rifle. The original version of the Saiga was the Saiga Self-Loading Hunting Carbine, essentially a civilianized version of the AKM introduced in 1974. The receiver and action were largely the same as that of the AKM, but the stock was modified into one with a deep pistol grip-wrist instead of a true pistol grip, and the Self-Loading Hunting Carbine was chambered for a necked-down version of the 7.62mm Kalashnikov round. The sights were identical to those of the AKM, with a barrel length of 16.34 inches and no flash suppressor.

The next version was the Saiga-7.62-01; this version uses the receiver of the AKM, and fires the 7.62mm Kalashnikov. The stock is very similar in shape to that of the Self-Loading Hunting Carbine, though it is made from polymer. The handguard is that of the AK-74, as are the sights and some other parts. Most of the parts of the Saiga-7.62-01 can be used in the AKM or AK-74 (as appropriate). As with the Self-Loading Hunting Carbine, barrel length is 16.34 inches. The Saiga-4 is very similar to the Saiga-7.62-01, but is equipped with a mount for an optical sight on the left side of the receiver, a rapid-removing firing mechanism, and an enlarged trigger guard. The wooden stock is similar to a Monte Carlo stock, with a raised cheekpiece, the and the wooden handguards have finger grooves. Original production versions of the Saiga-4 can use only 5 or 10-round magazines, but newer versions can also use 20 or 30-round magazines. The magazines are not compatible with AK-series weapons and vice versa. The barrel of the Saiga-4 is a bit longer at 19.7 inches.

The Saiga-5.6 is based on the AK-74 instead of the AKM, but is otherwise very similar to its predecessors. The Saiga-5.6 can be had with a stock like that of the Self-Loading Hunting Carbine (but with a checkered pistol grip wrist) and AKM-type handguards, or with a polymer folding stock and an elongated polymer handguard with finger grooves. In the case of the folding stock version, the firing mechanism is locked when the stock is folded; folding the stock is for storage purposes only. Barrels may be 16.75 or 20.5 inches long.

The Saiga-308 uses a modified AKM receiver; the difference id primarily in the chamber and bolt size, as the Saiga-308 fires the 7.62mm NATO cartridge. The Saiga-308 has sights appropriate to the new caliber, and barrel length is 16 or 20.5 inches. An aluminum bracket on the left side of the receiver can be used to mount telescopic sights. The proprietary magazines are polymer. The stock is of wood or polymer, as are the handguards; in either case, the stock may have a standard hunting-type or thumbhole stock, with others available. The stocks have ventilated rubber recoil pads on the butt. A similar model, the Saiga-223, fires the 5.56mm NATO round. Both were designed primarily for export.

Twilight 2000 Notes: The Self-Loading Hunting Carbine and the Saiga-4 are rare weapons in the West in the Twilight 2000 timeline. The Saiga-5.6, Saiga-308, and Saiga-223 do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Saiga Self-Loading	5.6mm Kalashnikov	3.4 kg	10	\$498
Saiga-7.62-01	7.62mm Kalashnikov	3.4 kg	5, 10	\$803
Saiga-4	7.62mm Kalashnikov	3.5 kg	5, 10	\$827
Saiga-5.6 (Wood Stock, 16.75")	5.6mm Kalashnikov	3.85 kg	10	\$502
Saiga-5.6 (Wood Stock, 20.5")	5.6mm Kalashnikov	3.97 kg	10	\$540
Saiga-5.6 (Folding Stock, 16.75")	5.6mm Kalashnikov	3.49 kg	10	\$532
Saiga-5.6 (Folding Stock, 20.5")	5.6mm Kalashnikov	3.6 kg	10	\$570
Saiga-308 (Wood Stock, 16")	7.62mm NATO	3.53 kg	5, 8, 10, 20	\$1042
Saiga-308 (Wood Stock, 20")	7.62mm NATO	3.6 kg	5, 8, 10, 20	\$1088
Saiga-308 (Polymer Stock, 16")	7.62mm NATO	3.47 kg	5, 8, 10, 20	\$1053
Saiga-308 (Polymer Stock, 20")	7.62mm NATO	3.54 kg	5, 8, 10, 20	\$1098
Saiga-223 (Wood Stock, 16")	5.56mm NATO	3.2 kg	5, 8, 10, 20, 30	\$622

Saiga-223 (Wood Stock, 20")	5.56mm NATO	3.26 kg	5, 8, 10, 20, 30	\$677
Saiga-223 (Polymer Stock, 16")	5.56mm NATO	3.14 kg	5, 8, 10, 20, 30	\$632
Saiga-223 (Polymer Stock, 20")	5.56mm NATO	3.2 kg	5, 8, 10, 20, 30	\$687

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Saiga Self-Loading	SA	3	1-Nil	5	2	Nil	46
Saiga-7.62-01	SA	4	2-Nil	6	4	Nil	46
Saiga-4	SA	4	2-3-Nil	7	4	Nil	59
Saiga-5.6 (Wood, 16.25")	SA	3	1-Nil	5	2	Nil	48
Saiga-5.6 (Wood, 20.5")	SA	3	1-Nil	6	2	Nil	62
Saiga-5.6 (Folding, 16.25")	SA	3	1-Nil	4/5	2	Nil	48
Saiga-5.6 (Folding, 20.5")	SA	3	1-Nil	4/6	2	Nil	62
Saiga-308 (16")	SA	4	2-3-Nil	6	3	Nil	44
Saiga-308 (20")	SA	4	2-3-Nil	7	3	Nil	64
Saiga-223 (16")	SA	3	1-Nil	5	2	Nil	40
Saiga-223 (20")	SA	3	1-Nil	6	2	Nil	57

TOZ-99

Notes: Also introduced in 2000, the TOZ-99 semiautomatic rimfire carbine uses recoil operation. It is very simple and robust in construction, and uses the same trigger/safety/magazine housing group as the TOZ-78. The barrel is the same length as that of the TOZ-78 at 21.125 inches, but the carbine is also lighter as well. The TOZ-78 uses the same iron sights as the TOZ-78, and also has dovetail grooves for a scope mount. A variant is the TOZ-99-01; this version has a removable barrel to allow a smaller package for storage, but is otherwise identical to the standard TOZ-99.

Twilight 2000 Notes: This carbine does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
TOZ-99	.22 Long Rifle	2.4 kg	5, 10	\$262

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
TOZ-99	SA	1	Nil	5	1	Nil	43

Alexander Arms AAR17

Notes: This AR-15 clone is usually found in its signature desert camouflage, though many other colors and patterns are available. Alexander Arms basically jumped on the bandwagon of shooters that wanted to fire less expensive rimfire ammunition, but wanted something more powerful than .22 Long Rifle or .22 Winchester Magnum Rimfire; something that was actually effective against the larger varmints and small game. The AAR17 started with a blank slate; it is not a “shrunk” AR-15, but designed from the ground up to be a .17 HMR rifle.

The AAR17 features a monolithic MIL-STD-1913 rail atop the receiver and a monolithic magazine block. The interior parts, including the bore, chamber, barrel extension, and the parts of the bolt carrier group, are chromed. Operation is by blowback instead of gas, like most rimfire rifles. The handguard is round aluminum with a sling swivel/bipod mount at the end of the handguard. The 18-inch barrel is of bull profile and is fluted to save weight and increase the cooling profile. The stock is a telescoping M4A1-type stock. The magazines are, as stated above, monoblock magazines, and are made from tough polymer, with thick walls and a waffle pattern to save weight. The magazines are molded as a single unit and have no seams or join lines. Though generally, Alexander Arms says that match or two-stage triggers are not useful on the AAR17 due to the quickness of the action, they will install a Geissele trigger group or an Alexander Arms special trigger group for those who wish a lighter trigger pull weight. If these triggers are installed, the rifle will need a heavier buffer to balance out the action.

Two versions of the AAR17 are available. The AAR17 Rifle uses a stainless steel, button-rifled barrel with straight flutes and a muzzle threaded for standard .223/5.56mm muzzle devices, including suppressors. Spiral fluting is an option, but makes no difference in game terms. (As a further note, the .17 HMR ammunition can heat up a barrel and chamber fast if lots of quick shots are fired.) Alexander Arms will deliver the AAR17 with one of two flash suppressors or compact muzzle brake (no difference to recoil in game terms). It may have the aluminum handguard stated above, a carbon fiber handguard of the same design (all three of which may be mid-length or full-length) or a handguard of near-same design, but with a MIL-STD-1913 rail (if your AAR17 Rifle has this, add 1% to the price listed below). The standard stock is an M4A1-type stock, but a Vltor Enhanced Modstock, Magpul CTR, or Adaptive Tactical EX Performance stocks are options. There are a plethora of camo patterns available (21 in all), ranging from Skulls, Muddy Girl and Kyrptek Nomad to Snow Ghost, Spring Leaf and Tru Woods, and also the solid colors of Carbon Fiber, OD Green, and Flat Dark Earth.

The AAR17 Tactical is similar, but in addition to the receiver-top MIL-STD-1913 rail, the rail has been extended about three inches onto the top of the handguard. The end of the handguard also has about four inches of rail for the installation of a BUIS or other accessory. The handguard is aluminum and full-length, with rows of large cooling holes and comes with covers installed on three sides covering M-LOK slots. The barrel is spiral-fluted and tipped with a muzzle brake which can be removed by the shooter, exposing threads compatible with .223/5.56mm muzzle devices, including a suppressor. (One of two flash suppressors are an option.) The covers may be in Manticore Snake Skin or FRAG, and KeyMod slots are an option. Finishes are limited to Black, OD Green, or Flat Dark Earth.

In all cases, the AAR17 has free-float handguards. Some shooters have noticed that the blowback system of the AAR17 can produce inconsistent velocities from the .17 HMR ammunition, and this can affect accuracy. Shooters, gunsmiths, and Alexander Arms themselves have not been able to figure out this problem. On the other hand, some shooters have been able to bag game as large as coyotes with the AAR17.

Weapon	Ammunition	Weight	Magazines	Price
AAR17 Rifle	.17 Hornady Magnum Rimfire	2.72 kg	10	\$392
AAR17 Tactical	.17 Hornady Magnum Rimfire	3.29 kg	10	\$420

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
AAR17 Rifle	SA	2	1-Nil	4/5	1	Nil	47
AAR17 Tactical	SA	2	1-Nil	4/5	1	Nil	47

Alexander Arms R175T

Notes: Another rimfire AR-15 clone, the R175T fires for more powerful .17 Hornady Magnum Rimfire cartridge. Two versions are available (actually three, but the first two are virtually identical): Standard and Monolithic. The design retains the buffer/spring/tube assembly of the AR-15, allowing for the firing of a wide variety of loads and bullet weights. (The buffer unit is heavier than an AR-15 buffer.) It also speeds up cycling time (not important by Twilight 2000 v2.2 rules). An unfortunate side effect is that the .17 round has insufficient power to lock open the bolt after the last shot. In addition, the R175T is designed specifically work with the installed hammer -and trigger, and strongly does not recommend replacing the trigger unit. (If you really want to replace the trigger unit, Alexander Arms recommends the Alexander Arms TTU or the Geiselle SSA.) The R175T has an 18-inch heavy fluted barrel tipped by an A1-type flash suppressor and a six-position sliding stock.

The monolithic version has a molded in MIL-STD-1913 rail, with the receiver rail and handguard rail joining to form one rail. The handguards on this version are of aluminum.

Weapon	Ammunition	Weight	Magazines	Price
R175T (Standard)	.17 Hornady Magnum Rimfire	4.22 kg	10	\$491

<b>R175T (Monolithic)</b>	<b>.17 Hornady Magnum Rimfire</b>	<b>4.68 kg</b>	<b>10</b>	<b>\$496</b>
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Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>R175T (Standard)</b>	SA	2	1-Nil	4/5	1	Nil	47
<b>R175T (Monolithic)</b>	SA	2	1-Nil	4/5	1	Nil	47

### AMAC .22 Carbine

Notes: This is a semiautomatic rifle patterned after the M2 Carbine. It is grooved for a scope. Like many such weapons, the US and European public had a strange fascination with M-1 Carbine clones after World War 2, and the AMAC .22 Carbine benefited from this.

Weapon	Ammunition	Weight	Magazines	Price
<b>AMAC .22 Carbine</b>	<b>.22 Long Rifle</b>	<b>2.63 kg</b>	<b>15</b>	<b>\$235</b>
<b>AMAC .22 Carbine</b>	<b>.22 Winchester Magnum Rimfire</b>	<b>2.63 kg</b>	<b>15</b>	<b>\$256</b>

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>AMAC .22 Carbine (.22 Long Rifle)</b>	SA	1	Nil	5	1	Nil	38
<b>AMAC .22 Carbine (.22 Magnum)</b>	SA	1	Nil	5	1	Nil	47

### AMT Lightning

Notes: The Lightning was first introduced in 1986 as a .22 Long Rifle "military-type" design (patterned after the Ruger 10/22), with a 17.5-inch barrel (tapered or bull), satin-finish stainless steel metalwork, and a nylon body filled with fiberglass. The rifle has a skeletal stock which folds to the right, and is made from tubular metal with a buttplate that is equipped with a ventilated rubber recoil pad. Later known as the Lightning 25/22 (for the 25-round magazine it was sold with at the time and the 22-inch barrel it used), 30-round magazines were later available, and it could also use the 10-round box magazines of other Lightnings, as well as a 50-round drum. As with all Lightning models, it has conventional iron sights as well as being grooved for a scope mount. This capacity, and the "military" looks of the weapon, quickly made it a target of the Brady Gun Bill and Assault Weapons Ban, and this original version of the Lightning was discontinued.

In 1986, a version of the Lightning called the SGH (Small Game Hunting) appeared. Though it looks like a totally different weapon, it is in fact a Lightning with a conventional wood stock and a 22 or 24-inch heavy barrel. It is no longer in production. A Small Game Hunter II version was also built; this version had a black nylon stock; the buttplate had a recoil pad, and the buttplate was removable, revealing compartments for an extra magazine, a cleaning kit, and a small knife. The barrel was a 22-inch heavy barrel. 1992 brought the Lightning Hunting Rifle, which was essentially a Small Game Hunter II chambered for the .22 Winchester Magnum Rimfire round. The magazine in both cases are internal rotary types. The Small Game Hunter II and Lightning Hunting Rifle were built until 1996. The Magnum Hunter was introduced in 1996, and is still being built by Galena; it has a 20, 22, or 24-inch free-floating heavy barrel, and a fiberglass/nylon stock with a s4.22-2.554 traight comb and no cheekpiece. The standard magazine is a 5-round internal rotary magazine, but at customer request a 10-round internal rotary magazine may be installed instead.

Twilight 2000 notes: The Magnum Hunter is an extremely rare weapon in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
<b>Lightning (Tapered Barrel)</b>	<b>.22 Long Rifle</b>	<b>2.72 kg</b>	<b>10, 25, 30, 50 Drum</b>	<b>\$286</b>
<b>Lightning (Bull Barrel)</b>	<b>.22 Long Rifle</b>	<b>2.74 kg</b>	<b>10, 25, 30, 50 Drum</b>	<b>\$291</b>
<b>Lightning 25/22 (Tapered Barrel)</b>	<b>.22 Long Rifle</b>	<b>2.72 kg</b>	<b>10, 25, 30, 50 Drum</b>	<b>\$333</b>
<b>Lightning 25/22 (Bull Barrel)</b>	<b>.22 Long Rifle</b>	<b>2.74 kg</b>	<b>10, 25, 30, 50 Drum</b>	<b>\$339</b>
<b>Lightning SGH (22" Barrel)</b>	<b>.22 Long Rifle</b>	<b>3.19 kg</b>	<b>10, 25, 30, 50 Drum</b>	<b>\$308</b>
<b>Lightning SGH (24" Barrel)</b>	<b>.22 Long Rifle</b>	<b>3.27 kg</b>	<b>10, 25, 30, 50 Drum</b>	<b>\$330</b>
<b>Lightning SGH (22" Barrel)</b>	<b>.22 Winchester Magnum Rimfire</b>	<b>3.27 kg</b>	<b>10, 25, 30, 50 Drum</b>	<b>\$350</b>
<b>Lightning SGH (24" Barrel)</b>	<b>.22 Winchester Magnum Rimfire</b>	<b>3.35 kg</b>	<b>10, 25, 30, 50 Drum</b>	<b>\$372</b>
<b>Lightning SGH II</b>	<b>.22 Long Rifle</b>	<b>2.7 kg</b>	<b>10 Internal</b>	<b>\$319</b>
<b>Lightning Hunting</b>	<b>.22 Winchester Magnum Rimfire</b>	<b>2.78 kg</b>	<b>10 Internal</b>	<b>\$361</b>
<b>Lightning Magnum Hunter (20" Barrel)</b>	<b>.22 Winchester Magnum Rimfire</b>	<b>2.72 kg</b>	<b>5 or 10 Internal*</b>	<b>\$340</b>
<b>Lightning Magnum Hunter (22" Barrel)</b>	<b>.22 Winchester Magnum Rimfire</b>	<b>2.81 kg</b>	<b>5 or 10 Internal*</b>	<b>\$360</b>
<b>Lightning Magnum Hunter (24" Barrel)</b>	<b>.22 Winchester Magnum Rimfire</b>	<b>2.88 kg</b>	<b>5 or 10 Internal*</b>	<b>\$382</b>

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Lightning (Tapered)</b>	SA	1	Nil	3/5	1	Nil	37
<b>Lightning (Bull)</b>	SA	1	Nil	3/5	1	Nil	38



Lightning 25/22 (Tapered)	SA	1	Nil	4/5	1	Nil	46
Lightning 25/22 (Bull)	SA	1	Nil	4/5	1	Nil	47
Lightning SGH (22", .22 LR)	SA	1	Nil	5	1	Nil	46
Lightning SGH (24", .22 LR)	SA	1	Nil	6	1	Nil	50
Lightning SGH (22", .22 Magnum)	SA	1	Nil	6	1	Nil	61
Lightning SGH (24", .22 Magnum)	SA	1	Nil	6	1	Nil	67
Lightning SGH II	SA	1	Nil	5	1	Nil	46
Lightning Hunting	SA	1	Nil	5	1	Nil	61
Lightning Magnum Hunter (20")	SA	1	Nil	5	1	Nil	54
Lightning Magnum Hunter (22")	SA	1	Nil	6	1	Nil	61
Lightning Magnum Hunter (24")	SA	1	Nil	6	1	Nil	67

\*If the Lightning Magnum Hunter is equipped with a 10-round magazine, add \$1 to the cost of the rifle.

AR-57

Notes: Produced by a company called, appropriately enough, AR57, the AR-57 is an AR-15A2 with a new upper receiver and barrel which allows the weapon to fire the 5.7mm FN cartridge. Certain parts of the AR-15A2 (or A3) version (with or without a sliding stock) are required to use this modification; it will not work on a stock AR-15 or AR-15A1, as it will not cycle properly, and essentially produces a bolt-action rifle. The new upper receiver comes in a version with 16.04-inch barrel or (where legal) an 11-inch-barrel SBR configuration. Both FNH and AR57 produce proper magazines for use with this configurations; though aftermarket magazines are produced by ATI and KCI, these magazines have proven prone to failure in the AR-57 conversion. The 5.7mm FN round performs quite well in the longer barrels, increasing range, stopping power and penetration (unfortunately, not measureable in Twilight 2000 terms), and the resulting conversion is slightly lighter than the standard AR-15A2 or A3. The AR-57 conversion is primarily sold as an upper receiver set and magazine well conversion and not as a complete rifle.

Weapon	Ammunition	Weight	Magazines	Price
AR-57 (Fixed Stock, 16.04" Barrel)	5.7mm FN	2.15 kg	10, 20, 30	\$425
AR-57 (Fixed Stock, 16.04" Barrel)	5.7mm FN	2.15 kg	10, 20, 30	\$445
AR-57 (Fixed Stock, 11" Barrel)	5.7mm FN	1.95 kg	10, 20, 30	\$372
AR-57 (Fixed Stock, 11" Barrel)	5.7mm FN	1.95 kg	10, 20, 30	\$392
AR-57 16.04" Upper	N/A	\$82	N/A	\$204
AR-57 11" Upper	N/A	\$75	N/A	\$179

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
AR-57 (Fixed Stock, 16.04")	SA	2	1-Nil	5	3	Nil	42
AR-57 (Fixed Stock, 16.04", HV)	SA	2	1-1-Nil	5	3	Nil	50
AR-57 (Folding Stock, 16.04")	SA	2	1-Nil	4/5	3	Nil	42
AR-57 (Folding Stock, 16.04", HV)	SA	2	1-1-Nil	4/5	3	Nil	50
AR-57 (Fixed Stock, 11")	SA	2	1-Nil	4	2	Nil	25
AR-57 (Fixed Stock, 11", HV)	SA	2	1-1-Nil	4	2	Nil	30
AR-57 (Folding Stock, 11")	SA	2	1-Nil	3/4	2	Nil	25
AR-57 (Folding Stock, 11", HV)	SA	2	1-1-Nil	3/4	2	Nil	30

Armalite AR-7 Explorer

Notes: The AR-7 was originally designed in 1958 (and manufactured from 1959-73) by Eugene Stoner as a company venture to provide US aircrews with a survival weapon. The US military asked for any such weapon, and though they were interested in it for a short time, it was quickly decided that aircrews already had enough to carry in their small survival packs, and that the AR-7 was simply too big despite its takedown configuration and generally small size. The AR-7 then acquired a niche with hunters and campers as a survival and self-defense weapon, and has been sold ever since by one company or another, though Armalite itself did not begin production again until 1999.

The original AR-7 was quite the interesting weapon. It was built almost entirely of high-impact plastic and aluminum alloy; even the barrel was aluminum alloy with a rifled, chromed steel sleeve for the bore. The receiver and barrel can be disassembled and inserted entirely within the stock and the watertight buttplate shut; in this configuration, the AR-7 will easily float, and provides a very small package for transport (only 16 inches long). The barrel of this original model was 16 inches; the receiver was quite compact, and the rifle fed by an 8-round magazine that fit flush with the front of the receiver. (The Armalite model is also able to take the higher-capacity magazines that became available with future versions of the AR-7, though they did not appear until much later.) The rear



sight was a peep-type sight with two flip apertures adjustable for elevation; the front sight is an unprotected post on a small ramp which is adjustable for windage. Armalite also produced a deluxe version of the AR-7 called the AR-7 Custom; this is essentially the same as the standard AR-7 Explorer, but had the plastic stock replaced with a hollow walnut stock which is weatherproofed and has a raised cheekpiece. (The rest of the rifle could still be stored inside the stock, and reputedly the AR-7 Custom could still float, though not as well.)

From 1973-90, the AR-7 was primarily produced by Charter Arms. (Many shooters say that this is where the quality of the AR-7 began to suffer heavily; there were lots of complaints of warping barrels, imperfections in the new aperture sights, and imperfections in the mechanism leading to frequent jamming.) When Charter Arms merged with Henry Repeating Arms in 1980, these imperfections disappeared, since the AR-7 was now being produced by the Henry side of the house. Henry Repeating Arms completely bought out the AR-7 design in 1997, calling it the Henry US Survival Rifle. During the AR-7's ownership of the AR-7, they also produced the Explorer II pistol version of the AR-7 (detailed elsewhere). Other than its early imperfections, the Charter Arms AR-7 is identical to the original plastic-stocked Armalite AR-7 Explorer for game purposes. From 1990-97, the AR-7 Explorer was also licensed to Survival Arms of Florida; this version is also identical for game purposes to the AR-7 Explorer.

In 1998, the AR-7 design was sold to (appropriately enough) to AR-7 Industries of Connecticut, and then began production by Armalite by Armlite again in 1999. (Who has the actual license is something I cannot quite figure out at present; however, as far as I can tell, Armalite is no longer selling the AR-7.) Though updated to modern standards, the AR-7 produced by AR-7 Industries is essentially the same as the original AR-7 Explorer for game purposes.

The AR-7 Explorer design was also sold to Israel, also as a pilot's survival rifle. They encountered the same problems as the US military, even after shortening the barrel to 13.5 inches. It then morphed into a civilian rifle with barrel lengths of 16 or 13.5 inches, a new (still hollow) stock with a true pistol grip (borrowed from the FAL), a front sight based on the K-98 Mauser, sling swivels, and standard drilling and tapping for scope rings. These versions were later imported in the US by BTC (the Bricklee Trading Corporation), though the version with the 13.5-inch barrel had to have a 3-inch-long muzzle brake added to the muzzle to comply with US firearms regulations. The IMI and BTC 16-inch-barrel versions are identical to the Armalite AR-7 Explorer for game shooting purposes, though there are slight weight and price differences; the others are detailed below.

Over the years, various manufacturers have produced aftermarket magazines for the AR-7, with capacities of 10, 15, 25, 30, and 50 rounds; all are stick-type box magazines. In addition, a plethora of other aftermarket accessories are also available for the AR-7, from folding stocks to wooden stocks, composite stocks, fore-ends of various of materials, and even odd accouterments such as scope mounts (including mounts like Weaver and MIL-STD-1913 rails) and foregrips. (In fact, many of the aftermarket accessories designed for the Ruger 10/22 and AMT Lightning rifle are useable by the AR-7.) Still being produced in its standard form by AR-7 Industries, the AR-7 Explorer will probably be around for a long time.

Weapon	Ammunition	Weight	Magazines	Price
Armalite AR-7 Explorer	.22 Long Rifle	1.13 kg	8 (But See Above)	\$221
Armalite AR-7 Custom	.22 Long Rifle	1.19 kg	8 (But See Above)	\$211
IMI AR-7 Explorer (16" Barrel)	.22 Long Rifle	1.15 kg	8 (But See Above)	\$224
IMI/BTC AR-7 Explorer (13.5" Barrel)	.22 Long Rifle	1.1 kg	8 (But See Above)	\$196
BTC AR-7 Explorer (13.5" Barrel)	.22 Long Rifle	1.16 kg	8 (But See Above)	\$246

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
AR-7 Explorer	SA	1	Nil	5*	2	Nil	33
AR-7 Custom	SA	1	Nil	5*	2	Nil	33
IMI AR-7 Explorer (13.5")	SA	1	Nil	4*	2	Nil	27
BTC AR-7 Explorer (13.5")	SA	1	Nil	5*	1	Nil	27

\*In its takedown/stored configuration, the AR-7 has a bulk of 3; but it *cannot be fired* in this configuration!

**Bushmaster Carbon-15 9mm Carbine**

Notes: Bushmaster bought out the Carbon-15 Arms Company in late 2004; one of the products they have produced since then based on the Carbon-15 is a 9mm carbine. The receiver is very much like a smaller version of that of an AR-15-type receiver, but of course, built from high-strength composites for both the upper and lower receivers instead of aluminum alloy (with steel reinforcement where necessary). The upper receiver is a flattop-type and has a MIL-STD-1913 rail; this rail comes equipped with a removable two-aperture flip-type rear sight (adjustable only for windage); however, the Carbon-15 9mm Carbine's close-range aperture is considered by most experts to be too large, while the long-range aperture is considered to be too small. Mechanical operation is a bit noisy, and the magazine release is a bit stiff (a workaround is to push upward while pushing in on the button). The action, however, is extremely reliable, and the Carbon-15 9mm Carbine is able to digest most 9mm Parabellum ammunition. The stock is a collapsible M-4-type stock, also made mostly of composites. Magazines are also composite, but the action, barrel, trigger and guard, and some other parts are of high-grade steel and generally dark Parkerized. The composite portions are normally sold in black, but Bushmaster also makes them in other colors, and will finish the exterior metalwork to match. There is no forward assist on the Carbon-15 9mm Carbine, and the action is blowback instead of using gas operation. The barrel is 16 inches long and tipped with an M-16A2-type flash suppressor.

Weapon	Ammunition	Weight	Magazines	Price
Carbon-15 9mm Carbine	9mm Parabellum	2.59 kg	30	\$301

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Carbon-15 9mm Carbine	SA	2	Nil	3/5	1	Nil	35

**Bushmaster A-TACS Predator Rifle**

Notes: The A-TACS is a varmint/small game hunting rifle; as such, it has the same basic features as most dedicated varminters have, such a fluted bull 20-inch rifle tipped with a target crown and made from chrome-moly steel. The base of the rifle is an AR-15, with the entire external finish being digital camouflage except for the sights and the barrel. The trigger is two-stage, with a 3.5-pound takeup and a one-pound letoff. Atop the flattop receiver is a MIL-STD-1913 rail, with buildup blocks for the front and rear of the primary rail. The handguards are of extended length, textured, and ventilated with long slots around the front and rear of the handguards.

Weapon	Ammunition	Weight	Magazines	Price
A-TACS Predator	5.56mm NATO	3.63 kg	5, 10, 20, 30	\$616

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
A-TACS Predator	SA	3	1-Nil	6	2	Nil	59

**C&S Metall-Werkes Krinker-Plinker**

Notes: Despite the sound of the company's name, C&S Metall-Werkes is a company in St. Charles, Missouri. They make various accessories for existing weapons, and one of them is the Krinker-Plinker kit for the Ruger 10/22, which turns it into a lookalike for the more modern versions of the AKS-74U. The receiver and internal parts mostly remain the same as a Ruger 10/22, though the trigger module is replaced with a full-automatic John Norrell-designed trigger pack. The exterior is dressed up to look like an AK, with a charging handle on the right, though the characteristic paddle-type selector lever is absent; instead, a switch-type selector on the left side near the trigger is used. The magazine release of the Ruger 10/22 is connected to a magazine release that is similar to that of an AK, and the furniture (made of polymer) is virtually identical to the latest iterations of the AK series. A skeletonized folding stock is used in place of the standard Ruger 10/22 stock. (Many shooters say the stock is too short, but it can be gotten used to quickly; however, the length of the stock does affect eye relief for the sights.) The barrel may be of two lengths, depending upon what licenses and money one has for licensing: an 8.5-inch barrel tipped with a flash suppressor similar to that of the AKS-74U, and a 16.1-inch barrel which is usually hidden and strengthened with a faux silencer. Both are heavy-gauge and match-grade. The 8.5-inch barrel can also have the flash suppressor removed and replaced by an actual silencer. The sights are designed to look like those of an AKS-74U, but in fact operate like those of an AR-15A2. Atop the receiver is a MIL-STD-1913 rail. The Krinker-Plinker can use any magazine compatible with a Ruger 10/22, including aftermarket magazines; C&S sells the kit with 25 round magazines.

Weapon	Ammunition	Weight	Magazines	Price
Krinker-Plinker (8.5" Barrel)	.22 Long Rifle	2.2 kg	10, 25	\$169
Krinker-Plinker (8.5" Barrel, Silenced)	.22 Long Rifle	2.42 kg	10, 25	\$213
Krinker-Plinker (16.1" Barrel)	.22 Long Rifle	2.6 kg	10, 25	\$249

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Krinker-Plinker (8.5")	5	1	Nil	2/3	1	2	17
Krinker-Plinker (8.5", Silenced)	5	1	Nil	2/4	1	2	14
Krinker-Plinker (16.1")	5	1	Nil	3/5	1	2	34

**Calico M100**

Notes: A folding-stock civilian carbine, the Calico was introduced in the US in the late 1980s and gained considerable popularity in the US and Europe. The Calico is a small, light weapon with an unusual helical-feed magazine which rests above the rear of the receiver. It is a well-balanced design, which is easily fired with one hand. It was, unfortunately, one of the first weapons to fall victim to the Brady Gun Bill, due to the high-capacity helical magazines.

Twilight 2000 Notes: The Brady Gun Bill was never passed in the Twilight 2000 World.

Weapon	Ammunition	Weight	Magazines	Price
Calico M100	.22 Long Rifle	1.91 kg	50 Helical, 100 Helical	\$241

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Calico M100	SA	1	Nil	3/4	1	Nil	33

**Calico M900S**

Notes: This is a version of the M100 (see above) designed for the 9mm Parabellum cartridge. It is very similar to that weapon, as well as the assault rifles and submachineguns based on the same design. The main difference is the longer barrel (to comply with US firearms laws), the removal of the automatic fire feature, and those changes necessary to allow the use of the larger caliber. The large magazines got it targeted early by the Brady Gun Bill and its successors. The M900S Carbine is a shorter-barreled version of the M900S; a pre-ban weapon, it has a shorter barrel and a flash suppressor.

Weapon	Ammunition	Weight	Magazines	Price
Calico M900S	9mm Parabellum	3.2 kg	50 Helical, 100 Helical	\$280
Calico M900S Carbine	9mm Parabellum	2.87 kg	50 Helical, 100 Helical	\$302

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Calico M900S	SA	2	1-Nil	5	1	Nil	36
Calico M900S Carbine	SA	2	1-Nil	3/5	1	Nil	32

### Charles Daly Field Grade .22 Semiautomatic

Notes: This weapon actually comes in two versions: The standard Field Grade, with metal parts made from chrome-molybdenum steel and a blued finish, and the Field Grade Stainless with metal parts made from stainless steel. (Both are identical for game purposes.) These rifles have hardwood stocks and are recoil-operated. They have dovetail rails for the mounting of telescopic sights, and backup iron sights which include a folding adjustable leaf rear sight.

Twilight 2000 Notes: Until 1998, this rifle was sold under the Armscor of Philippines name as the M-2000, and therefore does not exist as such in the Twilight 2000 world.

Weapon	Ammunition	Weight	Magazines	Price
Field Grade	.22 Long Rifle	2.8 kg	10	\$258

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Field Grade	SA	1	Nil	5	1	Nil	42

### Clark Gator

Notes: This AR-15 variant features a prominent Miculek muzzle brake that virtually eliminates muzzle blast and greatly reduces recoil. As the Gator was designed for competition, the brake was included to reduce shot recovery time. The Gator also has an adjustable gas system; this allows for more flexibility in ammunition loads to be used. The top of the receiver has a MIL-STD-1913 rail, while another short rail is located where the front sight post is normally located on an AR-15. This allows iron sights to be mounted, but also allows the maximum flexibility in sight and scope types. (The Gator does not come with iron sights from the factory.) The handguard is round and made from light carbon fiber, and allows the barrel to free-float. (A vented aluminum handguard is available if the buyer wishes.)

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Gator (20" Barrel)	5.56mm NATO	3.63 kg	10, 20, 30	\$1174
Gator (24" Barrel)	5.56mm NATO	3.7 kg	10, 20, 30	\$1216

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Gator (20" Barrel)	SA	3	1-Nil	6	2	Nil	58
Gator (24" Barrel)	SA	3	1-Nil	7	2	Nil	72

### CMMG Mk 4

Notes: This is sold both as a complete rifle and as an upper/bolt carrier combination which can be placed on any AR-15-type lower. The upper actually sells better than the complete rifle.

The Mk 4 PDW is a shorty version of the Mk 4. It has a MIL-STD-1913 rail atop the receiver, which locks into the rail atop the handguard. The other three positions on the handguard have RKM7 KeyMod slots, capable of mounting just about any accessory with an adapter (often, these days, included with the accessory), or even MIL-STD-1913 rails or Weaver rails. M-Lok slots in place of the KeyMod slots is an option. Between the rail/KeyMod slots are rows of cooling slots. The barrel is a short 9 inches, tipped with an A2-type flash suppressor, and the barrel is made from nitrided 4140 CrMo steel alloy. The upper, lower, and aluminum handguard is finished in Cerakote in FDE, Burnt Bronze, Midnight Bronze, Sniper Gray, and Titanium. The receivers and handguard are made of standard AR-15 7075-T6 aluminum. The stock is a Magpul MOE in polymer in the same color choices as the metalwork, adjustable with six positions. The pistol grip and trigger guard are also Magpul MOE designs.

The Mk 4 RCE has similar fit and finish and features to the Mk 4 PDW, but uses a 16-inch medium-taper barrel tipped with a CMMG SV muzzle brake (which is similar in appearance to the AK-74M's brake). The handguards are longer, with an appropriately longer length of MIL-STD-1913 rail and KeyMod or M-LOK slots down the length of the handguard. The RCE has a Geissele SSA 2-stage match-quality trigger. Instead of the Magpul MOE stock, the RCE has the very similar, but lighter Magpul CTR stock. The .22

Nosler version uses an 18-inch barrel instead of a 16-inch barrel.

The Mk 4 3GR was designed for both the novice and the veteran 3-Gun competitor. Many features and finishes of the 3GR are the same as the rest of the Mk 4 series, but the 3GR has an 18-inch 416 stainless steel medium profile barrel tipped with a CMMG SV muzzle brake. The rifle has a Geissele 2-stage match-quality trigger and is equipped with a Magpul MOE pistol grip, trigger guard and fixed stock in a club foot design. The stock has a hollow portion for batteries and tools ranging from a cleaning kit to "quick-fix" tools.

The Mk 4 B16 is designed for both designated marksmen and hunters who need a compact yet accurate rifle. The barrel is a 16-inch bull-profile stainless steel nitrided barrel tipped with a target crown. The handguards are RKM11 free-float handguards with rails like the rest of the series atop and similar handguard-length rows of KeyMod or M-LOK slots. The stock is an M4-type adjustable stock. The trigger is identical to a standard military trigger. The Mk 4 B18 is virtually the same, but it has an 18-inch barrel and the barrel is tipped with a CMMG SV muzzle brake.

The new Mk 4 S is similar to the B18, but comes with an 18, 22, or 24-inch barrel, and fires the new .22 Nosler round. The Mk 4 P is similar, but has a fixed club foot stock. The Mk 4 V2 is also similar to the Mk 4 P, but has much shorter 14-inch handguards and has barrels tipped with a target crown.

The Mk 4 HT is designed for competitions, whether accuracy or tactical competitions like 3-Gun. The barrel is an 18-inch heavy profile barrel which may be stainless steel-coated or nitrided on the 5.56mm or .300 versions, and nitrided only on the .22 LR version. All three are tipped with a target crown, and made of 4140 CrMo steel alloy. The stock and pistol grip are M4-type, and the handguards are a short 11 inches. They have a Mil-Spec trigger. The upper is an M4-type, while the lower is an AR-15-type; both are made from nitrided 7075-T6 aluminum.

The Mk 4 LE is, as the name suggests, designed for Law Enforcement use, though it is also available to civilians. It is made light and handy for maneuvering in CQB environments. It has a 16.1-inch 4140 CrMo steel alloy barrel which has a military profile and is tipped with an A2-type flash suppressor. It has an M-4-type stock, pistol grip, handguards, and front sight, with a receiver topped by a MIL-STD-1913 rail. It comes with a BUIS for a rear sight.

Weapon	Ammunition	Weight	Magazines	Price
Mk 4 PDW	.22 Long Rifle	2.4 kg	25	\$172
Mk 4 PDW	9mm Parabellum	2.4 kg	5, 10, 25, 32, 40	\$234
Mk 4 PDW	.300 Blackout	2.4 kg	5, 10, 20, 30	\$699
Mk 4 RCE	5.56mm NATO	3.04 kg	5, 10, 20, 30	\$639
Mk 4 RCE	.300 Blackout	3.04 kg	5, 10, 20, 30	\$817
Mk 4 RCE	.22 Nosler	3.14 kg	10	\$670
Mk 4 3GR	5.56mm NATO	3.18 kg	5, 10, 20, 30	\$635
Mk 4 B16	5.56mm NATO	3.27 kg	5, 10, 20, 30	\$592
Mk 4 B18	5.56mm NATO	3.5 kg	5, 10, 20, 30	\$614
Mk 4 S (18" Barrel)	.22 Nosler	2.95 kg	10	\$664
Mk 4 S (22" Barrel)	.22 Nosler	3.31 kg	10	\$707
Mk 4 S (24" Barrel)	.22 Nosler	3.4 kg	10	\$729
Mk 4 P (18" Barrel)	.22 Nosler	3 kg	10	\$644
Mk 4 P (22" Barrel)	.22 Nosler	3.36 kg	10	\$687
Mk 4 P (24" Barrel)	.22 Nosler	3.45 kg	10	\$709
Mk 4 V2 (18" Barrel)	.22 Nosler	2.9 kg	10	\$664
Mk 4 V2 (22" Barrel)	.22 Nosler	3.26 kg	10	\$707
Mk 4 V2 (24" Barrel)	.22 Nosler	3.35 kg	10	\$729
Mk 4 HT	.22 Long Rifle	3.18 kg	25	\$268
Mk 4 HT	5.56mm NATO	3.18 kg	5, 10, 20, 30	\$612
Mk 4 HT	.300 Blackout	3.18 kg	5, 10, 20, 30	\$788
Mk 4 LE	.22 Long Rifle	2.81 kg	25	\$246
Mk 4 LE	9mm Parabellum	2.81 kg	5, 10, 25, 32, 40	\$309
Mk 4 LE	5.56mm NATO	2.81 kg	5, 10, 20, 30	\$594
Mk 4 LE	.300 Blackout	2.81 kg	5, 10, 20, 30	\$776

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mk 4 PDW (.22)	SA	1	Nil	2/3	1	Nil	17
Mk 4 PDW (9mm)	SA	2	Nil	2/3	1	Nil	19
Mk 4 PDW (.300)	SA	3	2-Nil	3/5	3	Nil	19
Mk 4 RCE (5.56mm)	SA	3	1-Nil	4/5	2	Nil	41
Mk 4 RCE (.300)	SA	3	2-Nil	4/6	3	Nil	45
Mk 4 RCE (.22 Nosler)	SA	3	1-1-Nil	4/6	2	Nil	58
Mk 4 3GR	SA	3	1-Nil	6	2	Nil	47
Mk 4 B16	SA	3	1-Nil	4/5	2	Nil	42
Mk 4 B18	SA	3	1-Nil	4/6	2	Nil	50
Mk 4 S (18" Barrel)	SA	3	1-1-Nil	5/6	2	Nil	60



<b>Mk 4 S (22" Barrel)</b>	SA	3	1-1-Nil	5/7	2	Nil	79
<b>Mk 4 S (24" Barrel)</b>	SA	3	1-1-Nil	6/7	2	Nil	87
<b>Mk 4 P (18" Barrel)</b>	SA	3	1-1-Nil	6	2	Nil	60
<b>Mk 4 P (22" Barrel)</b>	SA	3	1-1-Nil	6	2	Nil	79
<b>Mk 4 P (24" Barrel)</b>	SA	3	1-1-Nil	6	2	Nil	87
<b>Mk 4 V2 (18" Barrel)</b>	SA	3	1-1-Nil	5/6	2	Nil	60
<b>Mk 4 V2 (22" Barrel)</b>	SA	3	1-1-Nil	5/7	2	Nil	79
<b>Mk 4 V2 (24" Barrel)</b>	SA	3	1-1-Nil	6/7	2	Nil	87
<b>Mk 4 HT (.22 LR)</b>	SA	1	Nil	3/5	1	Nil	38
<b>Mk 4 HT (5.56mm)</b>	SA	3	1-Nil	4/6	3	Nil	49
<b>Mk 4 HT (.300 Blackout)</b>	SA	4	2-Nil	5/6	4	Nil	53
<b>Mk 4 LE (.22 LR)</b>	SA	1	Nil	3/4	1	Nil	34
<b>Mk 4 LE (9mm)</b>	SA	2	1-Nil	3/5	1	Nil	36
<b>Mk 4 LE (5.56mm)</b>	SA	3	1-Nil	4/6	3	Nil	41
<b>Mk 4 LE (.300)</b>	SA	3	2-Nil	5/6	4	Nil	46

### Colt Colteer Semiautomatic

Notes: This semiautomatic rimfire rifle is a very simple design, fed from a tubular magazine rather than a box magazine. It was built for about 10 years between the mid-1960s and mid-1970s, and about 25,000 were manufactured. It is about as simple a semiautomatic rifle as possible. Two variants were built; the Colteer Courier, with a pistol grip stock (identical in game terms), and the Colteer Stagecoach, with short 16.5-inch barrel, and side plates with an engraved stagecoach hold-up scene; about 25,000 of these were also built.

Weapon	Ammunition	Weight	Magazines	Price
<b>Colteer</b>	.22 Long Rifle	2.2 kg	15 Tubular	\$245
<b>Colteer Stagecoach</b>	.22 Long Rifle	2.11 kg	13 Tubular	\$215

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Colteer</b>	SA	1	Nil	5	1	Nil	40
<b>Colteer Stagecoach</b>	SA	1	Nil	4	1	Nil	34

### DoubleStar STAR-15 STARCAR/Dissipator

Notes: This is an arms venture by DoubleStar Corporation. The STARCAR and Dissipator are basically two of their versions of AR-15A2 rifles. The STARCAR is a basic semiautomatic version of the M-4 assault rifle; the automatic fire capability has been removed, the carrying handle replaced by a Picatinny Rail, the bayonet lug removed, and the flash suppressor replaced by a pepperpot-type muzzle brake that passes US arms regulations. The Dissipator is the same, except that it uses full-length AR-15A2 handguards with the front sight post moved accordingly (so it is almost at the muzzle). It also normally still has the familiar carrying handle.

Twilight 2000 Notes: This weapon does not exist in the Twilight 2000 timeline.

Merc 2000 Notes: The Merc 2000 versions of these weapons are almost identical, but they still have the standard flash suppressor as an option, as well as the bayonet lug. In addition, they are normally sold with 20 or 30 round magazines.

Weapon	Ammunition	Weight	Magazines	Price
<b>STARCAR</b>	5.56mm NATO	3.22 kg	10, 20, 30	\$630
<b>Dissipator</b>	5.56mm NATO	3.42 kg	10, 20, 30	\$630

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>STARCAR</b>	SA	3	1-Nil	4/5	2	Nil	40
<b>Dissipator</b>	SA	3	1-Nil	4/5	2	Nil	40

### DoubleStar Supermatch

Notes: Though specifically designed for target shooters, this rifle would find equal utility as a sniper rifle or designated marksman's rifle. The barrel is a bull profile barrel and made from stainless steel, in addition to being cold forged. The barrel is tipped by a target crown, and the barrel may be 20 or 24 inches with a 1x8 or 1x10 twist (at the owner's option). The barrel may, at the owner's option, be finished with black nitride; other options include a fluted barrel, a ported barrel, a Timney trigger pack, a KNC Non-Rotational Hammer Trigger Pin set. and an Ace SOCOM Long Stock (non-collapsing). Normal caliber is 7.62mm NATO, 6.8mm SPC, and 6.5mm Grendel, and 5.56mm NATO. The top of the receiver and handguards form a continuous MIL-STD-1913 rail, including the gas block. The rest of the handguards are round and aluminum.

The stats below are for the standard rifle, Timney trigger, and the KNC hammer. A second entry includes a ported barrel. Both include a collapsible stock.

Weapon	Ammunition	Weight	Magazines	Price
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Supermatch (20" Barrel)	7.62mm NATO	4.42 kg	5, 10, 20	\$1024
Supermatch (20" Barrel)	6.8mm SPC	3.85 kg	5, 10, 20, 30	\$737
Supermatch (20" Barrel)	6.5mm Grendel	3.69 kg	5, 10, 20, 30	\$669
Supermatch (20" Barrel, Ported)	7.62mm NATO	4.42 kg	5, 10, 20	\$1048
Supermatch (20" Barrel, Ported)	6.8mm SPC	3.85 kg	5, 10, 20, 30	\$762
Supermatch (20" Barrel, Ported)	6.5mm Grendel	3.69 kg	5, 10, 20, 30	\$719
Supermatch (24" Barrel)	7.62mm NATO	4.59 kg	5, 10, 20	\$1097
Supermatch (24" Barrel)	6.8mm SPC	4 kg	5, 10, 20, 30	\$810
Supermatch (24" Barrel)	6.5mm Grendel	3.84 kg	5, 10, 20, 30	\$742
Supermatch (24" Barrel, Ported)	7.62mm NATO	4.59 kg	5, 10, 20	\$1122
Supermatch (24" Barrel, Ported)	6.8mm SPC	4 kg	5, 10, 20, 30	\$835
Supermatch (24" Barrel, Ported)	6.5mm Grendel	3.84 kg	5, 10, 20, 30	\$767

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Supermatch (20" Barrel, 7.62mm)	SA	4	2-3-Nil	5/6	3	Nil	53
Supermatch (20" Barrel, 6.8mm)	SA	3	1-2-Nil	4/6	2	Nil	64
Supermatch (20" Barrel, 6.5mm)	SA	3	1-2-Nil	4/6	2	Nil	64
Supermatch (20" Barrel, 7.62mm, Ported)	SA	4	2-3-Nil	5/6	3	Nil	53
Supermatch (20" Barrel, 6.8mm, Ported)	SA	3	1-2-Nil	4/6	2	Nil	64
Supermatch (20" Barrel, 6.5mm, Ported)	SA	3	1-2-Nil	4/6	2	Nil	64
Supermatch (24" Barrel, 7.62mm)	SA	4	2-3-Nil	6/7	4	Nil	87
Supermatch (24" Barrel, 6.8mm)	SA	3	1-2-Nil	6/7	3	Nil	97
Supermatch (24" Barrel, 6.5mm)	SA	3	1-2-Nil	5/7	3	Nil	92
Supermatch (24" Barrel, 7.62mm, Ported)	SA	4	2-3-Nil	6/7	3	Nil	87
Supermatch (24" Barrel, 6.8mm, Ported)	SA	3	1-2-Nil	6/7	3	Nil	97
Supermatch (24" Barrel, 6.5mm, Ported)	SA	3	1-2-Nil	5/7	3	Nil	92

**DPMS Panther .22LR Series**

Notes: These weapons were designed for a variety of purposes, ranging from inexpensive training and practice to accurate varmint hunting. They are all built on the DPMS Panther pattern (an AR-15 clone), and typically have heavy, match, or bull barrels.

The basic Panther .22LR has a floating bull barrel and a round aluminum handguard. It has no iron sights; instead, the upper receiver is topped with a MIL-STD-1913 rail for the mounting of a telescopic sight or other optics. It is primarily meant for varmint hunting, and is quite accurate for its type of rifle.

The Panther .22LR CMP was designed for those who use AR-15-type weapons to cheaply practice without the expense of firing mounds of more expensive 5.56mm NATO ammunition. It is basically a .22 Long Rifle-firing weapon that mimics as much as possible



a competition-type AR-15 rifle (especially the DPMS 5.56mm Panther series). The .22LR CMP has a heavy stainless steel match floating barrel and sights made for a .22 Long Rifle round instead of 5.56mm NATO. The sling swivel is attached to the float tube instead of the front sight assembly. The magazines are housed inside a nylon shell and fit instead of a standard-sized magazine well. The trigger is match-grade two-stage.

The Panther AP4 Training Rifle is, as the name suggests, designed for inexpensive training for users of AR-15-type rifles. There are two variants, the Pre-Ban and Post-Ban versions; the Pre-Ban version is currently sold only to law-enforcement and military interests and includes an M-16-style flash suppressor and a telescoping M-4 style stock, as well as a flat-top receiver with a MIL-STD-1913 rail and a detachable carrying handle. The Post-Ban version is available to civilians and is virtually identical to the Pre-Ban version, but has no flash suppressor and the M-4-style stock is locked at the standard length for an M-16-type stock.

The .22 Bull Barrel is designed for varmint and small game hunting, it features a bull-profile barrel of 16, 22, or 24 inches. There is no flash suppressor, but it does have a target crown. It uses a blowback operating system instead of gas operation; shooters say that the action is “super smooth.” Internally, the action is said to be very much like the Ruger 10/22. The bolt is stainless steel and the rifle is finished in Melonite. It has what looks like a forward assist, but this is a dummy plug. The standard AR-15 bolt catch is present and operates normally on the .22 Bull Barrel. The near-standard charging handle is present and also works like that of an AR-15 (though internally, charging is very different); the charging handle is a bit shorter than a standard AR-15 handle. Atop the receiver is a monolithic Picatinny rail. The stock and pistol grip are standard A2; the handguards are a grooved aluminum tube with a very short Picatinny rail atop the gas block.

Twilight 2000 Notes: These weapons do not exist.

Weapon	Ammunition	Weight	Magazines	Price
Panther .22 LR	.22 Long Rifle	3.54 kg	10	\$232
Panther .22 LR CMP	.22 Long Rifle	3.95 kg	10	\$294
Panther AP4 (Pre-Ban)	.22 Long Rifle	3.02 kg	10	\$241
Panther AP4 (Post-Ban)	.22 Long Rifle	2.97 kg	10	\$220
.22 Bull Barrel (16” Barrel)		3.31 kg	10	\$225
.22 Bull Barrel (22” Barrel)		4.03 kg	10	\$288
.22 Bull Barrel (24” Barrel)		4.45 kg	10	\$308

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Panther .22LR	SA	1	Nil	5	1	Nil	36
Panther .22LR CMP	SA	1	Nil	6	1	Nil	42
Panther AP4 (Pre-Ban)	SA	1	Nil	4/5	1	Nil	33
Panther AP4 (Post-Ban)	SA	1	Nil	5	1	Nil	33
.22 Bull Barrel (16”)	SA	1	Nil	5	1	Nil	34
.22 Bull Barrel (22”)	SA	1	Nil	6	1	Nil	46
.22 Bull Barrel (24”)	SA	1	Nil	7	1	Nil	50

DPMS Panther Race Gun

Notes: This is a version of the Panther .223 designed specifically for competitive target shooting. It doesn't look much like a normal Panther rifle, but shares the same lineage. The Race Gun has a free-floating stainless steel bull barrel a full 24 inches long, fluted with black Teflon in the flutes, inside “Hot Rod” aluminum hemispherical handguards and a palm rest. The pistol grip also has a palm rest, and is ergonomically shaped. The rifle includes micro-adjustable competition optical sights. The upper receiver is of polished aluminum, with a low flattop design. The lower receiver includes an adjustable trigger group. The stock is a skeletonized type known as “Ironstone” with brass weights for that perfect balance. Under the handguard is a stud for a bipod (not included in the cost of the rifle). The Race Gun is basically a Panther maxed out for accuracy.

Twilight 2000 Notes: This is a very rare weapon.

Weapon	Ammunition	Weight	Magazines	Price
Panther Race Gun	5.56mm NATO	7.26 kg	5, 10, 20, 30	\$796

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Panther Race Gun	SA	3	1-Nil	7	2	Nil	85

DSA Predator

Notes: This is a modernization of the basic FN-FAL design, designed primarily for the civilian market, but also useful as a battle rifle. The upper receiver is machined from a solid chunk of 4140 steel, and is quite strong. The lower receiver is also machined from a billet of solid metal, this time of 7075 T6 aircraft-quality aluminum. The barrel is medium-weight match grade barrel made from chrome-molybdenum steel, fluted on the front third, and tipped with a target crown. Most of the furniture is of black fiberglass-reinforced plastic. Sights are standard FAL sights, though the Predator also has a MIL-STD 1913 rail for optics mounting. The Predator deletes the normal FAL carrying handle; this small deletion strengthens the receiver and leaves the area clear for large scopes and optics. The Predator is a little heavy, but this contributes to stability.

Twilight 2000 Notes: This rifle does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Predator (16" Barrel)	.243 Winchester	4.08 kg	5, 10	\$695
Predator (19" Barrel)	.243 Winchester	4.22 kg	5, 10	\$726
Predator (16" Barrel)	.260 Remington	4.62 kg	5, 10	\$917
Predator (19" Barrel)	.260 Remington	4.78 kg	5, 10	\$948
Predator (16" Barrel)	7.62mm NATO	4.94 kg	5, 10, 20	\$984
Predator (19" Barrel)	7.62mm NATO	5.11 kg	5, 10, 20	\$1014

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Predator (16", .243)	SA	3	2-Nil	5	2	Nil	37
Predator (19", .243)	SA	3	2-Nil	6	2	Nil	48
Predator (16", .260)	SA	3	2-Nil	6	3	Nil	32
Predator (19", .260)	SA	4	2-Nil	6	3	Nil	42
Predator (16", 7.62mm)	SA	4	2-3-Nil	6	3	Nil	44
Predator (19", 7.62mm)	SA	4	2-3-Nil	6	3	Nil	58

**Excel Arms Accelerator Rifle**

Notes: Big brother to the Accelerator Pistol, this rifle is named for the high-velocity rimfire cartridges it fires. The Accelerator Rifle is constructed largely from high-strength 17-4 stainless steel, with a polymer skeletonized pistol grip stock and an aluminum shroud for the action that incorporated a Weaver rail in order to mount a large variety of scopes, sights, and optical accessories. The Accelerator Rifle uses a firing pin safety as well as a manual safety switch. The magazines used are the same as those of the Accelerator Pistol, and if bought from the manufacturer, the rifle comes with a cable lock.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
MR-17	.17 Hornady Magnum Rimfire	3.63 kg	9	\$339
MR-22	.22 Winchester Magnum Rimfire	3.63 kg	9	\$261

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
MR-17	SA	2	1-Nil	5	1	Nil	46
MR-22	SA	1	Nil	5	1	Nil	46

Feather USA RAV-9/RAV-45

Notes: This is a pistol-caliber carbine designed for both plinking and hunting. It is the big brother to the RAV-22 (US Small Caliber Rifles). The magazines for the 9mm version are modified Uzi magazines, plus a special 10-round version made during the Brady Gun Ban period; the magazines for the .45 ACP model are modified Thompson stick magazines, plus special 10 and 20-round magazines. The weapon is largely made from aluminum alloy, with a stainless steel barrel and polymer grips (and in the fixed-stock version, the stock). The stock may be a fixed AR-15-type, a sliding M-4-type, or a sliding wire stock. The barrel may or may not have a flash suppressor or muzzle brake. (Add \$5 for the version with a flash suppressor; the version with a muzzle brake has its own lines on the tables below.) The barrel may have a barrel shroud, handguards, or be left bare. The rifle carbine is drilled and tapped to accept virtually any sort of optics/accessory mount, including a MIL-STD-1913 or Weaver rail. The barrel may be heavy or standard; the heavy barrels versions may or may not have a Harris-type bipod. The RAV-9 and RAV-45 may be broken down for storage; removing the barrel takes a minute, the stock another minute, and the bipod (if present) another minute.

Twilight 2000 Notes: These carbines do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
RAV-9 (Fixed Stock)	9mm Parabellum	2.27 kg	10, 20, 25, 32	\$289
RAV-9 (Folding Stock)	9mm Parabellum	2.27 kg	10, 20, 25, 32	\$309
RAV-9 (Heavy Barrel, Fixed Stock)	9mm Parabellum	2.3 kg	10, 20, 25, 32	\$318
RAV-9 (Heavy Barrel, Folding Stock)	9mm Parabellum	2.3 kg	10, 20, 25, 32	\$338
RAV-9 (High Accuracy, Fixed Stock)	9mm Parabellum	3.14 kg	10, 20, 25, 32	\$722
RAV-9 (High Accuracy, Folding Stock)	9mm Parabellum	3.14 kg	10, 20, 25, 32	\$742
RAV-45 (Fixed Stock)	.45 ACP	2.52 kg	10, 20, 30	\$368
RAV-45 (Folding Stock)	.45 ACP	2.52 kg	10, 20, 30	\$388
RAV-45 (Heavy Barrel, Fixed Stock)	.45 ACP	2.55 kg	10, 20, 30	\$377
RAV-45 (Heavy Barrel, Folding Stock)	.45 ACP	2.55 kg	10, 20, 30	\$397
RAV-45 (High Accuracy, Fixed Stock)	.45 ACP	3.48 kg	10, 20, 30	\$802
RAV-45 (High Accuracy, Folding Stock)	.45 ACP	3.48 kg	10, 20, 30	\$822

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
RAV-9 (Fixed Stock)	SA	2	Nil	5	1	Nil	38
RAV-9 (Folding Stock)	SA	2	Nil	3/5	1	Nil	38
RAV-9 (Heavy, Fixed Stock)	SA	2	Nil	5	1	Nil	40
RAV-9 (Heavy, Folding Stock)	SA	2	Nil	3/5	1	Nil	40
RAV-9 (High Accuracy, Fixed Stock)	SA	2	Nil	5	1	Nil	40
(High Accuracy, Bipod)	SA	2	Nil	5	1	Nil	52
RAV-9 (High Accuracy, Folding Stock)	SA	2	Nil	3/5	1	Nil	40
(High Accuracy, Bipod)	SA	2	Nil	3/5	1	Nil	52
RAV-45 (Fixed Stock)	SA	2	2-Nil	5	2	Nil	40
RAV-45 (Folding Stock)	SA	2	2-Nil	3/5	2	Nil	40
RAV-45 (Heavy, Fixed Stock)	SA	2	2-Nil	5	2	Nil	43
RAV-45 (Heavy, Folding Stock)	SA	2	2-Nil	3/5	2	Nil	43
RAV-45 (High Accuracy, Fixed Stock)	SA	2	2-Nil	5	2	Nil	43
(High Accuracy, Bipod)	SA	2	2-Nil	5	1	Nil	56
RAV-45 (High Accuracy, Folding Stock)	SA	2	2-Nil	5	2	Nil	43
(High Accuracy, Bipod)	SA	2	2-Nil	5	1	Nil	56

Feather USA RAV-22

Notes: This is a lightweight carbine designed primarily for plinking or varmint hunting, and for people who want a futuristic/cool-looking weapon to do it with. The RAV-22 is a semiautomatic carbine built primarily of aluminum alloy and with a variety of folding stocks and barrels, including a sliding wire stock and standard barrel or heavy bull barrel; a Carr sliding tactical stock (similar to that of the M-4) and standard or heavy bull barrel; and a version with a sliding wire or Carr stock, heavy bull barrel, and a Harris-type bipod. All of these versions are drilled and tapped for the attachment of any sort of scope, optics, or accessory mount, including the MIL-STD-1913 rail. The RAV-22 may be broken down for storage; removing the barrel takes one minute, the stock another minute, and (if present) the bipod takes another minute.

Twilight 2000 Notes: This carbine does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
RAV-22 (Standard Barrel)	.22 Long Rifle	1.36 kg	8, 16, 20	\$250
RAV-22 (Heavy Barrel)	.22 Long Rifle	1.38 kg	8, 16, 20	\$259
RAV-22 (High Accuracy)	.22 Long Rifle	1.98 kg	8, 16, 20	\$683

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
RAV-22 (Standard Barrel)	SA	1	Nil	3/4	1	Nil	35
RAV-22 (Heavy Barrel)	SA	1	Nil	3/4	1	Nil	37
RAV-22 (High Accuracy)	SA	1	Nil	3/4	1	Nil	37
RAV-22 (High Accuracy, Bipod)	SA	1	Nil	3/4	1	Nil	48

### Federal Engineering XC-220

Notes: This is a futuristic-looking rifle with all-steel construction. The XC-220 can be easily disassembled and was often seen in B-movies simulating a high-tech weapon. The XC-220 has a scope mount. The muzzle brake, though functional, is largely superfluous due to the light caliber of the XC-220; however, there is almost no muzzle blast whatsoever.

Weapon	Ammunition	Weight	Magazines	Price
XC-220	.22 Long Rifle	3.4 kg	28	\$263

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
XC-220	SA	1	Nil	5	1	Nil	34

### FIE Black Beauty

Notes: This is a semiautomatic rifle made from highly polished black nylon. The weapon is grooved for a scope mount, and has friction-free parts that require no lubrication.

Weapon	Ammunition	Weight	Magazines	Price
Black Beauty	.22 Long Rifle	1.8 kg	14 Internal	\$257

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Black Beauty	SA	1	Nil	5	1	Nil	40

### Harrington & Richardson Model 60

Notes: This was an attempt to turn the abortive Reising submachinegun into a civilian rifle. The caliber remained unchanged, but the stock was changed to a more conventional pistol grip wrist half-stock, and the barrel was lengthened to 18.3 inches. A spring-leaf sight was attached to the rear of the receiver, but the front sight was the same as that of the Reising submachinegun. The Model 60 was produced for less than two years from 1944-46 and was not successful; they are exceedingly rare collectors' items these days.

Weapon	Ammunition	Weight	Magazines	Price
Model 60	.45 ACP	3.22 kg	12, 20	\$378

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 60	SA	2	2-Nil	5	2	Nil	44

### Harrington & Richardson Model 65

Notes: This is basically a .22 Long Rifle-firing M-1 Garand, used as a training rifle by the US Marines for a short time during World War 2. It was also sold on the civilian market as the General. It had a 23-inch heavy barrel and a detachable magazine. The Model 150 Leatherneck was a more realistic trainer; it had a 22-inch normal barrel and a magazine restricted to 5 rounds. (The Model 151 was a minor variant of the Model 150 – it had an adjustable Redfield rear sight instead of the simple peep sight of the rest of the series.) The Model 165 Leatherneck was primarily built for the civilian market, and had a standard 23-inch barrel and a 10-round magazine. Available until 1961, the Model 165 also had the Redfield rear sight.

Max Atchisson, who had designed the Model 65, also had another brainstorm – conversion of the Model 65 to a selective fire weapon. Essentially, it was primarily one of those projects Mr. Atchisson often did just for the heck of it, and he only made three of them. The resulting weapon was so light in weight that it could be used as a small-caliber submachinegun – yet with the folding bipod (which he also added just for the heck of it), it could be used as an automatic rifle trainer. However, he never intended to sell the design to anyone; it was just an experiment for fun.

The operation of Max Atchisson's conversion uses basically the same operation as the standard Model 65, only slightly modified to produce selective fire. A whole set of larger magazines were made for the weapon, mostly by modifying other magazines (and sometimes by soldering two together); in addition, Atchisson designed his modified weapon to feed from the drum magazines of the American-180 submachinegun. The long bolt of the base Model 65 means that Atchisson's modified weapon has a relatively slow rate of fire, and even when set on automatic, one can easily squeeze off single shots or short bursts with a little practice. Atchisson's modification used a micrometer-adjustable rear aperture sight and a standard Model 65 front sight; in addition, it is drilled and tapped for a scope mount.

Weapon	Ammunition	Weight	Magazines	Price
Model 65	.22 Long Rifle	4.08 kg	10	\$292
Model 150	.22 Long Rifle	3.29 kg	5	\$276

<b>Model 165</b>	.22 Long Rifle	3.49 kg	10	\$286
<b>Atchisson Model 65</b>	.22 Long Rifle	3.6 kg	10, 20, 30, 177 Drum, 275 Drum	\$802

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Model 65</b>	SA	1	Nil	6	1	Nil	47
<b>Model 150</b>	SA	1	Nil	5	1	Nil	45
<b>Model 165</b>	SA	1	Nil	5	1	Nil	46
<b>Atchisson Model 65</b>	5	1	Nil	5	1	1	47
<b>With Bipod</b>	5	1	Nil	1	1	1	61

**Harrington & Richardson Model 360 Ultra**

Notes: This efficient and easy to take care of rifle was quite popular in its day (1965-78 in production). It was originally known as the Model 308, denoting its caliber of 7.62mm NATO (.308 Winchester), but the name was changed when an option of a .243 Winchester chambering was added in 1967.

The Model 360 used a very efficient method of gas operation, with a rotating bolt. Metalwork was largely of steel, with various finishes available. The stock had a half-length fore-end tipped with a rosewood cap and a pistol grip wrist. The comb of the stock was of a roll-over design with a hard rubber buttplate. The rear sight was a ramp-type Williams design.

Weapon	Ammunition	Weight	Magazines	Price
<b>Model 360 Ultra</b>	.243 Winchester	3.38 kg	3	\$746
<b>Model 360 Ultra</b>	7.62mm NATO	3.91 kg	3	\$1035

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Model 360 Ultra (.243)</b>	SA	3	2-Nil	7	3	Nil	60
<b>Model 360 Ultra (7.62mm)</b>	SA	4	2-3-Nil	7	4	Nil	72

**Harrington & Richardson Model 700**

Notes: At the time of its inception (1977), this was the only US-built semiautomatic rifle to chamber the .22 Winchester Magnum Rimfire cartridge. It has a walnut-stock with a pistol grip, a rollover comb, and a squared fore-end. The barrel was 22 inches long, and the rear sight was a simple, though adjustable, folding rear notch-type sight. It was unfortunately made in too small numbers to achieve very great market penetration, despite critical acclaim; .22 Winchester Magnum Rimfire ammunition was also somewhat expensive at the time, and the Model 700 was withdrawn after 6 years without many being built.

A deluxe version, the Model 700DL, was also built; this version used select walnut stocks with checkering on the pistol grip wrist and fore-end. It is identical to the standard Model 700 for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
<b>Model 700</b>	.22 Winchester Magnum Rimfire	2.95 kg	5, 10	\$292

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Model 700</b>	SA	1	Nil	5	1	Nil	57

**Harrington & Richardson Model 800 Lynx**

Notes: This simple rimfire autoloader had less than two years of production from 1958-60 before it was abandoned. It was basically a standard sort of rimfire rifle, with a half-stock and a Monte Carlo comb. The comb sloped upwards towards the butt, giving it a sort of “straight-line” recoil path and making it somewhat easier to use with low-profile optics. The barrel was 22 inches long, and the sights consisted of a rear spring-leaf and elevator and a front blade. In a market saturated with such rifles, it did not do well, and was withdrawn in 1960.

Weapon	Ammunition	Weight	Magazines	Price
<b>Model 800 Lynx</b>	.22 Long Rifle	2.72 kg	5, 10	\$276

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Model 800 Lynx</b>	SA	1	Nil	5	1	Nil	45

**Hi-Point 995/4095 Carbines**

Notes: These two carbines are similar in form; they are carbines firing pistol cartridges and made mostly of high-impact polymers. They are fed from magazines that fit into the pistol grip (though they are not pistol magazines), and are designed to use a wide variety of optical accessories or laser pointing modules. The carbines are considered to have excellent accuracy and workmanship, but they are not necessarily pretty weapons. The 4095 carbine is slightly larger and heavier, with a somewhat longer barrel; both come with a removable compensator, but this does not really affect recoil that much (in game terms). Both are rated for the firing of +P and +P+ ammunition (including the type of +P+ loads sold only to law enforcement and military concerns). Depending on the sight mounts that



are ordered by the buyer (they may range from none other than iron sights to a MIL-STD-1913 rail), the Hi-Point Carbines may mount a variety of optics and scopes.

ATI makes the HIP Proline Package for the Hi-Point carbines; this consists of a skeletonized stock joining the pistol grip to the stock, a MIL-STD-1913 rail that spans from the upper receiver to the end of the handguard, 2-inch long side MIL-STD-1913 rails for the handguards, and a 6-inch-long MIL-STD-1913 rail on the bottom of the handguard. This package adds 0.3 kg to the weight of the weapon and 0.05% to the cost.

Recently, Hi-Point introduced a tricked-out version in .45 ACP, called the 4595TS. This version has a skeletonized stock with a solid cheekpiece and a buttplate adjustable for length of pull. The cheekpiece looks adjustable, but isn't. The top of the receiver has a MIL-STD-1913 rail, and a shorter length of rail is found underneath the fore-end. On the sides are still shorter lengths of rail, and these are extra-wide so more accessories can be attached. Most of the external construction is of polymer, and the pistol grip and trigger guard are of one piece with the rest of the lower receiver. Left and right-handed shooters are accommodated by ambidextrous controls and a bolt handle that can be attached to for left or right side. Unfortunately, the magazine release button is not in range of the hand on the pistol grip, an inconvenience. The rear sight is an adjustable rear aperture sight in a ghost ring configuration and a tall triangular front sight post.

Twilight 2000 Notes: The 4095 does not exist in the Twilight 2000 timeline, nor does the 4095-Comp or the 995-Comp; the HIP Proline Package also does not exist, nor does the 4595TS.

Weapon	Ammunition	Weight	Magazines	Price
Hi-Point 995	9mm Parabellum	2.61 kg	10	\$284
Hi-Point 995 (Compensated)	9mm Parabellum	2.65 kg	10	\$334
Hi-Point 4095	.40 Smith & Wesson	2.99 kg	10	\$334
Hi-Point 4095 (Compensated)	.40 Smith & Wesson	3.04 kg	10	\$384
Hi-Point 4595TDS	.45 ACP	3.18 kg	9	\$378

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Hi-Point 995	SA	2	2-Nil	5	1	Nil	37
Hi-Point 995 (Compensated)	SA	2	2-Nil	5	1	Nil	37
Hi-Point 4095	SA	2	1-Nil	5	2	Nil	42
Hi-Point 4095 (Compensated)	SA	2	1-Nil	5	2	Nil	42
Hi-Point 4595TS	SA	2	2-Nil	5	2	Nil	42

IO STG-2000-C

Notes: InterOrdnance was established in 1995, originally to import civilianized AK-47s and AKMs into the US from former East German stocks in Germany. In their first decade of operation, they experienced major difficulties with the German end of their operation, a spurious but lengthy lawsuit versus the BATF over some imported L-1A1 rifles that the BATF claimed (incorrectly) didn't adhere to US firearms laws, and exporters overseas that were basically selling them junk in some cases. Despite these problems, they established a reputation as a source of quality civilianized AKs, and in 2005, reorganized as IO Incorporated.

The STG-2000-C is one of the current iterations of their AKs. This rifle has an interesting history – it is based on the Wieger STG-940, which was a greatly-modernized version of the AKM that East Germany planned to put into production shortly before the fall of the Iron Curtain scuttled those plans. The STG-2000-C uses polymers for the handguards (which are of a modern appearance and design), the ergonomic pistol grip, and the stock (which is also of a more modern design that is more ergonomic than that of the AK). Partially to satisfy US firearms importation laws, but mostly to ensure product quality, the STG-2000-C is built almost entirely of parts made in the US. The parts of which the STG-2000-C are of better quality than those of actual AKs, and a CNC scope rail is included for optics. The 16.25-inch barrel is tipped with a birdcage A2-type flash suppressor, and the barrels are almost match-quality. The STG-2000-C will accept almost any magazine that will fit into an AK or AK clone (of the appropriate caliber), but IO also makes polymer magazines for the STG-2000-C. Chambering at present is only in 7.62mm Kalashnikov or a .22 Long Rifle-firing version, but IO recently told *Small Arms Review* that future plans for the STG-2000-C include 5.45mm Kalashnikov and 5.56mm NATO versions, and I have included speculative stats below. The receivers, barrels, sights, and trigger groups are uniformly finished in black, but the polymer parts may be black, desert tan, or pink (the “Pink Lady” version).

Weapon	Ammunition	Weight	Magazines	Price
STG-2000-C	7.62mm Kalashnikov	3.18 kg	10, 20, 30, 40	\$813
STG-2000-C	5.56mm NATO	3.18 kg	10, 20, 30	\$567
STG-2000-C	5.45mm Kalashnikov	3.18 kg	10, 20, 30, 40	\$516
STG-2000-C	.22 Long Rifle	3.18 kg	10	\$226

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
STG-2000-C (7.62mm)	SA	4	2-Nil	6	4	Nil	47
STG-2000-C (5.56mm)	SA	3	1-Nil	6	2	Nil	42
STG-2000-C (5.45mm)	SA	3	1-Nil	6	2	Nil	46
STG-2000-C (.22)	SA	1	Nil	6	1	Nil	34



Iver Johnson/AMAC “M-1 Carbines”

Next: Iver Johnson Arms was established in 1871 in Massachusetts, and had a long firearms-making history before running into financial trouble, moving first to Arkansas in 1984 and then being bought out (including the name “Iver Johnson”) in 1987 by AMAC. Some of Iver Johnson’s best-selling modern rifle designs are a number of M-1 Carbine variants and copies, most of which differ in caliber or features (and some of which are simple licensed copies). After the buyout by AMAC, AMAC continued to make some of Iver Johnson’s old line of firearms, including some of these M-1 Carbine variants, until it too went out of business in 1993.

The JJ9MM is a version of the M-1 Carbine; it looks virtually identical externally to the standard M-1 Carbine, except for its magazine and somewhat shorter 16-inch barrel. The JJ9MM was built in 1985 and 1986, and is chambered for 9mm Parabellum instead of .30 Carbine. The JJ9MM has been copied often by other firearms makers, both with and without a license. The JJ9MM has a hardwood stock of the same type as a standard M-1 Carbine and the metalwork is blued. AMAC later built a version of the JJ9MM, called the Delta-786; it is virtually identical to the JJ9MM, but has a matte finish and darker-stained hardwood stock, and is a slight bit lighter.

Iver Johnson also built a version of the M-1 Carbine which was basically a direct copy of the original M-1 Carbine, also in 1985 and 1986. AMAC also built the Iver Johnson version of the M-1 and M-1A1, from 1988-93. Both were capable of being fitted with a large number of aftermarket stocks and other modifications such as scope mounts, Weaver and MIL-STD-1913 rails, and suchlike. The Iver Johnson version also came in a version chambered for the potent 5.7mm MMJ round (called the Spitfire), but this chambering is relatively rare. AMAC versions used a slightly-better grade of wood, military-style peep sights, and could accept three sizes of magazines instead of two. AMAC versions are generally known as the “M-30” or M .30.” Iver Johnson called their M-1 Carbine the PM-30, and their M-1A1 the SC-30.

AMAC also built the Enforcer Pistol (also called the Enforcer Carbine and Enforcer Carbine-Pistol). This is simply a version of AMAC’s M-1 Carbine with no buttstock, a full pistol grip, and an abbreviated 9.5-inch barrel.

At the same time that Iver Johnson was building its other M-1 Carbine variants, it was building the US Carbine .22; this is essentially an M-1 Carbine chambered for either .22 Long Rifle or .22 Winchester Magnum Rimfire. These also look almost identical externally to a standard M-1 Carbine, except for the magazine and slightly longer 18.5-inch barrel. AMAC also later built this model, but only for a few months in 1988.

Weapon	Ammunition	Weight	Magazines	Price
JJ9MM	9mm Parabellum	2.5 kg	20	\$269
Delta-786	9mm Parabellum	2.4 kg	20	\$269
PM-30	.30 Carbine	2.36 kg	15, 30	\$311
PM-30 Spitfire	5.7mm MMJ	2.58 kg	15, 30	\$470
SC-30	.30 Carbine	2.25 kg	15, 30	\$341
M-30	.30 Carbine	2.3 kg	5, 15, 30	\$311
M-30A1	.30 Carbine	2.2 kg	5, 15, 30	\$341
US Carbine .22	.22 Long Rifle	2.26 kg	15	\$235
US Carbine .22	.22 Winchester Magnum Rimfire	2.29 kg	15	\$256
Enforcer	.30 Carbine	1.79 kg	5, 15, 30	\$230

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
JJ9MM/Delta-786	SA	2	Nil	5	1	Nil	35
PM-30/M-30	SA	2	1-Nil	5	2	Nil	50
PM-30 Spitfire	SA	3	1-Nil	5	3	Nil	50
SC-30/M-30A1	SA	2	1-Nil	4/5	2	Nil	50
US Carbine .22 (.22 Long Rifle)	SA	1	Nil	5	1	Nil	38
US Carbine .22 (.22 Magnum)	SA	1	Nil	5	1	Nil	47
Enforcer	SA	2	1-Nil	3	2	Nil	20

Kaiser X7 Fusion

Notes: The Fusion Monarch is an AR Clone which is surprisingly light and touch and durable, as well as being light. This due to its advance polymer upper receiver, lower receiver, and handguards. The receivers are made from injection-molded virgin polymer (as opposed to recycled, reground polymer infused with both long and short-stand fibers. The resulting polymer is resistant to weather, and is exceptionally durable, as well as resistance to cracking and chattering, something that has plagued many early polymer AR designs. The finish may conceivably be any color, though Kaiser for now sells the Fusion only in black or dark earth. The Engage EPG16 handguards are made of the same polymer, and are well-ventilated, and comes with a full length MIL-STD-1913 rail, connecting to the rail above the receiver. They have KeyMod attachment points on the sides, with which a shooter may customize his rifle, directly (with some accessories) or a Picatinny Rail or Weaver rail. They transfer little heat, and free-float handguards. They are also designed to be as rigid as possible. The handguards are almost as long as the barrel, leaving only 10 millimeters of the barrel and the flash suppressor out of the handguards. The stock may is a Mission First Minimalist Battlelink skeletonized sliding stock with six positions. It has a cheekpiece designed to deal with most optics available for the AR today.

The bolt carrier, firing pin and gas key are all made of titanium, further contributing to the light weight. The Faxon stainless steel 16-inch barrel is treated with black nitride and finished in black, as is the proprietary flash suppressor. The flash suppressor, charging handle, controls, and the interior of the receiver are also treated with black nitride. The barrel is free-floating and match-quality. The Fusion has a set of MagPul BUS front and rear sights, which for the most part adjust like standard M-16/M-4 sights. The Fusion has a QD sling attachment point is on the butt, and it is attached to it is a NEMO Rapid Assault Team strap, about 8 feet of braided 550 cord. The Engage tactical pistol grip tactical is a bit more ergonomic than an A2 grip; it has a grooved backstrap and finger grooves on the front. The trigger guard is enlarged for gloves. It is hollow, and closes on a storage chamber that is watertight. Most metallic parts are coated with NP3 Plus, which greatly reduces the need for lubrication.

The Fusion Standard has handguards about 51 millimeters shorter than the Fusion Monarch. They come only in black, but otherwise are like the Fusion Monarch's handguards. It is slightly lighter than the Monarch, but the Standard is identical to the Monarch for game purposes.

The next two versions are pistol versions, but they are included for the sake of completeness. The Standard Pistol barrels come in 7.5 and 10.5 inches in 5.56mm and 8.5 inches in .300. and are tipped with a conical flash suppressor. The handguard are very short, but have the same Picatinny rail setup. The handguards are KSP Slimline handguards. They do not free-float the barrel. Black nitride coats most of the pistol, and the receiver halves are black. The bolt carrier group components are treated with black nitride. The Standard Pistol uses a Carpenter 158 bolt. The end of the buffer tube is foam rubber-coated; this can be easily slipped off to attach a brace or a stock (which, of course, requires a lot of paperwork and fees in the US and is illegal in many other countries).

The X7 Amphibian Anti-Piracy Weapon is similar to the Standard Pistol, but comes only in one caliber and one barrel length. The barrel is 10 inches, and tipped with KSP Flash Can muzzle brake. Metallic parts are coated in NP3 Plus. It uses an XTECH ATG pistol grip, which is adjustable for angle and size. The receivers are molded in sea-blue, while the rest of the rifle is black, except for the barrel and buffer tube, which are bright stainless steel.

Of course, the first thought that comes to mind is feeding these weapons with polymer magazines, though they can take most AR magazines.

Weapon	Ammunition	Weight	Magazines	Price
X7 Fusion Monarch	5.56mm NATO	2.27 kg	10, 20, 30	\$602
X7 Fusion Standard	5.56mm NATO	2.09 kg	10, 20, 30	\$602
X7 Fusion Standard (Pistol (7.5" Barrel)	5.56mm NATO		10, 20, 30	

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
X7 Fusion Monarch/Standard	SA	3	1-Nil	4/6	3	Nil	43
X7 Fusion Standard Pistol (5.56mm, 7.5")	SA	2	1-Nil	5	3	Nil	37

Kel-Tec SUB-2000

Notes: This is a carbine designed for pistol cartridges. The weapon is largely built of polymers for lighter weight. The weapon can be folded for storage (but not fired when folded) at the breech. When folded, the weapon can be locked with a key for safety, and this feature made it popular with people who had small children. The sights are luminous and are adjustable, and the SUB-2000 can be disassembled without tools.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
SUB-2000	9mm Parabellum	2.04 kg	10, 15	\$280
SUB-2000	.40 Smith & Wesson	2.04 kg	10, 15	\$317

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SUB-2000 (9mm)	SA	2	1-Nil	5	2	Nil	36
SUB-2000 (.40)	SA	2	1-Nil	5	3	Nil	37

## Kel-Tec SU-16

Notes: This is similar in concept to the SUB-2000, being a folding carbine built largely of polymers. It is, however, chambered for the 5.56mm NATO cartridge. The SU-16 is, therefore, heavier and larger.

The stock of the SU-16 series is hollow, and can fit two 10-round or one 20 or 30-round magazine in it. The operating system is for the most part the same as the AR-15. The SU-16 has an integral folding bipod.

There are several variants of the basic SU-16. The SU-16B is sort of a carbine version of the SU-16, with a shorter barrel and somewhat lighter construction. The SU-16C is an SU-16B with a true folding stock, instead of folding at the breech; firing with the stock folded makes the weapon extremely awkward, and such shots are done at -4. While The SUD-9 and SUD-12 are variants of the SU-16C, they have 9 and 12-inch barrels respectively, no bipod, a flash suppressor, and handguards equipped with an underbarrel MIL-STD-1913 rail. They are designed primarily for police concerns.

The SU-16CA is a new model, introduced in 2006; it is an improved/modified SU-16 with a short MIL-STD-1913 rail atop the receiver, which has both the detachable front and rear sights. While this leads to an extremely short sight radius when using the iron sights; the SU-16CA is not really meant for use with those sights; Kel-Tec instead recommends the use of a scope or holographic-type battle sights. The muzzle is threaded for use with various accessories. The SU-16CA is more meant for police and covert use instead of civilian use, though it is sold to civilians in unmodified form. Though the weight is somewhat different, it shoots (for game purposes) like a standard SU-16C, and is therefore not given a separate entry on the firing tables below.

For those shooters looking for economy (especially in ammunition), Kel-Tec offers the SU-22CA. Though sharing many similarities with the rest of the SU-16 series, the SU-22CA is not a conversion package; the internal parts and interior molding of the receiver are designed specifically for the SU-22CA, and the sights are modified for the SU-22CA. The SU-22CA, however, will accept most of the accessories as the SU-16CA, particularly at the threaded muzzle. Controls are in the same positions as those of the rest of the SU-16 series. Magazines are proprietary and are smoked translucent magazines that are shaped similarly to an AR-15 30-round magazine, and have an internal column for the .22 Long Rifle ammunition. The SU-22CA will also accept magazines designed for the Atchisson AR-15-.22 conversion. The stock does not fold as on the SU-16CA. Barrel length is 16.1 inches.

Twilight 2000 Notes: The SU-16 is very rare in the Twilight 2000 timeline, and the SU-16B does not exist in manufactured form. The SU-16C and CA do not exist at all in the Twilight 2000 timeline, nor do the SUD-9, SUD-12, or SU-22CA.

Weapon	Ammunition	Weight	Magazines	Price
SU-16	5.56mm NATO	2.27 kg	10, 20, 30	\$1026
SU-16B	5.56mm NATO	2.04 kg	10, 20, 30	\$965
SU-16C	5.56mm NATO	2.13 kg	10, 20, 30	\$965
SU-16CA	5.56mm NATO	2.14 kg	10, 20, 30	\$967
SUD-9	5.56mm NATO	1.71 kg	10, 20, 30	\$512
SUD-12	5.56mm NATO	1.79 kg	10, 20, 30	\$543
SU-22CA	.22 Long Rifle	1.81 kg	10, 26	\$221

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SU-16	SA	3	1-Nil	6	3	Nil	47
SU-16 (Bipod)	SA	3	1-Nil	6	2	Nil	62
SU-16B	SA	3	1-Nil	5	3	Nil	40
SU-16B (Bipod)	SA	3	1-Nil	5	2	Nil	52
SU-16C	SA	3	1-Nil	4/5	3	Nil	40
SU-16C (Bipod)	SA	3	1-Nil	4/5	2	Nil	52
SUD-9	SA	2	1-Nil	3/4	3	Nil	16
SUD-12	SA	2	1-Nil	3/5	3	Nil	25
SU-22CA	SA	1	Nil	4	1	Nil	33

## LeMAG MAG-1

Notes: A custom modification by Tim LeGendre of the M-1 Carbine, the MAG-1 was produced in two calibers, first on a whim, then in limited numbers for US Special Operations forces and for big game hunters. The MAG-1 has all the balance and lightness of the original weapon, and has reputedly very controllable recoil despite their greatly increased calibers. The stocks have been replaced with a synthetic stock, since the original wooden stocks crack under the pressure of the higher calibers.

Weapon	Ammunition	Weight	Magazines	Price
MAG-1	.45 Winchester Magnum	3.5 kg	6, 12	\$434
MAG-1	.50 Action Express	3.5 kg	5, 10	\$504

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
MAG-1 (.45)	SA	4	1-1-Nil	6	2	Nil	49
MAG-1 (.50)	SA	5	1-2-Nil	6	3	Nil	50

LeMAG MAG-14

Notes: Another custom modification by Tim LeGendre, this time of the M-14, the MAG-14 is modified for the .338WM round. Again, the stock has been replaced with a synthetic one, and the sights have been replaced with new ones appropriate for the new caliber. The rifle is fed from a modified M-1 Garand clip or a modified BAR magazine.

Weapon	Ammunition	Weight	Magazines	Price
MAG-14	.338 Winchester Magnum	4.8 kg	5 Clip, 8	\$1894

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
MAG-14	SA	6	2-3-Nil	7	4	Nil	82

LeMAG MAG-15

Notes: Another custom modification by Tim LeGendre, this time of the AR-15 in a custom caliber called .45 Professional. The new round has nearly the ballistics of the .338WM while reliably feeding into a modified AR-15. Though accuracy is not its strong suit, damaging potential is. The magazines are modified AR-15/M-16 magazines, but the 90MWG and 100-round C-Mags cannot be used with this weapon. It is notable that Eugene Stoner, inventor of the AR-15 series, insisted that this modification could not be accomplished.

Weapon	Ammunition	Weight	Magazines	Price
MAG-15	.45 Professional	4 kg	8, 12	\$2142

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
MAG-15	SA	6	2-4-Nil	6	5	Nil	74

Les Baer Custom Ultimate Super Varmint

Notes: The LBC Ultimate Super Varmint is a highly-accurized version of the AR-15. It is chambered for 5.56mm NATO ammunition, as well as the new .204 Ruger, but the Ultimate Super Varmint boasts almost sniper-rifle-like accuracy (1/2 MOA with factory ammunition). Like most Les Baer weapons, the Ultimate Super Varmint is built almost entirely from scratch, using parts which Les Baer produces for himself. The barrel, bolt, bolt carrier group, and extractor are chromed for extra reliability, and all parts are precision-machined. The firing pin is made from titanium and generally will not break, nor will it corrode. The exterior of the rifle has a custom finish called "Baer Coat." The upper receiver has a MIL-STD-1913 rail and in front of the barrel shroud is another very short rail (the rifle is not normally used with iron sights, but the rails can mount them).

Twilight 2000 Notes: The 5.56mm NATO version is extremely rare, and the .204 Ruger version does not exist at all.

Weapon	Ammunition	Weight	Magazines	Price
Ultimate Super Varmint (18" Barrel)	5.56mm NATO	4.36 kg	10	\$1035
Ultimate Super Varmint (20" Barrel)	5.56mm NATO	4.44 kg	10	\$1099
Ultimate Super Varmint (22" Barrel)	5.56mm NATO	4.52 kg	10	\$1163
Ultimate Super Varmint (24" Barrel)	5.56mm NATO	4.59 kg	10	\$1227
Ultimate Super Varmint (18" Barrel)	.204 Ruger	4.25 kg	10	\$986
Ultimate Super Varmint (20" Barrel)	.204 Ruger	4.33 kg	10	\$1050
Ultimate Super Varmint (22" Barrel)	.204 Ruger	4.41 kg	10	\$1114
Ultimate Super Varmint (24" Barrel)	.204 Ruger	4.49 kg	10	\$1178

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ultimate Super Varmint (18", 5.56mm)	SA	3	1-Nil	6	2	Nil	51
Ultimate Super Varmint (18", 5.56mm, Bipod)	SA	3	1-Nil	6	1	Nil	66
Ultimate Super Varmint (20", 5.56mm)	SA	3	1-Nil	6	2	Nil	59
Ultimate Super Varmint (20", 5.56mm, Bipod)	SA	3	1-Nil	6	1	Nil	77
Ultimate Super Varmint (22", 5.56mm)	SA	3	1-Nil	6	2	Nil	67
Ultimate Super Varmint (22", 5.56mm, Bipod)	SA	3	1-Nil	6	1	Nil	87
Ultimate Super Varmint (24", 5.56mm)	SA	3	1-Nil	7	2	Nil	73
Ultimate Super Varmint (24", 5.56mm, Bipod)	SA	3	1-Nil	7	1	Nil	95
Ultimate Super Varmint (18", .204)	SA	3	1-1-Nil	6	2	Nil	44
Ultimate Super Varmint (18", .204, Bipod)	SA	3	1-1-Nil	6	1	Nil	58
Ultimate Super Varmint (20", .204)	SA	3	1-1-Nil	6	2	Nil	52
Ultimate Super Varmint (20", .204, Bipod)	SA	3	1-1-Nil	6	1	Nil	67
Ultimate Super Varmint (22", .204)	SA	3	1-1-Nil	6	2	Nil	60
Ultimate Super Varmint (22", .204, Bipod)	SA	3	1-1-Nil	6	1	Nil	77
Ultimate Super Varmint (24", .204)	SA	3	1-1-Nil	7	2	Nil	65
Ultimate Super Varmint (24", .204, Bipod)	SA	3	1-1-Nil	7	1	Nil	85

# LMT MWS

Notes: The recent special issue magazine, *Guide to Long-Range Accuracy*, lists the MWS (Modular Weapon System) as a sniper rifle; however, LMT's own site makes it sound more like a battle/hunting rifle. I am therefore going to list it here with other sporting rifles.

While the British used the M-110 for a short time in the Iraq and Afghanistan Wars, they were never really impressed with it for a variety of reasons. They commissioned a new spotter's rifle, which was first employed in the early 2000's, designating it the L-129A1 (after testing). Though they intended never to have a civilian version built, they eventually agreed with LMT, after deleting some more secret features. This is being called by LMT the LM-308MWS.

The MWS is an AR-type weapon designed for a variety of calibers, most of which are meant to appeal to civilians. Nonetheless, the MWS has a number of features that could make it useful to police or even some military users. The charging handle is enlarged to make charging easier. The MWS has ambidextrous controls, though the controls are smaller on the right side than the left. The front and rear sights are quickly and easily adjustable using knobs (not normally found on the front sight of an AR). The MWS has MIL-STD-1913 rails on the top (the rails on the upper receiver and atop the handguards lock together, making them continuous), the sides of the handguards, and under the handguards. (The MWS ships with rail covers if the user needs them.) The MWS has a total of five sling attachment points built in (potentially others could be mounted on the rails). The stock is a SOPMOD stock, a modified version of the M-4's stock. Barrels are 16, 18 or 20 inches, cryogenically-treated and specially-mounted (though not free floating, they do help in the accuracy department). The trigger is a two-stage "tactical" trigger (I haven't been able to find out what makes the trigger "tactical").

So, what makes the MWS modular. Well, the barrel-mounting hardware allows the user to change barrels between different lengths, and even to different calibers (or both) as desired.

While one can do a lot of things with an MWS, one could also do some minor weightlifting, as it is heavy for the type rifle it is. However, this added weight has the effect of dampening felt recoil and muzzle climb, so it is a mixed blessing.

Twilight 2000 Notes: These rifles are not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
MWS-243 (16" Barrel)	.243 Winchester	3.91 kg	10, 20	\$734
MWS-243 (18" Barrel)	.243 Winchester	3.97 kg	10, 20	\$754
MWS-243 (20" Barrel)	.243 Winchester	4.03 kg	10, 20	\$775
MWS-260 (16" Barrel)	.260 Remington	4.45 kg	10, 20	\$960
MWS-260 (18" Barrel)	.260 Remington	4.52 kg	10, 20	\$981
MWS-260 (20" Barrel)	.260 Remington	4.59 kg	10, 20	\$1005
MWS-6.5 (16" Barrel)	6.5mm Creedmoor	3.84 kg	10, 20	\$791
MWS-6.5 (18" Barrel)	6.5mm Creedmoor	3.9 kg	10, 20	\$813
MWS-6.5 (20" Barrel)	6.5mm Creedmoor	3.96 kg	10, 20	\$834
MWS-7mm (16" Barrel)	7mm-08 Remington	4.12 kg	10, 20	\$919
MWS-7mm (18" Barrel)	7mm-08 Remington	4.18 kg	10, 20	\$940
MWS-7mm (20" Barrel)	7mm-08 Remington	4.24 kg	10, 20	\$960
MWS-308 (16" Barrel)	7.62mm NATO	4.53 kg	10, 20	\$1029
MWS-308 (18" Barrel)	7.62mm NATO	4.6 kg	10, 20	\$1050
MWS-308 (20" Barrel)	7.62mm NATO	4.67 kg	10, 20	\$1071
MWS-338 (16" Barrel)	.338 Federal	4.87 kg	10, 20	\$1194
MWS-338 (18" Barrel)	.338 Federal	4.95 kg	10, 20	\$1216
MWS-338 (20" Barrel)	.338 Federal	5.03 kg	10, 20	\$1237

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
MWS-243 (16" Barrel)	SA	3	2-Nil	5/6	2	Nil	38
MWS-243 (18" Barrel)	SA	3	2-Nil	5/6	2	Nil	46
MWS-243 (20" Barrel)	SA	3	2-Nil	5/7	2	Nil	53
MWS-260 (16" Barrel)	SA	3	1-2-Nil	4/6	3	Nil	40
MWS-260 (18" Barrel)	SA	4	1-2-Nil	5/7	3	Nil	48
MWS-260 (20" Barrel)	SA	4	1-2-Nil	6/7	3	Nil	57
MWS-6.5 (16" Barrel)	SA	3	1-2-Nil	5/6	3	Nil	53
MWS-6.5 (18" Barrel)	SA	3	1-2-Nil	5/6	3	Nil	64
MWS-6.5 (20" Barrel)	SA	3	1-2-Nil	5/7	3	Nil	74
MWS-7mm (16" Barrel)	SA	4	2-Nil	5/6	3	Nil	45
MWS-7mm (18" Barrel)	SA	4	2-Nil	5/7	3	Nil	54
MWS-7mm (20" Barrel)	SA	4	2-3-Nil	6/7	3	Nil	63
MWS-308 (16" Barrel)	SA	4	2-3-Nil	5/7	3	Nil	46
MWS-308 (18" Barrel)	SA	4	2-3-Nil	6/7	3	Nil	55
MWS-308 (20" Barrel)	SA	4	2-3-Nil	6/7	3	Nil	64
MWS-338 (16" Barrel)	SA	4	2-3-Nil	6/7	3	Nil	46
MWS-338 (18" Barrel)	SA	4	2-3-Nil	6/7	3	Nil	55



MWS-338 (20" Barrel)	SA	4	2-3-Nil	6/8	3	Nil	64
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Marlin 45

Notes: The Marlin 45 (also called, incorrectly, the Model 45 Camp Carbine; the "Camp Carbine" name is used by Marlin only for the Model 9) was introduced in 1986. The Model 45 is a simple blowback-operated rifle carbine designed for the .45 ACP cartridge, and meant for self-defense whether at home or in the wilderness. Very easy to operate and maintain, the Model 45 features a 16.5-inch barrel and steel metalwork. The upper receiver has a squared surface to allow drilling and tapping for a scope mount and allow a firm base for the mount, if used. A spring-leaf and elevator rear sight is also supplied, with a fiberoptic high-contrast front sight. The stock is of plain birch with a half-length fore-end, a pistol grip wrist, and no sort of checkering of any kind. The magazine is proprietary.

Due to customer demand, a 9mm Parabellum version was introduced a short time later, called the Model 9 Camp Carbine. It is essentially the same as the Model 45, except for the changes necessary for the different caliber and higher-capacity magazine (it is the same length as that of the Model 45, but the rounds are smaller). Early in the production of the Camp Carbine, 20-round magazines were also designed for these rifles, but these was quickly discontinued for reasons unknown to me at this time. These large-capacity magazines are now quite rare and usually expensive (in real-life terms). In addition, the Camp Carbines are also capable of accepting Smith & Wesson Third Generation pistol magazines of the appropriate caliber.

Weapon	Ammunition	Weight	Magazines	Price
Model 45	.45 ACP	3.06 kg	7, 20	\$351
Model 9	9mm Parabellum	2.8 kg	12, 20	\$271

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 45	SA	2	1-Nil	5	3	Nil	38
Model 9	SA	2	1-Nil	5	1	Nil	36

Marlin 50

Notes: This was the first of Marlin's semiautomatic rimfire rifles, first sold in 1931, and continuing production for 4 years. It was built only in small numbers, with about 5000 total being manufactured. The Marlin 50, firing from an open bolt and having manual auxiliary extractor (which was difficult to strip and use), was never very popular, though it functioned quite well. The Model 50 had a 22-inch barrel with a hooded bead front sight at the muzzle. The rear sight was a spring-leaf and elevator type; a minor variant, the Model 50E, used a simple adjustable aperture rear sight (but is identical for game purposes). The stock was of hardwood with a half-length fore-end, a rather shallow pistol grip wrist. The receiver was of a tubular shape and made of stamped steel, as was the trigger and trigger guard.

The Model A1 was an improved version of the Model 50, manufactured from 1936-40. The Model A1 fired from a closed bolt, and used a 24-inch barrel. The safety catch was moved to rear of the tubular receiver. The original Model A1s used a stamped steel trigger and trigger guard, and used only a spring-leaf and elevator-type rear sight and a hooded bead front sight.

The Model A1 was modified in 1941, though production stopped near the end of 1941 (as Marlin was primarily making weapons for the US military during World War 2), and did not pick up again until late 1945 and continuing until late 1946. Modifications included moving the safety again – it was now a radial safety on the right rear side of the receiver. The trigger guard of this modified version was made of plastic, and the stock was re-shaped, with a deeper pistol grip wrist and a rounded fore-end. Other variants included the Model A1E (built from 1936-41 and 1945-46), with a simple adjustable aperture rear sight; the Model A1E (built in 1941 and from 1945-46), with a different stock that had a fluted comb and a beavertail fore-end, as well as the aperture rear sight; and the A1DL, which had both an aperture rear sight and a target-type peep sight, as well as sling swivels fitted as standard. All of these variants of the Model A1 are identical to the standard Model A1 for game purposes.

The Marlin Model 88 was the first of Marlin's post-World War 2 designs, and is basically an enlarged A-1. The mechanism was somewhat simplified (primarily by having the charging handle move in the ejection port slot instead of its own channel), with the charging handle attached directly to the bolt, and the radial safety switch was moved to the extreme rear right side of the receiver. The problem was the tubular magazine in the butt, which was difficult to load, because an inner tube had to be removed before loading the cartridges. The original Model 88 was produced from 1948-56.

Variants of the Model 88 included the Model 88DL, a deluxe version with a peep auxiliary rear sight, checkering on the pistol grip wrist and fore-end, and sling swivels. (It is identical to the standard Model 88 for game purposes). It was produced from 1953-56. The Model 89C was built concurrently with the Model 88, but production lasted until 1961; this variant was fed by a box magazine instead of the Model 88's tubular magazine. (The box magazine originally held 7 rounds, but a 12-round magazine was introduced for the Model 89C in 1956.) In 1957, the stock of the Model 89C was changed to one with a Monte Carlo-type cheekpiece and a buttplate made of plastic with decorative white spacers for the buttplate and pistol grip wrist cap. The Model 89DL was the deluxe equivalent of the Model 89C, similar to the Model 88DL in that respect.

The Models 88 and 89 series were takedown-type rifles, but the Model 98 was a variant with a solid frame. It was also fed by a tubular magazine in the butt, with a loading port just behind the pistol grip wrist. The Model 98 had a stock of somewhat better-quality wood, with a Monte Carlo comb and cheekpiece. The fore-end was tapering instead of being straight with a rounded end. Drilling and tapping could be ordered for the Model 98 (though it was not a standard feature). The Model 98 was built from 1957-59.

Weapon	Ammunition	Weight	Magazines	Price
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<b>Marlin 50</b>	.22 Long Rifle	2.72 kg	6	\$276
<b>Marlin A1</b>	.22 Long Rifle	2.78 kg	6	\$296
<b>Marlin 88</b>	.22 Long Rifle	3.03 kg	14 Tubular	\$296
<b>Marlin 89C</b>	.22 Long Rifle	3 kg	7, 12	\$296
<b>Marlin 98</b>	.22 Long Rifle	3.03 kg	15 Tubular	\$297

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Marlin 50</b>	SA	1	Nil	5	1	Nil	45
<b>Marlin A1</b>	SA	1	Nil	6	1	Nil	48
<b>Marlin 88</b>	SA	1	Nil	6	1	Nil	48
<b>Marlin 89C</b>	SA	1	Nil	6	1	Nil	48
<b>Marlin 98</b>	SA	1	Nil	6	1	Nil	48

## Marlin 99

Notes: The Model 99 (and its variants) was built in very large numbers for a rimfire rifle. The Model 99 used a short, flat-sided receiver with a curved back, and a stock with a shallow pistol grip wrist. The trigger unit included the safety, which was a crossbolt design located at the rear of the trigger guard. The plain birch stock was built in one piece, with a half-length trigger guard. Feed was from a tubular magazine, under a 22-inch barrel. The rear sight was a spring-leaf and elevator design. The original Model 99 was built only from 1959-61, but in this time over 116,000 were built. The Model 49 was built from 1958-78, and is essentially a Model 99 with a two-piece stock. The Model 49DL was a deluxe version, with a checkered pistol grip wrist and fore-end, as well as scrollwork engraving on the receiver. The Model 60 is also basically the same as the Model 99, but has a Wide-Scan hooded front sight, and a bolt hold-open device (after 1985). The M-60SS is a version with stainless steel and nickel-plated steel metalwork, a stock laminated in a black/gray color, and a rubber recoil pad. The Models 60 and 60SS are still in production. The Model 70 is also still in production, and is essentially the same as the Model 99 except for its removable sights and the bolt hold-open device introduced in 1985. The Model 70HC is also similar, but can also accept a long, curved 25-round magazine.

The Model 70P Papoose is quite different from the Model 70, however; it is fed by a box magazine and has a short 16.25-inch barrel. The barrel can be easily removed, with a mechanical interlock ensuring that the Papoose cannot fire unless the barrel is properly secured. The fore-end of the stock extends only to the front of the receiver. The Model 70PSS is very similar, but uses stainless steel metalwork and black synthetic/fiberglass stock.

The Model 75 is also a carbine variant, using an 18-inch magazine, but is fed by a tubular magazine which is shorter than that of the Model 99 and most of its variants. The Model 996 is identical to the Model 989, but is magazine-fed. (It shoots identically to the Model 75 for game purposes.)

Another deluxe variant, the Model 99C, was produced from 1961-78. The Model 99C had Micro-Grooved rifling, a gold-plated trigger and walnut stocks instead of birch. In 1963, the standard-style stock was replaced with a Monte Carlo-type stock and the bolt became damascened; in 1964, the Model 99C acquired grooves for a scope mount; in 1969, the front sight was made into one piece with the muzzle band; and in 1971, the pistol grip wrist and fore-end were checkered (checkering which was modified at least once). The Model 99DL was a little more deluxe, with a gold-plated trigger and trigger guard, a fluted comb for the Monte Carlo-type stock, a hard rubber buttplate, decorative white spacers for the buttplate, and a leather sling supplied with the rifle. The Model 990 was a semi-deluxe version with a walnut Monte Carlo-type stock, diamond-void checkering on the pistol grip wrist and fore-end, and a spring-leaf rear sight, which when folded down revealed simple notch sight for quick shots. It also had a slightly-smaller tubular magazine. (It is identical to the Model 99 game for shooting purposes.) 1992's Model 990L is not a luxury version, but differs in having a hard rubber buttplate, sling swivels, and a spring-leaf and elevator sight. (These four are identical to the standard Model 990 for game purposes, and they shoot identically to the Model 99 for game purposes.)

The Model 989 is essentially a magazine-fed version of the Model 99. The first few months, the Model 989 was built with a standard Model 99 stock, but after that they were built with Monte Carlo-type stocks. (It is identical to the Model 70 for game shooting purposes, and does not have a separate line on the combat tables.) The Model 989M2 version is a carbine variant, with an 18-inch barrel and a military-style stock. The Model 995 is a version of the Model 989M2 with a Monte Carlo-type stock (checkered on the pistol grip wrist and fore-end), and the sights of the Model 990. The Model 995SS is a Model 990 with stainless steel metalwork. The Model 989M2, Model 995, and Model 995SS are identical for game purposes, including game shooting purposes.

From 1966-79, the Model 99M1 (also called the Model 99M1 Carbine) was built. Though the Model 99M1 was externally designed to resemble an M-1 Carbine as much as possible, internally it was still a Model 99, albeit with a much shorter tubular magazine designed to fit into the fore-end of the rifle and a *faux* box magazine. The barrel length was 18 inches, and the sights were virtually identical to the original M-1 Carbine sights (suitably altered to match the .22 Long Rifle round). In 1969, a bolt hold-open device was added. The Model 99M1 shoots like a Model 75 for game purposes.

The Model 922 was added to the line in 1993; it is a Model 99 which is fed by a box magazine and fires the .22 Winchester Magnum Rimfire round, as well as having a Monte Carlo-type stock and a bolt hold-open mechanism. It is identical to the Model 99 for game purposes.

It should also be noted that many aftermarket stocks, trigger units, magazines, etc., have been made for these rifles and many strange configurations of them can be found from time to time.

Weapon	Ammunition	Weight	Magazines	Price
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<b>Marlin 99</b>	.22 Long Rifle	2.49 kg	18 Tubular	\$276
<b>Marlin 70</b>	.22 Long Rifle	2.47 kg	7, 25 (for HC Only)	\$276
<b>Marlin 70P Papoose</b>	.22 Long Rifle	1.47 kg	7	\$212
<b>Marlin 70PSS</b>	.22 Long Rifle	1.27 kg	7	\$222
<b>Marlin 75</b>	.22 Long Rifle	2.27 kg	13 Tubular	\$235
<b>Marlin 99M1</b>	.22 Long Rifle	2.15 kg	9 Tubular	\$234
<b>Marlin 992</b>	.22 Winchester Magnum Rimfire	2.95 kg	7	\$292
<b>Model 989</b>	.22 Long Rifle	2.85 kg	7	\$271
<b>Model 989M2</b>	.22 Long Rifle	2.68 kg	7	\$230
<b>Model 990</b>	.22 Long Rifle	2.49 kg	17 Tubular	\$235
<b>Model 996</b>	.22 Long Rifle	2.34 kg	7, 15	\$230

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Marlin 99 &amp; 70</b>	SA	1	Nil	5	1	Nil	45
<b>Marlin 70P Papoose</b>	SA	1	Nil	4	1	Nil	33
<b>Marlin 75</b>	SA	1	Nil	5	1	Nil	37
<b>Marlin 992</b>	SA	1	Nil	5	1	Nil	57

### Marlin 717M2

Notes: This semiautomatic rimfire rifle, new for 2005, fires the high-velocity .17 Mach 2 Rimfire cartridge. The rifle is sleek and lightweight, with a laminated walnut stock with a pistol grip wrist and Monte Carlo-style cheekpiece. The safety is a crossbolt-type which locks the bolt in place. The stock's lamination is a very tough finish known as "Mar-Shield." The rear sight is fixed, but the front sight is adjustable; the receiver is also grooved for a scope mount.

Twilight 2000 Notes: This rifle is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
<b>Marlin 717M2</b>	.17 Mach 2 Rimfire	2.27 kg	7	\$290

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Marlin 717M2</b>	SA	2	1-Nil	5	2	Nil	48

### Marlin 995 Carbine

Notes: This is a light, short-barreled hunting rifle. It has a simple action and a stock of American walnut. It is capable of digesting virtually any sort of .22 Long Rifle round, from very light bullets to "hot loaded" rounds and very heavy bullets. The barrel, receiver, and mechanism are largely made from blued steel. There are two alternate versions, one with stainless steel parts which are nickel-plated (identical for game purposes) and one with a stock made from high-impact black plastic.

The Model 795 is the successor to the Model 995, introduced in 1997. This version is virtually identical to the Model 995, but the Model 795 has a standard plastic stock and blued steel metal parts, except for the nickel-plated magazine. The magazine capacity has also been enlarged to ten rounds. It is also a very lightweight weapon, much lighter than its predecessors.

The Marlin 2000 is basically a Model 795 with a heavy match barrel. The stock is of black high-impact plastic, and the metal parts are deeply blued. The Model 2000 has a bolt catch that holds the bolt open after the last shot is fired; a separate bolt catch allows the bolt to be returned forward when the rifle is empty. The Model 2000 has no iron sights, but is dovetailed for a telescopic sight mount.

Twilight 2000 Notes: The Model 795 does not exist in the Twilight 2000 timeline, nor does the Model 2000.

Weapon	Ammunition	Weight	Magazines	Price
<b>Marlin 995</b>	.22 Long Rifle	2.49 kg	7	\$230
<b>Marlin 995 (Plastic Stock)</b>	.22 Long Rifle	2.3 kg	7	\$240
<b>Marlin 795</b>	.22 Long Rifle	2 kg	10	\$240
<b>Marlin 2000</b>	.22 Long Rifle	2.4 kg	10	\$246

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Marlin 995</b>	SA	1	Nil	5	1	Nil	37
<b>Marlin 995 (Plastic)</b>	SA	1	Nil	5	1	Nil	37
<b>Marlin 795</b>	SA	1	Nil	5	1	Nil	37
<b>Marlin 2000</b>	SA	1	Nil	5	1	Nil	38

### MasterPiece Arms 308BBA

Notes: An up-and-coming competition rifle, the 308BBA has a number of refinements that make it attractive to competition shooters. Everything but the bolt and trigger is built by MasterPiece Arms; the barrel is especially noteworthy. MasterPiece Arms purchased their barrel-making equipment from Spencer Rifles a short time ago (the date on this piece is Apr 2016), and their rifles undergo one of the most grueling proving grounds in the industry. They are button-rifled 416 RQ stainless steel barrels 24 inches long

and tipped by a proprietary muzzle brake which can be easily removed and replaced. They are lead-lapped by hand and stress-relieved. The bore is measured with an air gauge, with a tolerance of only 0.0001 inch being allowed. Finally, the barrel is visually inspected. MPA also has many proprietary steps and procedures in making its barrels, which are not described to the press.

The action is done by Kelbly Atlas Tactical. The action is available to other buyers, but special fitting is required to seat it for most gunsmiths (the 308BBA is designed for that action). It has a light bolt lift, which allows for fast cycling. It also has a side bolt release. The action has a mechanical ejector that is very reliable over normal spring-loaded ejectors. The mechanical ejector is also nearly immune to fouling and gunked-up oil. The stock is slim and easy to grip; it is made of billet aluminum and comes in several colors. It is finished in Cerakote. Though it does not come with MIL-STD-1913 rails, it has attachment points on all four sides of the handguard. The 308BBA is unusual for a civilian rifle in that it comes with a bipod, and an attachment point for it instead of having to use a sling attachment point. On the stock is a bubble level that allows very precise measurements of whether the rifle is level. The butt has a recoil pad and is adjustable for length of pull; the stock also has an adjustable cheekpiece.

Weapon	Ammunition	Weight	Magazines	Price
Model 45	.45 ACP	3.06 kg	7, 20	\$351
Model 9	9mm Parabellum	2.8 kg	12, 20	\$271

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 45	SA	2	1-Nil	5	3	Nil	38
Model 9	SA	2	1-Nil	5	1	Nil	36

MG Arms K-Yote

Notes: MG Arms is a maker of semi-custom arms in Spring, Texas. The proprietor is a mechanical engineer who originally did gunsmithing to keep him in ammunition money, but decided to turn it into a full-time occupation. The K-Yote is an AR-type rifle, to be sure, but built to incredibly tight tolerances and finished in up to 25 different colors, along with optional logos and symbols. Under the finish is PTFE Teflon. Tolerances are kept to .001 inches. The K-Yote may be a line, but it's a low-production line, with the rifles being made to the shooter. He makes his own lower receivers, out of billet aluminum. The upper receiver is the same, and has a monolithic MIL-STD-1913 rail. The barrel is a 20, 24, or 26-inch match-grade floating barrel with a target crown (but not a muzzle device), and of heavy profile. The Magpul stock is fully adjustable for length, cheek height, and cant, and has a Packmayr Decelerator recoil pad. The proprietary target trigger is set for a mere 2.5 pounds. The handguards have four MIL-STD-1913 rails. The gas block is large and beefy.

Weapon	Ammunition	Weight	Magazines	Price
K-Yote (20" Barrel)	.17 Remington	2.12 kg	5, 10, 20	\$472
K-Yote (24" Barrel)	.17 Remington	2.3 kg	5, 10, 20	\$516
K-Yote (26" Barrel)	.17 Remington	2.39 kg	5, 10, 20	\$538
K-Yote (20" Barrel)	.204 Ruger	2.48 kg	5, 10, 20	\$570
K-Yote (24" Barrel)	.204 Ruger	2.66 kg	5, 10, 20	\$614
K-Yote (26" Barrel)	.204 Ruger	2.75 kg	5, 10, 20	\$636
K-Yote (20" Barrel)	5.56mm NATO	2.57 kg	5, 10, 20	\$619
K-Yote (24" Barrel)	5.56mm NATO	2.83 kg	5, 10, 20	\$663
K-Yote (26" Barrel)	5.56mm NATO	2.93 kg	5, 10, 20	\$685
K-Yote (20" Barrel)	.243 Remington	3.14 kg	5, 10, 20	\$754
K-Yote (24" Barrel)	.243 Remington	3.32 kg	5, 10, 20	\$798
K-Yote (26" Barrel)	.243 Remington	3.42 kg	5, 10, 20	\$820
K-Yote (20" Barrel)	.260 Remington	3.94 kg	5, 10, 20	\$976
K-Yote (24" Barrel)	.260 Remington	4.13 kg	5, 10, 20	\$1020
K-Yote (26" Barrel)	.260 Remington	4.22 kg	5, 10, 20	\$1043
K-Yote (20" Barrel)	7mm-08 Remington	3.79 kg	5, 10, 20	\$934
K-Yote (24" Barrel)	7mm-08 Remington	3.98 kg	5, 10, 20	\$978
K-Yote (26" Barrel)	7mm-08 Remington	4.07 kg	5, 10, 20	\$1001
K-Yote (20" Barrel)	7.62mm NATO	4.18 kg	5, 10, 20	\$1043
K-Yote (24" Barrel)	7.62mm NATO	4.39 kg	5, 10, 20	\$1087
K-Yote (26" Barrel)	7.62mm NATO	4.49 kg	5, 10, 20	\$1109

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
K-Yote (20", .17)	SA	2	1-Nil	6	3	Nil	47
K-Yote (24", .17)	SA	2	1-Nil	7	3	Nil	58
K-Yote (26", .17)	SA	2	1-Nil	7	3	Nil	63
K-Yote (20", .204)	SA	3	1-Nil	6	3	Nil	55
K-Yote (24", .204)	SA	3	1-Nil	7	3	Nil	68
K-Yote (26", .204)	SA	3	1-Nil	7	3	Nil	74

K-Yote (20", 5.56mm)	SA	3	1-Nil	6	3	Nil	63
K-Yote (24", 5.56mm)	SA	3	1-Nil	7	3	Nil	76
K-Yote (26", 5.56mm)	SA	3	2-Nil	7	3	Nil	83
K-Yote (20", .243)	SA	3	2-Nil	6	3	Nil	59
K-Yote (24", .243)	SA	3	2-Nil	7	4	Nil	76
K-Yote (26", .243)	SA	3	2-Nil	7	4	Nil	83
K-Yote (20", .260)	SA	4	1-2-3	7	4	Nil	63
K-Yote (24", .260)	SA	4	1-2-3	7	4	Nil	83
K-Yote (26", .260)	SA	4	1-2-3	8	4	Nil	93
K-Yote (20", 7mm-08)	SA	4	2-3-Nil	7	4	Nil	69
K-Yote (24", 7mm-08)	SA	4	2-3-Nil	7	4	Nil	90
K-Yote (26", 7mm-08)	SA	4	2-3-Nil	8	4	Nil	97
K-Yote (20", 7.62mm)	SA	4	2-3-Nil	7	4	Nil	71
K-Yote (24", 7.62mm)	SA	4	2-3-Nil	7	4	Nil	91
K-Yote (26", 7.62mm)	SA	4	2-3-Nil	8	4	Nil	98

### Military Precision SSR-40

Notes: Military Precision is a company primarily known for it's adaptations of standard military weapons to fire only blanks, for use in TV and movies and for entertainment or practice. However, Military Precision recently introduced its first firing-type firearms. This series, the SSR-40, essentially consists of semiautomatic versions of the World War 2 German MP-40 submachinegun. For the most part, the SSR-40 is a faithful copy of the original, particularly in the exterior appearance. However, the SSR-40 is hammer-fired and fires from an closed bolt, rather than being striker-fired and firing from an open bolt as the MP-40 does. Military Precision makes the magazines and other accessories for the SSR-40, though original MP-40 magazines will also fit.

The SSR-40 is a short-barreled rifle version, and perhaps the closest to the original MP-40. (In the US, a lot of BATF red tape must be navigated to own one.) The SSR-40 currently is available only with a fixed stock (a strut-type with a rudimentary buttplate), but rumors about a folding-stock version. The barrel of this version is 10 inches.

The SSR-40R is essentially the same, but with a BATF-legal 16-inch barrel (the barrel is simply extended well beyond the front sight). This version does come in both fixed and folding stock versions.

The SSR-40 Pistol is more of a short-barreled stockless carbine than a pistol, though the US BATF does consider it legally a pistol. It looks essentially like a folding-stock MP-40, but the stock is permanently-folded and basically cosmetic, as it cannot be unfolded – it is welded and pinned to the rest of the weapon.

Weapon	Ammunition	Weight	Magazines	Price
SSR-40 (Fixed Stock)	9mm Parabellum	3.97 kg	20, 32	\$293
SSR-40 (Folding Stock)	9mm Parabellum	3.97 kg	20, 32	\$323
SSR-40R (Fixed Stock)	9mm Parabellum	4.12 kg	20, 32	\$354
SSR-4R (Folding Stock)	9mm Parabellum	4.12 kg	20, 32	\$384
SSR-40 Pistol	9mm Parabellum	3.73 kg	20, 32	\$273

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SSR-40 (Fixed Stock)	SA	2	Nil	5	1	Nil	26
SSR-40 (Folding Stock)	SA	2	Nil	4/5	1	Nil	26
SSR-40R (Fixed Stock)	SA	2	Nil	6	1	Nil	40
SSR-40R (Folding Stock)	SA	2	Nil	5/6	1	Nil	40
SSR-40 Pistol	SA	2	Nil	4	1	Nil	23

### Mitchell Arms AK-22

Notes: This is a small-caliber copy of the AKM. The weapon cannot use a bayonet or rifle grenades. The weapon has built-in cleaning rod and adjustable sights.

Weapon	Ammunition	Weight	Magazines	Price
Mitchell Arms AK-22	.22 Long Rifle	2.72 kg	29	\$213
Mitchell Arms AK-22	.22 Winchester Magnum Rimfire	2.72 kg	10	\$233

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mitchell Arms AK-22 (.22 Long Rifle)	SA	1	Nil	4	1	Nil	34
Mitchell Arms AK-22 (.22 Magnum)	SA	1	Nil	4	1	Nil	41

### Mitchell Arms FAMAS

Notes: This is a small-caliber copy of the FA-MAS, with a wooden stock, pistol grip, and handguard. It cannot use a bayonet or rifle grenades, and does not have a bipod.

Weapon	Ammunition	Weight	Magazines	Price
Mitchell Arms FAMAS	.22 Long Rifle	2.72 kg	29	\$204
Mitchell Arms FAMAS	.22 Winchester Magnum Rimfire	2.72 kg	10	\$224

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mitchell Arms FAMAS (.22 Long Rifle)	SA	1	Nil	3	1	Nil	30
Mitchell Arms FAMAS (.22 Magnum)	SA	1	Nil	3	1	Nil	37

### Mitchell Arms Galil

Notes: This is a small-caliber copy of the Galil. It is an almost-exact copy of the Galil, but has a wooden non-folding stock, and wooden pistol grip and handguard. It cannot mount a bayonet, fire rifle grenades, or mount a bipod. It also can't open bottles with the handguard.

Weapon	Ammunition	Weight	Magazines	Price
Mitchell Arms Galil	.22 Long Rifle	2.72 kg	29	\$231
Mitchell Arms Galil	.22 Winchester Magnum Rimfire	2.72 kg	10	\$252

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mitchell Arms Galil (.22 Long Rifle)	SA	1	Nil	5	1	Nil	37
Mitchell Arms Galil (.22 Magnum)	SA	1	Nil	5	1	Nil	46

### Mitchell's Mausers Black Lightning

Notes: This rifle is intended to be a varmint and pest-control rifle. It is, despite its rimfire calibers, a rather accurate rifle with decent range for its intended purpose.

The Black Lightning has (of course) a stock made of black polymer; because the buttstock is solid rather than hollow or filled, the Black Lightning is surprisingly heavy. Most of the metalwork is also finished in black. The barrel is 18 inches long, fluted, and extra-heavy, and is crowned. The top of the receiver has a MIL-STD-1913 rail for the mounting of optics, and scope rings as well as detachable iron sights (based on those of the AR-15) also come with the Black Lightning. Operation is by simple blowback. The magazine loads into the pistol grip. There is a narrow "bow" extending from about two-thirds of the way down the stock to the bottom of the pistol grip; Lisa Buttrell of Mitchell's Mausers says, "The bow conforms to the rifle's futuristic appearance and has a tendency to keep the BATF happy."

Twilight 2000 Notes: The Black Lightning does not exist in the Twilight 2000 timeline; indeed, it did not even go on real-world sale until late 2006.

Weapon	Ammunition	Weight	Magazines	Price
Black Lightning	.17 Mach 2 Rimfire	3.63 kg	9	\$243
Black Lightning	.17 Hornady Magnum Rimfire	3.68 kg	9	\$252
Black Lightning	.22 Long Rifle	3.68 kg	9	\$251
Black Lightning	.22 Winchester Magnum Rimfire	3.71 kg	9	\$271

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Black Lightning (.17 Mach 2)	SA	2	1-Nil	5	1	Nil	43
Black Lightning (.17 Hornady)	SA	2	1-Nil	5	1	Nil	48
Black Lightning (.22 Long Rifle)	SA	1	Nil	5	1	Nil	39
Black Lightning (.22 Magnum)	SA	1	Nil	5	1	Nil	48

### Mossberg 50

Notes: This rifle is noted for its toughness; it can take a great deal of abuse and keep going. It is otherwise a plain, even unsophisticated rifle. Introduced in 1939, the original Model 50 stopped production soon after the bombing of Pearl Harbor in 1941, as Mossberg began to concentrate on military weapons. The tubular magazine was in the stock, with a loading port cut into the right side. The stock was of plain hardwood with a pistol grip wrist. The sights were mounted on the 24-inch barrel, and consisted of spring-leaf and elevator rear and a simple ramp front.

Variants included the Model 51; this version used a heavier stock with a cheekpiece and a second micrometer-adjustable rear sight at the rear of the receiver. It was built only in small numbers in 1939, and though it is heavier than the Model 50, it shoots the same for game purposes. The Model 51M was built from 1939-41, and then again from 1945-46; it is a short version, with a 20-inch barrel and a Mannlicher-type stock. The cheekpiece on pre-war guns was of an oval shape, while on post-war Model 51Ms the cheekpiece is more of a wedge shape.

The Model 151M is a variant of the post-war Model 51M, and was built from 1946-47. Changes included a rubber recoil pad on the butt and modifications to the sights. The Model 151K was built from 1950-51, and differed in having a half-length fore-end with a Monte Carlo-type comb and cheekpiece, and a Schnabel tip on the fore-end. It omitted the recoil pad, and also had a full 24-inch barrel.



The Model 152 was a carbine variant built from 1948-52. The Model 152 had an 18-inch barrel, a Monte Carlo-type stock, and a fore-end tip which could be pivoted downward into sort of a foregrip. The Model 152 was also fed from a box magazine instead of the stock tube, and the rear sight was a simple peep-type. The Model 152K is virtually identical, but has a notch-type rear sight, and is identical to the Model 152 for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
<b>Mossberg 50</b>	.22 Long Rifle	3.08 kg	15 Tubular	\$296
<b>Mossberg 51</b>	.22 Long Rifle	3.12 kg	15 Tubular	\$297
<b>Mossberg 51M</b>	.22 Long Rifle	2.95 kg	15 Tubular	\$256
<b>Mossberg 151M</b>	.22 Long Rifle	3.02 kg	15 Tubular	\$306
<b>Mossberg 151K</b>	.22 Long Rifle	2.73 kg	15 Tubular	\$296
<b>Mossberg 152</b>	.22 Long Rifle	2.54 kg	7	\$235

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Mossberg 50</b>	SA	1	Nil	6	1	Nil	48
<b>Mossberg 51M</b>	SA	1	Nil	5	1	Nil	41
<b>Mossberg 151M</b>	SA	1	Nil	5	1	Nil	41
<b>Mossberg 151K</b>	SA	1	Nil	6	1	Nil	48
<b>Mossberg 152</b>	SA	1	Nil	5	1	Nil	37

### **Mossberg 350K**

Notes: This semiautomatic rimfire rifle shared some components with the Model 340 bolt-action rimfire rifle. Built from 1958-85, the Model 350 had a shrouded hammer and a Monte Carlo comb with a fixed cheekpiece. The receiver was round-topped and squared on the sides, and the mechanism shares many components with the Model 340 series. The stock was of the Monte Carlo-type with a cheekpiece on the left side of the stock (though it could also be ordered with the cheekpiece on the other side for left-handed shooters), and the fore-end was half-length and rounded at the tip. Barrel length was 23.5 inches, and the sights consisted of a rear spring-leaf and elevator with a front ramp.

There were many variants of the Model 350K, most of which are identical to the Model 350K for game purposes. Some which are not identical for game purposes include the Model 351C carbine, sometimes called the "Western Carbine." This version had a 18.5-inch barrel with a barrel band around the barrel and fore-end to which a saddle ring could be attached. The Model 351K used a tubular magazine in the stock, a 24-inch barrel, and an open spring-leaf and elevator rear sight. It was built only from 1958-60. The M-352 was another carbine variant of the Model 350K, with an 18.5-inch barrel, but lacking the cheekpiece and having a Tenite plastic fore-end extension which could swing downward to form a sort of foregrip. There are weight differences, but it shoots the same as the Model 351C for game purposes. The Model 377 Plinkster used a 20-inch barrel, was fed by a tubular magazine in the stock, and a stock of polystyrene within a walnut shell. The stock had a rollover comb and a thumbhole-type pistol grip wrist. No iron sights were provided, but instead a 4x scope came as standard equipment. The Model 380 was a simplified pattern, lighter than the rest of the series and with a tubular magazine in the stock. For game purposes, it shoots the same as the Model 350K. In 1985, the name of the Model 380 was changed to "Model 480," but changed back in 1986.

Weapon	Ammunition	Weight	Magazines	Price
<b>Mossberg 350K</b>	.22 Short, .22 Long, and .22 Long Rifle	2.78 kg	7	\$291
<b>Mossberg 351C</b>	.22 Short, .22 Long, and .22 Long Rifle	2.63 kg	7	\$240
<b>Mossberg 351K</b>	.22 Long Rifle	2.94 kg	15 Tubular	\$296
<b>Mossberg 352</b>	.22 Short, .22 Long, and .22 Long Rifle	2.6 kg	7	\$240
<b>Mossberg 377 Plinkster</b>	.22 Long Rifle	2.55 kg	15 Tubular	\$461
<b>Model 380</b>	.22 Long Rifle	2.5 kg	15 Tubular	\$289

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Mossberg 351K (.22 Short)</b>	SA	-2	Nil	6	1	Nil	39
<b>Mossberg 351K (.22 Long)</b>	SA	1	Nil	6	1	Nil	43
<b>Mossberg 351K (.22 Long Rifle)</b>	SA	1	Nil	6	1	Nil	47
<b>Mossberg 351C (.22 Short)</b>	SA	-2	Nil	5	1	Nil	31
<b>Mossberg 351C (.22 Long)</b>	SA	1	Nil	5	1	Nil	35
<b>Mossberg 351C (.22 Long Rifle)</b>	SA	1	Nil	5	1	Nil	38
<b>Mossberg 351K</b>	SA	1	Nil	6	1	Nil	48
<b>Mossberg 377 Plinkster</b>	SA	1	Nil	5	1	Nil	41

### **Mossberg 430**

Notes: This weapon was produced for only a few months between 1970 and 1971. The Model 430 used a round-topped slab-sided receiver. The rifle had a Monte Carlo-type stock with a short fore-end and checkering on the fore-end and pistol grip wrist. It was fed from a tubular magazine. Spring-leaf and elevator rear sights and a bead front sight were fitted, and the Model 430 had a 24-inch



barrel. The Model 433 was a deluxe version of the Model 430. The Model 432 was a carbine variant with a 20-inch barrel, a straight-wrist stock with no checkering, and a band around the fore-end and barrel. Production of the Model 432 did not stop until 1973.

None of these rifles were built in great numbers, and they are difficult to find today.

Weapon	Ammunition	Weight	Magazines	Price
<b>Mossberg 430</b>	.22 Long Rifle	2.86 kg	18 Tubular	\$291
<b>Mossberg 432</b>	.22 Long Rifle	2.72 kg	18 Tubular	\$251

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Mossberg 430</b>	SA	1	Nil	6	1	Nil	48
<b>Mossberg 432</b>	SA	1	Nil	5	1	Nil	41

## Mossberg MMR

Notes: A semiautomatic rifle from a company more known for their bolt-action hunting rifles, the MMR (Mossberg Modern Rifle) is an AR Clone with plenty of divergent figures to make it separate from the AR-15. The base model, the Hunter (called simply the MMR at first) has a flattop receiver with a MIL-STD-1913 rail machined into the top; no iron sights come with the rifle, but they can be had from Mossberg. The stock is of the A2 type, but the pistol grip is a Stark SE-1, which has a hinged compartment at the bottom for batteries or other small items. The handguards are round aluminum, textured for grip, and ventilated near the front. The 20-inch free floating barrel is of heavy profile and has a target crown. Standard Finish is Phosphate/Anodized (Black), but Mossy Oak Treestand and Mossy Oak Brush finishes are optional.

The Tactical is a shorter version of the Hunter. Differences include the 16.25-inch barrel tipped with a compact muzzle brake, a MIL-STD-1913 rail that extends down the receiver and top of the handguard, another rail underneath, an M-4-type sliding stock, and a black finish (only). Iron Sights to mount on the rails is optional

Weapon	Ammunition	Weight	Magazines	Price
<b>Hunter</b>	5.56mm NATO	3.18 kg	5, 6, 10, 20, 30	\$616
<b>Tactical</b>	5.56mm NATO	3.4 kg	5, 6, 10, 20, 30	\$596

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Hunter</b>	SA	3	1-Nil	6	3	Nil	60
<b>Tactical</b>	5	3	1-Nil	5	2	6	42

## MPA-971 Carbine

This is a rather odd-looking weapon; the handguards appear to be those of an M-4 carbine, the receiver group seems to be copied from the M-10 submachinegun, the stock looks like that of the Mk 48 machinegun, it has a MIL-STD-1913 rail with a flip-up rear sight (no front sight), the trigger group and lower receiver are modified FAL parts, and it can be fed from box magazines or even from an M-31 Suomi 71-round drum! The handguards are held in place by a screw-on ring, making removal easier, and the entire weapon strips rather easily. The muzzle readily accepts a variety of brakes, flash suppressors, and sound suppressors, though it is not sold this way. It is a strange-looking weapon, but it is otherwise rather effective, within the limitations of its ammunition. It is, unfortunately, a bit heavy, but this helps in controllability.

Weapon	Ammunition	Weight	Magazines	Price
<b>MPA-971 Carbine</b>	9mm Parabellum	4.54 kg	30, 50, 71 Drum	\$367

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>MPA-971 Carbine</b>	SA	2	1-Nil	5	1	Nil	36

## MSAR STG-556

Notes: One of the newest civilian versions of the Steyr AUG series is the STG-556. Built by a Steyr subsidiary in the US called Microtech Small Arms Research (MSAR), the STG-556 is actually built from better-quality materials and to closer tolerances than the AUG. The receiver is, in fact, made from 7075-76 aluminum rather than polymer, and is hardcoat-anodized. (The stock is still polymer.) The STG-556 also has a bolt hold-open feature and a forward assist. Though MIL-STD-1913 rails are not standard features, two attachment points for them are provided under the optical sight; alternatively, the STG-556 can be ordered without the AUG-like optical sight and with a MIL-STD-1913 rail atop the receiver instead. The optical sight is still 1.5x, but the reticle is different. Magazines used are of the traditional AUG-specific type used on the AUG A1 series, with 10 and 20-round magazines also being available. (These reduced-capacity magazines will also fit into an AUG A1.) An unusual feature is that the STG-556 can be had in 6.8mm SPC, and a kit is also available to convert a 5.56mm STG-556 to fire 6.8mm SPC.

A variant of the STG-556, the MSC-08, can be had as a complete rifle or as a kit to convert the STG-556 to the MSC-08 configuration. The MSC-08 is a 9mm carbine with a 16.5-inch barrel. The features are for the most part the same as the STG-556, except for the varying barrel lengths.

A new version of the STG-556 introduced in 2010, the STG-E4, is a modular kit (of various sizes according to which the customer is willing to pay) which allows for the use of either a 16-inch barrel or a 20-inch barrel and several ammunition chamberings. The kit

can be used on the lower receiver of a standard STG-556; the STG-E4 is sort of an outgrowth of the MSC-08 technology. The upper receiver kit may be had with the standard AUG-type 1.5x detachable sight or a 22.86-centimeter length of MIL-STD-1913 rail topped by the same optic, but with a rail interface. (The prices below assume the use of a MIL-STD-1913 rail; if the standard optic and interface is used, reduce price by 1% and weight by 0.01 kg.) The STG-E4 can be had with the furniture in OD Green, black, or tan. The STG-E4 will accept most commercial or military magazines of the appropriate caliber, but MSAR also makes their own magazine (the XM-30) which is made of translucent, non-glare polymer and has an improved-reliability magazine spring, follower, and guide rails for the follower. Each additional receiver/barrel /parts kit costs 30% the price of the original rifle as listed below with the same chambering, and has 50% of the weight.

Twilight 2000 Notes: These weapons do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
STG-556 (14" Barrel)	5.56mm NATO	3.21 kg	10, 20, 30, 42	\$674
STG-556 (16" Barrel)	5.56mm NATO	3.27 kg	10, 20, 30, 42	\$695
STG-556 (20" Barrel)	5.56mm NATO	3.36 kg	10, 20, 30, 42	\$736
STG-556 (14" Barrel)	6.8mm SPC	3.6 kg	8, 16, 26, 36	\$813
STG-556 (16" Barrel)	6.8mm SPC	3.67 kg	8, 16, 26, 36	\$834
STG-556 (20" Barrel)	6.8mm SPC	3.77 kg	8, 16, 26, 36	\$875
MSC-08	9mm Parabellum	3.51 kg	25, 32	\$500
STG-E4 (16" Barrel)	5.45mm Kalashnikov	3.16 kg	10, 20, 30, 40	\$650
STG-E4 (20" Barrel)	5.45mm Kalashnikov	3.34 kg	10, 20, 30, 40	\$691
STG-E4 (16" Barrel)	5.56mm NATO	3.26 kg	10, 20, 30, 42	\$701
STG-E4 (20" Barrel)	5.56mm NATO	3.45 kg	10, 20, 30, 42	\$743
STG-E4 (16" Barrel)	6.8mm SPC	3.66 kg	8, 16, 20, 26, 30, 36	\$833
STG-E4 (20" Barrel)	6.8mm SPC	3.75 kg	8, 16, 20, 26, 30, 36	\$874
STG-E4 (16" Barrel)	7.62mm Kalashnikov	3.77 kg	10, 20, 30, 40	\$951
STG-E4 (20" Barrel)	7.62mm Kalashnikov	3.86 kg	10, 20, 30, 40	\$993
MSC-08 Conversion Kit	N/A	1.76 kg	N/A	\$167

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
STG-556 (5.56mm, 14")	SA	3	1-Nil	4	2	Nil	29
STG-556 (5.56mm, 16")	SA	3	1-Nil	4	2	Nil	36
STG-556 (5.56mm, 20")	SA	3	1-Nil	5	2	Nil	50
STG-556 (6.8mm, 14")	SA	3	1-2-Nil	4	2	Nil	39
STG-556 (6.8mm, 16")	SA	3	1-2-Nil	4	2	Nil	48
STG-556 (6.8mm, 20")	SA	3	1-2-Nil	5	3	Nil	67
MSC-08	SA	2	Nil	5	1	Nil	37
STG-E4 (5.45mm, 16")	SA	3	1-Nil	4	2	Nil	40
STG-E4 (5.56mm, 20")	SA	3	1-Nil	5	2	Nil	55
STG-E4 (5.56mm, 16")	SA	3	1-Nil	4	2	Nil	36
STG-E4 (5.56mm, 20")	SA	3	1-Nil	5	2	Nil	50
STG-E4 (6.8mm, 16")	SA	3	1-2-Nil	4	2	Nil	48
STG-E4 (6.8mm, 20")	SA	3	1-2-Nil	5	3	Nil	67
STG-E4 (7.62mm, 16")	SA	4	2-Nil	5	4	Nil	40
STG-E4 (7.62mm, 20")	SA	4	2-3-Nil	6	4	Nil	54

### New England Arms K-702

Notes: This is a semiautomatic magnum rimfire rifle, with folding sights, and drilled and tapped for a scope mount.

Weapon	Ammunition	Weight	Magazines	Price
K-702	.22 Winchester Magnum Rimfire	2.95 kg	5, 10	\$291

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
K-702	SA	1	Nil	5	1	Nil	57

### Nosler Varmageddon

Notes: The Varmageddon name is taken not only by a rifle, but a line of ammunition, a special stock, and various other accouterments, meant of course, to be sold as a set. Nosler's treatment of the AR is designed, as the name suggests, to hunt and slay varmints and small game. The rifle itself is not so very special for an AR, being a mostly-standard AR-15-type weapon with a fancy Magpul PRS stock (adjustable for LOP and cheek height), a Magpul MOE pistol grip, an 18-inch barrel included in round handguards with 4-point MIL-STD-1913 rails, another such rail atop the receiver, a Geissele SD-E trigger pack, ambidextrous controls, and a Noveske BUIS. Finish is Type 3 hardcoat. The BUISS allow for micrometer adjustments. But all in all, it is merely a cut or two above a standard AR.

Weapon	Ammunition	Weight	Magazines	Price
Varmageddon	5.56mm NATO	3.86 kg	5, 10, 20, 30	\$614

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Varmageddon	SA	3	1-Nil	5/6	2	Nil	48

### Olympic Arms PCR-8 MAG

This is an AR-15A3 clone chambered for the new .243 Winchester Super Short Magnum cartridge or .223 Winchester Super Short Magnum cartridge. These cartridges, along with barrels 4 inches longer than normal, gives the weapons great accuracy. The weapon has been modified as little as possible to accommodate the new caliber, with changes to the barrel, bolt carrier group, and magazine well, as well as the recoil spring and mass. The weapon retains the flattop receiver with a MIL-STD-1913 rail. It does not, however, have any sort of flash suppressor or muzzle brake. The barrel is, however, of match quality.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
PC-8 MAG	.243 Winchester Super Short Magnum	3.31 kg	10	\$689
PC-8 MAG	.223 Winchester Super Short Magnum	3.33 kg	10	\$693

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
PC-8 MAG (.243)	SA	4	1-2-Nil	6	3	Nil	94
PC-8 MAG (.223)	SA	4	1-2-Nil	6	3	Nil	94

### Olympic Arms P Series and K Series

Notes: This is an AR-15A2 clone chambered for pistol cartridges. The weapon is mostly unmodified except for the modifications necessary for adaptation to the 9mm Parabellum cartridge, such as barrel (which is also shorter than normal), bolt-carrier group, magazine well, and sights; in addition, the weapon has no flash suppressor or muzzle brake of any kind. The handguards are short M-4-style handguards. The weapon is sold with 10-round magazines, but will in fact accept any sort of Glock-compatible magazine of the appropriate caliber. The PCR-30 is also similar to the other weapons of the PCR series, but is of lighter construction, and uses any magazine compatible with an M-1 Carbine. In addition, Olympic Arms also makes extended 40-round magazines for the PCR-30.

These rifles were largely discontinued after the demise of the Assault Weapons Ban, but in their place came the K series. These are for the most part identical to the PCR series, but being post-ban weapons, they are equipped with sliding stocks, flash suppressors, and can use larger-capacity magazines. All are available with 10 and 14-round magazines, but the K-9 is also able to use a modified Sten SMG magazine, while the others may use magazines modified from Uzi magazines. These magazines are proprietary, unfortunately. 16-inch barrels are standard; 20-inch barrels are optional.

It should be noted that on both the PCR series and the K series, there are forward assists; they don't actually do anything however, being there simply for looks and in imitation of the AR-15.

Twilight 2000 Notes: The PCR-30 is not available, nor are any of the K series.

Weapon	Ammunition	Weight	Magazines	Price
PCR-9	9mm Parabellum	3.18 kg	10, 17, 19, 33	\$279
PCR-10	10mm Colt	3.18 kg	10, 17	\$337
PCR-40	.40 Smith & Wesson	3.18 kg	9, 10, 15	\$317
PCR-45	.45 ACP	3.18 kg	6, 10, 13	\$360
PCR-30	.30 Carbine	2.93 kg	10, 15, 30, 40	\$302

K-9 (16" Barrel)	9mm Parabellum	3.11 kg	10, 14, 32	\$301
K-9 (20" Barrel)	9mm Parabellum	3.27 kg	10, 14, 32	\$342
K-10 (16" Barrel)	10mm Colt	3.11 kg	10, 14, 30	\$361
K-10 (20" Barrel)	10mm Colt	3.27 kg	10, 14, 30	\$402
K-40 (16" Barrel)	.40 Smith & Wesson	3.11 kg	10, 14, 30	\$340
K-40 (20" Barrel)	.40 Smith & Wesson	3.27 kg	10, 14, 30	\$380
K-45 (16" Barrel)	.45 ACP	3.11 kg	10, 14, 30	\$385
K-45 (20" Barrel)	.45 ACP	3.27 kg	10, 14, 30	\$425

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
PCR-9	SA	2	1-Nil	5	1	Nil	35
PCR-10	SA	2	1-Nil	5	2	Nil	39
PCR-40	SA	2	1-Nil	5	2	Nil	37
PCR-45	SA	2	1-Nil	5	2	Nil	38
PCR-30	SA	2	1-Nil	5	1	Nil	44
K-9 (16")	SA	2	1-Nil	3/5	1	Nil	35
K-9 (20")	SA	2	1-Nil	4/5	1	Nil	46
K-10 (16")	SA	2	1-Nil	4/5	2	Nil	39
K-10 (20")	SA	2	1-Nil	4/6	2	Nil	50
K-40 (16")	SA	2	1-Nil	3/5	2	Nil	37
K-40 (20")	SA	2	1-Nil	4/5	2	Nil	48
K-45 (16")	SA	2	1-Nil	4/5	2	Nil	38
K-45 (20")	SA	2	1-Nil	4/6	2	Nil	49

### Precision Weapons Krinkov AOW

Notes: This is basically a faux semiautomatic version of the Russian AKR submachinegun, with enough changes to make it US Class 3-legal and a few other cosmetic changes. The Krinkov AOW is based on a pre-ban milled receiver. As the Krinkov AOW is based on a standard civilian version of an AK-47, the designer had to make a lot of changes to the operating mechanism to adapt it to the shorter barrel; however, the workmanship is excellent. The front grip is angled so that it better helps with stabilizing the weapon against barrel climb. There is a recoil buffer in the receiver and a good muzzle brake.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Krinkov AOW	7.62mm Kalashnikov	3.32 kg	10, 30, 40, 75 Drum	\$821

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Krinkov AOW	SA	3	2-Nil	3	3	Nil	17

### PWS Woodland

Notes: This is not just another AR mod – The Woodland is a beautiful rifle. The fore-end and stock are of black/olive laminated hardwood, with a club-foot type stock and a sculpted wooden pistol grip. The butt is capped with a grippy rubber cap that really grabs on. The buttstock carries the buffer tube, and has a compartment with a copy of the proprietary barrel nut that the Woodland uses. The handguard has three holes cut in each side for cooling; questions have arisen whether these holes are enough to keep the barrel cool in sustained firing. Under the wood of the fore-end is aluminum, which does help distribute heat. It looks, in fact, like some of the descriptions of the M-16EZ – but an M-16EZ could not approach the accuracy of a Woodland without a lot of rifle surgery.

The other parts of the AR that are aluminum are aluminum on an AR are aluminum on a Woodland – the same with steel parts. The 18-inch barrel is in fact stainless steel – and free floating. It is ever so slightly tapered, and tipped by a compact muzzle brake. (The brake's action is described as "loud as hell," but very effective.) The trigger is a 2-stage match trigger made by Geissele, and the top of the receiver has a MIL-STD-1913 rail machined directly as a part of the upper receiver. The chamber is designed specifically to fire civilian .223 and military 5.56mm ammunition (not important by *Twilight 2000* v2.2 game rules, but an interesting wrench to throw into the game). Operation is by gas piston and the bolt carrier group is specifically designed to work with a gas piston system. A Bravo Gunfighter charging handle is used as it works better with overhanging optics.

Weapon	Ammunition	Weight	Magazines	Price
Woodland	5.56mm NATO	3.46 kg	5, 10, 20, 30	\$706

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Woodland	SA	3	1-Nil	6	2	Nil	50

## Red Rock Arms BW-5

Notes: Red Rock Arms (formerly known as Bobcat Weapons; in 2008, a heavy equipment manufacturer asserted their trademark to the name "Bobcat") was known for the licensed manufacture of semiautomatic Heckler & Koch clones, most notably the HK-94. One of their latest ventures is a semiautomatic carbine variant of the MP-5 submachinegun (in particular, the FBI HRT version of the MP-5), known as the BW-5. The BW-5 is similar in appearance to the MP-5, and operate in a similar manner (except for automatic fire functions; however, to meet US legal requirements, they have 16.5-inch barrels instead of the standard barrel of an MP-5. The barrels further have a 1:10 twist and the weapon is equipped with a fluted chamber for more positive extraction. Buttstocks and handguards are synthetic; made from fiberglass-filled Nylon, in OD green, black, desert tan, or camouflage patterns. The BW-5 was originally built to accept a 10-round magazine to keep it within post-ban legal limits, but with the sunset of the Assault Weapons Ban, 20 and 30-round magazines could be had for the BW-5, and newer versions could accept MP-5 magazines. Two versions of the BW-5 exist: the BW-5 Standard Sporting Rifle, which is a straightforward carbine adaptation of the MP-5, and the BW-5 FS Sporting Rifle, which has a shorter barrel, but is equipped with a dummy silencer (for looks only; it does not reduce noise at all, and is legally considered an extension of the barrel). The BW-5 FS also has ambidextrous magazine release controls.

In 2008, Red Rock Arms announced the discontinuation of all versions of the BW-5; their source for parts had gone out of business. Red Rock Arms continued to sell the BW-5 until late in 2009, when they ran out of existing supplies of parts, but by early November of 2009, the BW-5 was no longer for sale by Red Rock Arms.

Twilight 2000 Notes: The versions of the BW-5 for sale in the Twilight 2000 timeline are essentially equivalent to post-Ban versions of the BW-5, able to use any sort of MP-5 magazine. The company would still be called Bobcat Weapons in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
<b>BW-5 Standard</b>	9mm Parabellum	2.95 kg	10, 20, 30	\$284
<b>BW-5 FS</b>	9mm Parabellum	3.03 kg	10, 20, 30	\$350

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>BW-5 Standard</b>	SA	2	2-Nil	5	1	Nil	37
<b>BW-5 FS</b>	SA	2	2-Nil	5	1	Nil	37

## Red Rock Arms ATR-1

Notes: The ATR-1 is another version of the FN-FAL, but it is chambered for 5.56mm NATO instead of 7.62mm NATO. (It is not based on the FNC.) Much of the parts are interchangeable with a metric-measurement FN-FAL, with some of the parts inside the receiver, the barrel, bolt group and bolt hold-open parts, and the magazine release being designed for use on the ATR-1 – and some of those parts are taken from or modified from the FNC and AR-15. The ATR-1 is also designed to be highly customizable; virtually any sort of aftermarket accessory imaginable can be put onto an ATR-1.

A semiautomatic-only weapon, the ATR-1 uses an adjustable gas system like that of the FAL. (Though it was not an intentional part of the design, the gas system can be adjusted to a point that allows it to function with a silencer fitted to the ATR-1, even if using subsonic ammunition.) The gas system can also be adjusted to the point that the rifle will fire, but not cycle; this can be useful when training those not familiar with firearms. The ATR-1 is designed so that an auto sear will not fit into it. The ATR-1 can be fed by any magazine that will fit into an AR-15, M-16, or M-4. The barrel is 16.25 inches long, technically making it a carbine, and it is tipped with an AR-15A2-type flash suppressor. The stock, fore-end, and pistol grip are made from lightweight glass-filled nylon. The primary external metal finish is in black Duracoat, though some minor parts are finished in black oxide.

Twilight 2000 Notes: The ATR-1 is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
<b>ATR-1</b>	5.56mm NATO	3.63 kg	5, 10, 20, 30	\$567

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>ATR-1</b>	SA	3	1-Nil	6	2	Nil	41

## Remington 8

Notes: Later known as the Model 8A, the Model 8 was the first centerfire semiautomatic rifle to be built in North America. It was designed by John Browning, and while it is not one of his more elegant designs, it does function well. The Model 8 is recoil-operated, with the recoil spring surrounding the barrel and inside a steel metal tube jacket surrounding the barrel. When fired, the barrel, bolt, and bolt carrier assembly recoil as a unit. The stock normally incorporates a straight wrist, but half pistol grips could be ordered upon request. The standard rifle was chambered only for proprietary Remington cartridges, but the Model 81A Woodsmaster variant was also made for .300 Savage cartridges.

Weapon	Ammunition	Weight	Magazines	Price
<b>Remington 8</b>	.25 Remington	3.22 kg	5	\$804
<b>Remington 8</b>	.30 Remington	3.36 kg	5	\$1037
<b>Remington 8</b>	.32 Remington	3.46 kg	5	\$1110



Remington 8	.35 Remington	3.94 kg	5	\$1709
Remington 81A	.25 Remington	3.44 kg	5	\$804
Remington 81A	.30 Remington	3.59 kg	5	\$1037
Remington 81A	.32 Remington	3.7 kg	5	\$1110
Remington 81A	.35 Remington	4.21 kg	5	\$1709
Remington 81A	.300 Savage	3.5 kg	5	\$979

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 8/81A (.25)	SA	3	2-Nil	7	4	Nil	63
Remington 8/81A (.30)	SA	4	2-3-Nil	7	4	Nil	72
Remington 8/81A (.32)	SA	4	2-3-Nil	7	4	Nil	72
Remington 8/81A (.35)	SA	5	2-3-Nil	7	4	Nil	72
Remington 81A (.300)	SA	4	2-3-Nil	7	4	Nil	71

## Remington 16

Notes: This is an early rimfire autoloader that was not particularly successful, yet was built for about 14 years. Only the version chambered for .22 Remington Auto was built after 1918. The Remington 16 was a takedown rifle with a concealed hammer. The tubular magazine is in the butt. As with many Remington designs of the period, the Remington 16 came in Grades A-F, with the weapon becoming successively fancier and more decorated as one progressed through the grades.

Weapon	Ammunition	Weight	Magazines	Price
Remington 16	.22 Short	2.57 kg	15 Tubular	\$268
Remington 16	.22 Long Rifle	2.6 kg	15 Tubular	\$276
Remington 16	.22 Winchester Magnum Rimfire	2.67 kg	15 Tubular	\$297
Remington 16	.22 Remington Auto	2.61 kg	15 Tubular	\$279

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 16 (.22 Short)	SA	-2	Nil	5	1	Nil	36
Remington 16 (.22 Long Rifle)	SA	1	Nil	5	1	Nil	45
Remington 16 (.22 Magnum)	SA	1	Nil	5	1	Nil	57
Remington 16 (.22 Auto)	SA	1	Nil	5	1	Nil	48

## Remington 24

Notes: This is basically an FN-Browning design produced under license, with few changes. Though the license was granted in 1917, production was delayed until 1922, due to Remington's obligations to the US government during World War 1. (By this time, Remington decided to change the name to the Model 24A.) Production continued until 1935, with about 80,000 being built.

Operation of the Model 24 was by a rather simple blowback mechanism. The Model 24 was fed by a tubular magazine in the stock of the rifle; loading was done through a loading gate in right side of the stock just behind the pistol grip wrist. Case ejection was downward in front of the trigger guard. Versions chambered for .22 Long Rifle used 21-inch barrels; those chambered for .22 Short had 19-inch barrels.

From 1935-1941, and later from 1945-1951, Remington brought back the Model 24 in the form of the Model 241A Speedmaster. The Model 241A used a 24-inch barrel in both chamberings, and was designed with a strengthened receiver and mechanism to handle more powerful loads. The Model 241A was also a "takedown gun;" it was designed to be easily disassembled into its major components for transport or storage.

Weapon	Ammunition	Weight	Magazines	Price
Remington 24	.22 Short	2.2 kg	10 Tubular	\$238
Remington 24	.22 Long Rifle	2.27 kg	10 Tubular	\$266
Remington 241A	.22 Short	2.33 kg	10 Tubular	\$289
Remington 241A	.22 Long Rifle	2.35 kg	10 Tubular	\$296

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 24 (.22 Short)	SA	-2	Nil	5	1	Nil	32
Remington 24 (.22 Long Rifle)	SA	1	Nil	5	1	Nil	43
Remington 241A (.22 Short)	SA	-2	Nil	6	1	Nil	36
Remington 241A (.22 Long Rifle)	SA	1	Nil	6	1	Nil	48

## Remington 522 Viper

Notes: This is another synthetic-stocked rimfire rifle, this one much newer than the Nylon 66 (1993). The Viper is made of matte black composite materials. It has a bolt hold-open device after the magazine is empty, and a box magazine instead of a tube. The Viper has a William's-type rear sight which is extremely adjustable. The Viper has a rail on top for the attachment of telescopic sights.



Weapon	Ammunition	Weight	Magazines	Price
Remington 522 Viper	.22 Long Rifle	2.1 kg	10	\$260

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 522 Viper	SA	1	Nil	5	1	Nil	41

### Remington 550

Notes: Unlike most semiautomatic rimfire rifles, the Remington 550 can chamber .22 Short, .22 Long, and .22 Long Rifle ammunition interchangeably – even to the point of mixing them in the magazine. This is done with a floating chamber known as a “Power Piston.”

Weapon	Ammunition	Weight	Magazines	Price
Remington 550	.22 Short, .22 Long, and .22 Long Rifle	2.84 kg	22 (.22 Short), 19 (.22 Long), 15 (.22 Long Rifle); Tubular	\$276

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 550 (.22 Short)	SA	-2	Nil	5	1	Nil	36
Remington 550 (.22 Long)	SA	1	Nil	5	1	Nil	41
Remington 550 (.22 Long Rifle)	SA	1	Nil	5	1	Nil	46

### Remington 552 Speedmaster

Notes: The Speedmaster is a semiautomatic rimfire rifle using inertia locking recoil operation to actuate the mechanism. The Speedmaster was introduced as the Model 552A Speedmaster in 1959, and sold as such until 1988, when the “A” was dropped. The stock and fore-end is of walnut, and it is fed by a tubular magazine. In 1966, a variant of this weapon known as the Model 552 BDL Speedmaster was introduced; this is a luxury version with a shorter barrel and lesser weight, but with elaborate metalwork. The tubular magazine can handle .22 Short, .22 Long, and .22 Long Rifle rounds, even interchangeably.

Weapon	Ammunition	Weight	Magazines	Price
Remington 552	.22 Short, .22 Long, and .22 Long Rifle	2.67 kg	22 (.22 Short), 17 (.22 Long), 15 (.22 Long Rifle); Tubular	\$281
Remington 552 BDL	.22 Short, .22 Long, and .22 Long Rifle	2.6 kg	22 (.22 Short), 17 (.22 Long), 15 (.22 Long Rifle); Tubular	\$261

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 552 (.22 Short)	SA	-2	Nil	5	1	Nil	36
Remington 552 (.22 Long)	SA	1	Nil	5	1	Nil	41
Remington 552 (.22 Long Rifle)	SA	1	Nil	5	1	Nil	46
Remington 552 BDL(.22 Short)	SA	-2	Nil	5	1	Nil	35
Remington 552 BDL(.22 Long)	SA	-1	Nil	5	1	Nil	39
Remington 552 BDL(.22 Long Rifle)	SA	1	Nil	5	1	Nil	43

### Remington 597

This family of rifles was introduced in 1997. They are semiautomatic rifles with plastic or wood stocks (depending upon the model). The base Model 597 has a dark gray plastic stock and is chambered in .22 Long Rifle, the Model 597 Magnum has a black plastic stock and is chambered in .22 Winchester Magnum Rimfire, the Model 597 LS has a laminated wood stock and is chambered for .22 Winchester Magnum Rimfire, and the Model 597 LSS has a laminated wood stock and a stainless steel barrel and receiver, and is chambered for .22 Long Rifle. All these versions have internal parts coated with a thin layer of Teflon for smooth operation. They use an improved version of the Nylon 66's trigger. They use rear leaf sights which are adjustable for height and drift, and the receiver is also drilled and tapped for a telescopic sight. They are magazine-fed.

Other variants of the Model 597 are the Model 597 SS, introduced in 1998; it has the stainless steel receiver and barrel of the Model 597 LSS, but the synthetic stock of the Model 597. It is identical for game purposes to the Model 597. The Model 597 Custom Target and Custom Target Magnum are match-barreled versions of the standard models, with wooden stocks, match triggers, and no iron sights. The Model 597 Stainless Sporter has a stainless steel barrel, aluminum alloy receiver and a wooden stock. The Model 597 HB and HB Magnum have heavy blued-steel barrels, wooden stocks, and no iron sights. In 2003, a version of the Model 597 Magnum appeared chambered in .17 Hornady Magnum Rimfire, and this version may be had with a synthetic or wooden stock.

Twilight 2000 Notes: These rifles do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 597	.22 Long Rifle	2.5 kg	10	\$260
Remington 597 Magnum	.22 Winchester Magnum Rimfire	2.6 kg	9	\$281
Remington 597 Magnum (Plastic Stock)	.17 Hornady Magnum Rimfire	2.7 kg	7	\$359

Remington 597 Magnum (Wooden Stock)	.17 Hornady Magnum Rimfire	2.9 kg	7	\$349
Remington 597 LS	.22 Winchester Magnum Rimfire	2.8 kg	9	\$271
Remington 597 LSS	.22 Long Rifle	2.7 kg	10	\$250
Remington 597 Custom Target	.22 Long Rifle	3.4 kg	10	\$260
Remington 597 Custom Target Magnum	.22 Winchester Magnum Rimfire	3.6 kg	9	\$281
Remington 597 Stainless Sporter	.22 Long Rifle	2.65 kg	10	\$250
Remington 597 HB	.22 Long Rifle	3.4 kg	10	\$255
Remington 597 HB Magnum	.22 Winchester Magnum Rimfire	3.6 kg	9	\$276

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 597/597 LSS	SA	1	Nil	5	1	Nil	41
Remington 597 Magnum/597 LS (.22 Magnum)	SA	1	Nil	5	1	Nil	52
Remington 597 Magnum (.17)	SA	2	1-Nil	5	1	Nil	52
Remington 597 Custom Target	SA	1	Nil	5	1	Nil	43
Remington 597 Custom Target Magnum	SA	1	Nil	5	1	Nil	54
Remington 597 Stainless Sporter	SA	1	Nil	5	1	Nil	41
Remington 597 HB	SA	1	Nil	5	1	Nil	42
Remington 597 HB Magnum	SA	1	Nil	5	1	Nil	53

### Remington 740A Woodsmaster

Notes: This rifle was developed to replace the Model 81 in production. It was externally similar to the pump-action Model 760. It had a straight-comb butt and the rear sight was quite far forward – almost a quarter of the way down the barrel. The Remington 740A was chambered for one of three calibers. The Remington 742A was almost identical, except for the expanded range of cartridges, but most of the changes were cosmetic. The Model 742 Carbine had only an 18.5" barrel, but was built in only two calibers. Other versions (the 740ADL, 740BDL, 742ADL, 742BDL, 742D Peerless, and 742F Premier) were primarily deluxe rifles.

In 2005, Remington introduced the Model 750. This is an update of the Model 742A, including a new stock with a different shape. Users of the Model 742A said that while the high Monte Carlo comb of that rifle was perfect for using iron sights, it was really the wrong shape for use with a scope. The Model 750's stock uses a lower comb, and in addition has a thick R3 rubber recoil pad. The pistol grip wrist and fore-end are checkered. The fore-end is also reshaped, being tapered in the direction of the muzzle of the barrel. The fore-end also has a finger swell which runs almost all the way back to the receiver. The walnut of the stock and fore-end are of select grade and dark-stained with a polyurethane finish. Inside, the gas orifice holes have been moved rearward slightly, allowing the bolt to move more efficiently, improving feed reliability, and fouling the system less.

Twilight 2000 Notes: The Model 750 Rifle and Carbine are not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 740A	.280 Remington	3.55 kg	4	\$1092
Remington 740A	7.62mm NATO	3.47 kg	4	\$1034
Remington 740A	.30-06 Springfield	3.75 kg	4	\$1220
Remington 742A	.243 Winchester	2.8 kg	4	\$742
Remington 742A	.280 Remington	3.27 kg	4	\$1087
Remington 742A	7.62mm NATO	3.19 kg	4	\$1029
Remington 742A	.30-06 Springfield	3.45 kg	4	\$1215
Remington 742 Carbine	7.62mm NATO	3.14 kg	4	\$993
Remington 742 Carbine	.30-06 Springfield	3.4 kg	4	\$1180
Remington 750	.243 Winchester	3.4 kg	4	\$817
Remington 750	.270 Winchester	3.69 kg	4	\$1123
Remington 750	7.62mm NATO	3.64 kg	4	\$1104
Remington 750	.30-06 Springfield	3.94 kg	4	\$1290
Remington 750	.35 Whelan	4.27 kg	4	\$2085
Remington 750 Carbine	.243 Winchester	3.29 kg	4	\$782
Remington 750 Carbine	.270 Winchester	3.57 kg	4	\$1087
Remington 750 Carbine	7.62mm NATO	3.52 kg	4	\$1068
Remington 750 Carbine	.30-06 Springfield	3.81 kg	4	\$1255
Remington 750 Carbine	.35 Whelan	4.13 kg	4	\$1978

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 742A (.243)	SA	3	2-Nil	7	3	Nil	60
Remington 740A/742A (.280)	SA	4	2-3-Nil	7	4	Nil	56
Remington 740A/742A (7.62mm)	SA	4	2-3-Nil	7	4	Nil	72
Remington 740A/742A (.30-06)	SA	4	2-3-Nil	7	4	Nil	62

Remington 742 Carbine (7.62mm)	SA	4	2-3-Nil	6	4	Nil	55
Remington 742 Carbine (.30-06)	SA	4	2-3-Nil	7	4	Nil	48
Remington 750 (.243)	SA	3	2-Nil	6	2	Nil	60
Remington 750 (.270)	SA	4	2-3-Nil	7	3	Nil	55
Remington 750 (7.62mm)	SA	4	2-3-Nil	7	3	Nil	72
Remington 750 (.30-06)	SA	4	2-3-Nil	7	3	Nil	62
Remington 750 (.35)	SA	5	2-4-Nil	7	4	Nil	72
Remington 750 Carbine (.243)	SA	3	2-Nil	6	2	Nil	46
Remington 750 Carbine (.270)	SA	4	2-3-Nil	6	3	Nil	42
Remington 750 Carbine (7.62mm)	SA	4	2-3-Nil	6	4	Nil	55
Remington 750 Carbine (.30-06)	SA	4	2-3-Nil	6	3	Nil	48
Remington 750 Carbine (.35)	SA	5	2-4-Nil	7	4	Nil	55

**Remington 1100 SFRCL Deer Gun**

Notes: This version of the Remington 1100 shotgun, introduced in 1997, is nominally also a shotgun, but it has a fully rifled barrel and is designed for firing only slugs or Saboted slugs, and firing shot through it will damage that rifling and should not be done. "SFRCL" stands for "Synthetic Fully-Rifled Cantilever;" the "Synthetic" part refers to its reinforced plastic stock, the "Fully-Rifled" part refers to its barrel, and the "Cantilever" part refers to its special sight base which accepts most civilian sights and telescopic sights. Another version of the Model 1100 SFRCL, the Model 1100 LT-20 FRRS (Fully-Rifled Rifle-Sighted) is designed for 20 gauge and has a rear adjustable leaf sight; it is not drilled and tapped for a scope, nor does it have the special sight base of the SFRCL.

Twilight 2000 Notes: These weapons do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 1100 SFRCL	12 Gauge 2.75" (Slugs Only)	3.4 kg	5 Tubular	\$667
Remington 1100 LT-20 FRRS	20 Gauge 2.75" (Slugs Only)	3.2 kg	5 Tubular	\$536

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 1100 SFRCL	SA	6	2-4-Nil	7	5	Nil	67
Remington 1100 LT-20 FRRS	SA	5	2-4-Nil	6	5	Nil	67

**Remington Four**

Notes: Essentially a modernized Model 740 series, the Model Four was introduced in 1981. The Model Four has a hardwood stock with a high-gloss (and weatherproof) polyurethane finish, shaped in the Monte Carlo style with a pistol grip wrist and checkering on the grip and fore-end. An interesting feature is a cartridge case cap on the bottom of the casing of the rifle; this cap is the same as the chambering of the rifle. It was produced in several variants other than the standard rifle, including the Peerless, with an engraved receiver and premium woods for the stock, and the Premier, with gold-inlaid engraving. (These two are identical to the standard model for game purposes.)

The Model Four was built until 1987 and sold until 1989, but it was replaced by the Model 7400. The first of this line was the Model 74, which was basically an inexpensive version of the Remington 7400. It was made only from 1985-1987, and only in one chambering (.30-06 Springfield). The standard version of the Model 7400 itself is identical to the Model Four for game purposes. Several special editions of the Model 7400 were built, including the Model 7400 ADF (American Deer Foundation), in .30-06 only and with part of the proceeds from the sales going to that foundation. The Model 7400 was brought out in .35 Whelan, a popular cartridge in Europe at that time (1992), specifically for sales to that continent; it was discontinued in 1997. The Model 7400 Jubilee came out in 1996, to celebrate Remington's 180<sup>th</sup> anniversary; this version has a receiver with engravings inlaid with gold. The Model 7400 Synthetic was introduced in 1998; this version has a high-impact plastic/fiberglass stock and reduced weight, but is otherwise identical to the standard version. A carbine version of the Model 7400 Synthetic with an 18.5-inch barrel was also available at the same time, but chambered only for .30-06 Springfield.

Twilight 2000 Notes: The Model 7400 Jubilee, Model 7400 Synthetic, and Model 7400 Synthetic Carbine do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington Four	6mm Remington	3.4 kg	4	\$786
Remington Four	.243 Winchester	3.32 kg	4	\$742
Remington Four	.270 Winchester	3.91 kg	4	\$1048
Remington Four	.280 Remington	3.98 kg	4	\$1087
Remington Four	7.62mm NATO	3.88 kg	4	\$1029
Remington Four	.30-06 Springfield	4.2 kg	4	\$1215
Remington 7400	.35 Whelan	4.92 kg	4	\$2010
Remington 7400 Synthetic	.243 Winchester	3.24 kg	4	\$752
Remington 7400 Synthetic	.270 Winchester	3.82 kg	4	\$1058
Remington 7400 Synthetic	.280 Remington	3.89 kg	4	\$1097

Remington 7400 Synthetic	7.62mm NATO	3.79 kg	4	\$1039
Remington 7400 Synthetic	.30-06 Springfield	4.11 kg	4	\$1225
Remington 7400 Synthetic Carbine	.30-06 Springfield	4.05 kg	4	\$1190

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington Four (6mm)	SA	3	2-Nil	6	3	Nil	55
Remington Four (.243)	SA	3	2-Nil	6	3	Nil	60
Remington Four (.270)	SA	4	2-3-Nil	7	4	Nil	55
Remington Four (.280)	SA	4	2-3-Nil	7	4	Nil	56
Remington Four (7.62mm)	SA	4	2-3-Nil	7	4	Nil	72
Remington Four (.30-06)	SA	4	2-3-Nil	7	4	Nil	62
Remington 7400 (.35)	SA	5	2-4-Nil	7	5	Nil	72
Remington 7400 Synthetic (.243)	SA	3	2-Nil	6	3	Nil	60
Remington 7400 Synthetic (.270)	SA	4	2-3-Nil	7	4	Nil	55
Remington 7400 Synthetic (.280)	SA	4	2-3-Nil	7	4	Nil	56
Remington 7400 Synthetic (7.62mm)	SA	4	2-3-Nil	7	4	Nil	72
Remington 7400 Synthetic (.30-06)	SA	4	2-3-Nil	7	4	Nil	62
Remington 7400 Synthetic Carbine (.30-06)	SA	4	2-3-Nil	6	4	Nil	48

Remington Nylon 66

Notes: This was a “futuristic” rifle at the time it was introduced (1959); its stock was made of injection-molded Zytel instead of wood. They could be made in almost any color (though the original Nylons were made in “Mohawk brown” wood grain finish), and color variants include Apache black, Seneca green (very garish), and some others. All have molded checkering in the right places. The tubular magazine is in the butt.

Weapon	Ammunition	Weight	Magazines	Price
Nylon 66	.22 Long Rifle	2.61 kg	14 Tubular	\$257

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Nylon 66	SA	1	Nil	5	1	Nil	40

Remington R-15 VTR

Notes: This AR-15-type rifle is designed primarily for hunting light game and varmints, though the later Hunter variants are designed for heavier game. Produced in partnership with Bushmaster, the R-15 VTR uses a bull-profile ChroMoly barrel with button rifling, free-floating, and fluting to decrease weight. Rifle versions, including the Hunter, use 22-inch barrels in .30 Remington AR and an 18-inch barrel in .450 Bushmaster, the Carbine versions use 18-inch barrels, and the SS Varmint version uses a 22-inch barrel. The finish is an Advantage Max-1 HD camouflage pattern, with the exception of the Hunter version, which has a Realtree AP HD pattern. The R-15 VTR can be had with several barrel lengths, stock options, and pistol grip options, and as the rifle is of modular construction these options can be mixed and matched to suit the buyer. The trigger module is a single-stage trigger with a very clean and crisp pull, conducive to tight shot groups. The receiver is topped with a Weaver rail, and the aluminum handguards are round and ventilated. Collapsible stock versions come with an M-4-type stock, but with six positions. The Byron South Edition is a very fancy version of the R-15 VTR Predator Carbine in 5.56mm; for game purposes, they are identical.

Twilight 2000 Notes: The R-15 VTR is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
R-15 VTR Predator Rifle	.204 Ruger	3.52 kg	5	\$589
R-15 VTR Predator Rifle	5.56mm NATO	3.52 kg	5, 10, 20, 30	\$639
R-15 VTR Predator Carbine	.204 Ruger	3.06 kg	5	\$546
R-15 VTR Predator Carbine	5.56mm NATO	3.06 kg	5, 10, 20, 30	\$595
R-15 VTR Predator Carbine CS	.204 Ruger	3.06 kg	5	\$566
R-15 VTR Predator Carbine CS	5.56mm NATO	3.06 kg	5, 10, 20, 30	\$615
R-15 VTR SS Varmint	5.56mm NATO	3.52 kg	5, 10, 20, 30	\$660
R-15 VTR Hunter	.30 Remington AR	3.52 kg	4	\$876
R-15 VTR Hunter	.450 Bushmaster	4.4 kg	4	\$2056

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
R-15 VTR Predator Rifle (.204)	SA	3	1-Nil	6	3	Nil	60
R-15 VTR Predator Rifle (5.56mm)	SA	3	1-Nil	6	3	Nil	67
R-15 VTR Predator Carbine (.204)	SA	3	1-Nil	6	3	Nil	44
R-15 VTR Predator Carbine (5.56mm)	SA	3	1-Nil	6	3	Nil	51



<b>R-15 VTR Predator Carbine CS (.204)</b>	SA	3	1-Nil	4/6	3	Nil	44
<b>R-15 VTR Predator Carbine CS (5.56mm)</b>	SA	3	1-Nil	4/6	3	Nil	51
<b>R-15 VTR SS Varmint</b>	SA	3	1-Nil	7	3	Nil	73
<b>R-15 VTR Hunter (.30)</b>	SA	5	1-2-3	7	4	Nil	84
<b>R-15 VTR Hunter (.450)</b>	SA	6	1-3-Nil	7	5	Nil	57

### Rhineland Arms R-22/R-17

Notes: The R-22 is a .22 Long Rifle autoloading rifle which is an amalgamation of different weapons, along with original components and improvements. The bolt of the R-22 is a slightly-modified Ruger 10/22, and it can feed from standard Ruger 10/22 magazines in addition to its own proprietary magazines. The trigger is a standard AR-15 trigger, and the R-22 is able to accept any number of aftermarket AR-15-compatible trigger assemblies. The selector switch is also that of an AR-15. The barrel is free-floating and button-rifled, and headspace is adjusted using a Savage-type locking nut system. The barrel also comes in standard barrel and bull-barrel versions. The stock is scaled down from a standard Heckler & Koch MP-5 stock. The receiver is topped with a MIL-STD-1913 rail, and the handguard is a scaled-down FAL handguard, modified to be flat on the bottom. The bottom of the handguard is drilled and tapped for a variety of mounts or for mounting a bipod. No iron sights are provided.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
<b>R-22 (Standard Barrel)</b>	.22 Long Rifle	3.06 kg	5, 10, 20, 30	\$225
<b>R-22 (Bull Barrel)</b>	.22 Long Rifle	3.1 kg	5, 10, 20, 30	\$233
<b>R-17 (Standard Barrel)</b>	.17 Mach 2 Rimfire	3.34 kg	5, 10, 20, 30	\$286
<b>R-17 (Standard Barrel)</b>	.17 Mach 2 Rimfire	3.38 kg	5, 10, 20, 30	\$294

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>R-22 (Standard Barrel)</b>	SA	1	Nil	4	1	Nil	34
<b>R-22 (Bull Barrel)</b>	SA	1	Nil	4	1	Nil	36
<b>R-17 (Standard Barrel)</b>	SA	2	1-Nil	4	1	Nil	36
<b>R-17 (Bull Barrel)</b>	SA	2	1-Nil	4	1	Nil	38

### Robinson Arms Vepr K

Notes: This may be described as an "American Vepr," an American-made version of the Vepr sporting rifle originally built by Kalashnikov. Robinson Arms, upon acquiring their imported Vepr and Vepr 2 rifles, discovered they could not (in good conscience) reproduce the poor quality of those rifles and then offer them to the Western public under their name. They therefore set about to reproduce the design, using better materials and better quality standards, and completely replacing the sloppy wooden stocks with synthetic ones. They also designed reduced-capacity magazines to comply with US arms regulations. In addition, models sold in the US do not have muzzle brakes, but those for foreign markets do.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
<b>Vepr K</b>	5.45mm Kalashnikov	2.57 kg	10, 30, 40	\$514
<b>Vepr K</b>	5.56mm NATO	2.79 kg	10, 20, 30	\$565
<b>Vepr K</b>	7.62mm Kalashnikov	3.86 kg	10, 30, 40	\$809

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Vepr K (5.45mm)</b>	SA	3	1-Nil	6	3	Nil	46
<b>Vepr K (5.56mm)</b>	SA	3	1-Nil	6	3	Nil	42
<b>Vepr K (7.62mm)</b>	SA	4	2-Nil	6	4	Nil	47

### Rock River Arms A4-Varmint

Notes: This is an AR-15 variant designed for, as the name suggests, varmint hunting. Highly accurate for a semiautomatic varmint, the A4-Varmint is equipped with heavy match-grade barrels of 16-24 inches. The A4-Varmint is not equipped with iron sights, but does have a MIL-STD-1913 rail for the mounting of virtually any sort of sight or optic. The A4-Varmint also comes with an EOP (Elevated Optical Platform) to attach to the rail in order to mount large scopes properly. It has the standard AR-15-style fixed synthetic stock and a solid hard rubber grip. The weapon is chambered, and the twist of the rifling is designed, so that the A4-Varmint can fire .223 Remington civilian rounds and military 5.56mm NATO rounds with equal accuracy and reliability. (There is no distinction between the two rounds in game terms, but in real life, there is a difference between the two.) The handguard is an aluminum tube which is fluted to decrease weight and knurled to give a better gripping surface. The trigger is of a National Match two-stage pattern.

The A4 Predator Pursuit is an accurized version of the A4 Varmint. It uses a 20-inch heavy match-quality Wilson barrel which is free-floating, made from stainless steel, and air-gauged to help ensure that there are no imperfections; it uses a target crown at the muzzle. The chamber is a Wylde Chamber; this is a chamber designed to accommodate both civilian and military ammunition of several different loads and bullet weights, and also reduces the chance of misfeeds. The receiver is topped with a Weaver rail, and

the gas block also has a very short length of Weaver rail. The trigger group is a two-stage match-quality group. The pistol grip is a Hogue Rubber grip instead of a standard AR-15-type grip. The standard stock is an AR-15A2-type stock, but options include a skeletonized stock and a Magpul PRS stock. Other options include ambidextrous controls, an enlarged charging handle latch, and an EOP upper receiver.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
A4-Varmint (16" Barrel)	5.56mm NATO	3.63 kg	5, 9, 10, 20, 30	\$568
A4-Varmint (18" Barrel)	5.56mm NATO	4.08 kg	5, 9, 10, 20, 30	\$589
A4-Varmint (20" Barrel)	5.56mm NATO	4.31 kg	5, 9, 10, 20, 30	\$610
A4-Varmint (24" Barrel)	5.56mm NATO	4.54 kg	5, 9, 10, 20, 30	\$655
A4 Predator Pursuit	5.56mm NATO	3.67 kg	5, 9, 10, 20, 30	\$618

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
A4-Varmint (16")	SA	3	1-Nil	5	2	Nil	43
A4-Varmint (18")	SA	3	1-Nil	5	2	Nil	51
A4-Varmint (20")	SA	3	1-Nil	6	2	Nil	59
A4-Varmint (24")	SA	3	1-Nil	7	2	Nil	73
A4 Predator Pursuit	SA	3	1-Nil	6	2	Nil	60



## Ruger 10/22

Notes: This is a popular sporting rifle in the US, Canada, and Europe. It was introduced in 1964, with a stock of American beech, but a version appeared in 1989 with a walnut stock (the 10/22R). It is drilled and tapped for a scope mount, which is normally furnished with the rifle. The 10/22 has been updated throughout the years, and accessory kits have been made by many dealers. It is possible to get synthetic stocks, folding stocks, pistol grip stocks, bullpup stocks, etc. There are rumors of it being used with a silencer by assassins, and it is definitely used with a silencer for game culling. There are whole books about modifying the 10/22, including making it into a fully-automatic version!

In 1966, a Sporter version appeared, this version is identical to the standard 10/22 for game purposes, but has a Monte Carlo stock and no barrel band on the fore-end. It was built until 1971, replaced by the Deluxe Sporter. Another version which appeared in 1966 is the 10/22RBI International; this version has a Mannlicher-style stock and fore-end which extends to the muzzle, but is also identical to the standard 10/22 for game purposes. At first, the International had a polished beech stock and came in stainless steel or blued versions, but in 1995, checkering was added to the pistol grip wrist and fore-end.

In 1992, a stainless steel weatherproof version was introduced; this version, the K-10/22RB, has a laminated beech stock. In 1997, a similar weapon, but with a black Zytel plastic stock, was introduced, called the K-10/22RP. Another similar model, the 10/22RP, was introduced in 1999; this also has a Zytel stock, but has blued metalwork. The K-10/22RB is identical to the standard 10/22 for game purposes; the two plastic-stocked versions are identical for game purposes.

In 1996, a target/varmint version was introduced; this version, the 10/22T, has a heavy match-quality cold-forged barrel and no iron sights. The barrel of this version is also longer at 20 inches (as opposed to the 18.5-inch barrel of most other versions). A stainless steel version followed in 1999 (the K-10/22T). Another version of the varmint/target, the K-10/22TNZ, has stainless steel metalwork, and the wooden stock is skeletonized with a true pistol grip. It weighs slightly less than the standard varmint/target version.

The Ruger 10/22 Magnum is a version of the 10/22 Carbine firing .22 Winchester Magnum Rimfire, introduced in 1999. It is basically similar to the 10/22 except for the changes necessary to chamber and fire .22 Winchester Magnum Rimfire, but these changes were quite great in order to keep the basic package similar in external appearance, and virtually the entire mechanism is different.

In 2005, a rifle version of the 10/22 was released by Ruger. The new hardwood stock is made for larger people, the buttplate is straight instead of curved, and there is no barrel band. The barrel is a full 20 inches, and the receiver is made from cast aluminum. The sights are changed to reflect the greater range. The Ruger 10/22 Rifle is equipped with a Weaver-style scope base.

Added to the Ruger line in 2006, the Ruger 10/22 Compact is a version of the 10/22 which is smaller and with a shorter barrel than even the 10/22 Carbine. There is no word as yet as whether there will be versions in stainless steel, with synthetic stocks, etc., but the basic version recently announced has hardwood stock designed with a shorter length of pull, making it suitable for adults as well as children. The buttstock is also of reduced width, and the fore-end is likewise narrower. The 10/22 Compact is equipped with iron sights that have high-visibility fiberoptic inlays, and it is also drilled and tapped for a Weaver-style scope mount or rings.

In 2009, The Model 10/22 Tactical Target was introduced. This version is sort of dressed up to look like a sort of faux tactical marksman's rifle, but those same attributes make it an excellent target rifle as well as very good for taking out varmints. The Tactical Target uses a Hogue synthetic stock and is equipped with a 16.125-inch extra-heavy profile barrel tipped with a target crown. Atop the receiver is a MIL-STD-1913 rail, and underneath the front of the handguard is a lightweight Harris-type bipod that is adjustable for cant and height. The working parts, especially the hammer, is designed for a fast lock time for quick follow-up shots. The barrel is attached by a V-block system that is secured by two screws, and can be quickly removed. (Whether a suppressed barrel is in the works is something I haven't been able to find out, but presumably easy barrel changes are the object of this type of barrel attachment.)

In 2011, the Ruger 10/22 Takedown was introduced. Essentially the same as a standard 10/22, the Takedown comes apart just ahead of the barrel nut and the handguard underneath it. It is synthetic stocked, with bight stainless steel for the external metalwork and barrel. Despite the breakdown ability, the 10/22 Takedown can be put back together and retain any zeroes of iron sights or telescopic sights. The barrel is 18.5 inches, and the receiver topped by a Weaver rail. Development of the rifle was difficult; engineers find it relatively easy to design a takedown rifle from scratch, but turning a solid rifle into a takedown rifle is rather difficult. Most of the differences in the 10/22 Takedown are changes in weight and buttons to break down the rifle.

Twilight 2000 Notes: The Ruger 10/22 Magnum, 10/22 Rifle, 10/22 Compact, the versions with Zytel stocks, and the target/varmint versions are not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Ruger 10/22 Carbine	.22 Long Rifle	2.27 kg	10	\$235
Ruger K-10/22 Carbine	.22 Long Rifle	2.14 kg	10	\$245
Ruger 10/22T Rifle	.22 Long Rifle	3.4 kg	10	\$260
Ruger K-10/22T Rifle	.22 Long Rifle	3.22 kg	10	\$270
Ruger K-10/22TNZ Rifle	.22 Long Rifle	3.2 kg	10	\$260
Ruger 10/22 Magnum	.22 Winchester Magnum Rimfire	2.95 kg	9	\$256
Ruger 10/22 Rifle	.22 Long Rifle	2.27 kg	10	\$251
Ruger 10/22 Compact	.22 Long Rifle	2.09 kg	10	\$215
Ruger 10/22 Tactical Target	.22 Long Rifle	3.12 kg	10	\$640
Ruger 10/22 Takedown	.22 Long Rifle	2.12 kg	10	\$246

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ruger 10/22 Carbine	SA	1	Nil	5	1	Nil	38
Ruger K-10/22 Carbine	SA	1	Nil	5	1	Nil	38
Ruger 10/22T Rifle	SA	1	Nil	5	1	Nil	43
Ruger K-10/22T Rifle	SA	1	Nil	5	1	Nil	43
Ruger K-10/22TNZ Rifle	SA	1	Nil	5	1	Nil	43
Ruger 10/22 Magnum	SA	1	Nil	5	1	Nil	47
Ruger 10/22 Rifle	SA	1	Nil	5	1	Nil	41
Ruger 10/22 Compact	SA	1	Nil	4	1	Nil	34
Ruger 10/22 Tactical	SA	1	Nil	4	1	Nil	36
Target							
With Bipod	SA	1	Nil	4	1	Nil	46
Ruger 10/22 Takedown	SA	1	Nil	5*	1	Nil	38

\*The 10/22 Takedown can be reduced to a package with a Bulk of 3, but it cannot be fired in this state.

Ruger M-44 Deerfield

Notes: The M-44 carbine, also known as the M-99-R, was introduced in 1959 as essentially a scaled up version of the 10/22. Modifications were fairly heavy, primarily to accommodate the larger round, and mostly revolving around the locked-breech action required to fire the much more powerful round. The original M-44 used simple open sights in addition to being drilled and tapped for a telescopic sight. The stock was of birch and used a semi-pistol grip and a half-length fore-end (a “half-stock”). In 1962, Ruger added the name “Deerstalker” to the M-44, but as Ithaca also began selling a modified shotgun with the same name, Ruger changed the name of the M-44 to the Deerfield after a short patent fight. The Deerfield is otherwise largely made of steel and works by gas operation. The barrel is 18.5 inches, and feed is from a tubular magazine inside the fore-end. (The M-44 is *not* able to chamber .44 Special rounds.) In 1962, the rear sight was also changed to a folding leaf sight.

Various special editions and deluxe models were also built, with enhancements ranging from gold-plated triggers and trigger guards, barrel bands, etc. to full special editions such as the much engraved “Anniversary Model” of 1985. Some other notable special editions include the M-44 Deluxe Sporter (also known as the M-44-DSP) built from 1963-71, which had a Monte Carlo-type cheekpiece as well as sling swivels on the stock. The M-44 Sporter (M-44-RS) of 1961-78 was essentially the same, but used a simple aperture sight (which was adjustable). Built in very small numbers from 1964-71, the M-44 International (also called the M-44-X and M-44-RSI) used a full-length Mannlicher-type stock. All of these special models are identical to the standard M-44 for game purposes.

Production of the original M-44 Deerfield stopped in 1985, but it began again in 2000, under the designation of the M-99/44 (or simply M-9944) Deerfield. It is essentially a modernized version of the M-44; the most noticeable change is the stock. This stock is still a semi-pistol grip half-stock which is made from conventional hardwood but finished to look like fine, weatherproofed walnut; it also has a synthetic instead of a hard rubber or metal buttplate. Also immediately noticeable is a synthetic heat shield on the right side of the fore-end. The sling swivels have been replaced by quick-release versions, and the front sling-swivel mount can also take a limited amount of light bipods. The rear sight is a folding aperture sight with more adjustability than the original M-44, and the front sight is a protected gold bead. The drilling and tapping can take a greater variety of scope mounts and rings, though they are specifically designed to fit Ruger’s own line of mounts and rings the best. (The M-99/44 is even sold with Ruger scope rings, which can take most civilian scopes sold today.) Internally, the safety has been changed to shotgun-style crossbolt safety, and feed is from a removable rotary magazine instead of a tubular magazine. Production of the M-99/44 stopped again in 2005, but started again in 2007.

Twilight 2000 Notes: The M-99/44 does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
M-44 Deerfield	.44 Magnum	2.84 kg	4 Tubular	\$429
M-99/44 Deerfield	.44 Magnum	2.61 kg	4	\$422

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-44 Deerfield	SA	4	1-2-Nil	5	3	Nil	62
M-99/44 Deerfield	SA	4	1-2-Nil	5	3	Nil	62

Ruger Mini-14 Target Rifle

Notes: Due to be introduced in 2006, the Mini-14 Target version is, as the name suggests, a highly-modified version of the Mini-14 assault rifle designed for target shooting and precision hunting. The Target version has a new stock black-laminated hardwood, with a unique shape including a cheek swell, deep pistol grip wrist, a grip for the non-firing hand, and a thick non-slip rubber recoil pad. The barrel is of stainless steel and is longer and heavier than the standard Mini-14 barrel; it is a bull barrel 22 inches long. At the muzzle one may attach removable counterweights of varying sizes, attached with Allen screws. There is no flash suppressor or muzzle brake, but the muzzle is target crowned. The receiver is also of stainless steel, and the weapon has no iron sights, instead having Ruger’s integral scope mount.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Mini-14 Target	5.56mm NATO	4.26 kg	5	\$696

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mini-14 Target	SA	3	1-Nil	6	2	Nil	67

### Ruger PC-4/9

Notes: These carbines are designed for use as self-defense weapons by campers and other casual users, normally against wildlife. They are small carbines using pistol caliber cartridges, and in fact may use the same magazines as Ruger P-series pistols. They have several safeties and will not fire if dropped or bumped accidentally.

Twilight 2000 Notes: This weapon does not exist.

Merc 2000 Notes: This is a popular weapon in Central and South America as well as the US and Canada; in fact, it has even been found in the possession of Yanamamo natives deep in the Amazon basin.

Weapon	Ammunition	Weight	Magazines	Price
PC-4	.40 Smith & Wesson	2.89 kg	10, 11	\$319
PC-9	9mm Parabellum	2.89 kg	10, 15	\$282

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ruger PC-4	SA	2	1-Nil	5	2	Nil	38
Ruger PC-9	SA	2	1-Nil	5	1	Nil	36

### Ruger SR-556

Notes: Introduced in late 2009, the SR-556 is basically an AR done better – more refined and more reliable. Chief among the improvements is the rifle's operation; the SR-556 uses a short-tappet gas piston system rather than the Stoner direct gas impingement system, which greatly reduces fouling and the stoppages fouling causes. The SR-556 is designed for use by police and civilians, and is now sold as a semiautomatic rifle, with no plans for any sort of future automatic version; Ruger has in fact made sure that conversion to automatic fire is difficult if not impossible. The barrel is a strong Chrome-Moly Vanadium steel alloy barrel, and has a tight twist rate of 1:9. The 16.12-inch barrel is tipped with a birdcage-type flash suppressor which is Ruger-designed, and differs greatly in appearance from the standard A2 flash suppressor. The handguards are made by Troy and are pinned to the upper receiver; the barrel is essentially free-floating. The handguards have 4-point MIL-STD-1913 rails, and the upper receiver also has a monolithic (the rail is integral with the upper receiver) MIL-STD-1913 rail. The SR-556 comes with flip up iron sights that attach to the MIL-STD-1913 rails, with the front sight being a post inside of "rabbit ears" like those of an AK. The rear sight, also made by Troy, is on an elevating post and is adjustable in a manner similar to that of an AR-15A2.

The gas piston system has a gas regulator with four positions, and thus operation can be adjusted depending upon the ammunition being used and the cleanliness of the rifle at the time. The operating rod and its piston are not designed to be disassembled by the user, and Ruger says that no such maintenance is necessary. The bolt carrier group is made in one piece and is chrome-plated for reliability. The bolt carrier group also has a number of features to further increase reliability, such as a flared rear, a turned-down gas key area, and a rubber O-ring around the extractor spring (something I would love, since the number one problem I have experienced with the AR is extraction failure). Trigger action is regarded as unusually smooth and crisp, though it is a standard AR-type trigger group; this is probably due to factory tuning. Two versions of the SR-556 are currently available: one with a fixed stock, and one with an M-4-type collapsible stock.

Ruger has also introduced a rimfire version of the SR-556; while it largely uses the same parts and part of the action of the SR-556 (suitably-modified for the new cartridge), the action is in fact an adaptation of the action of the Ruger 10/22. This means that while Ruger sells standard magazines for the SR-22, any magazine, even aftermarket ones, that fit into a Ruger 10/22 will fit into an SR-22. The outer part of the receivers (upper and lower) appear a bit more blocky than the SR-556, and the MIL-STD-1913 rail above the receiver is a little longer as it extends to the rear a bit more (made possible by the lack of a need for the AR-type charging handle at the rear of the receiver. The charging lever is on the right side with the ejection port. The SR-22 comes standard with an M-4-type sliding stock, though there is no recoil buffer in it. The pistol grip is a Hogue rubber ergonomic grip. The handguards are round, aluminum, and ventilated with rows of holes at the 2 o'clock, 4-o'clock, 8 o'clock, and 10 o'clock positions. The 16.123-inch barrel is tipped with a standard AR-type flash suppressor, the same as used on the SR-556 and Mini-14.

Weapon	Ammunition	Weight	Magazines	Price
SR-556 (Fixed Stock)	5.56mm NATO	3.6 kg	10, 20, 30	\$576
SR-556 (Folding Stock)	5.56mm NATO	3.6 kg	10, 20, 30	\$596
SR-22	.22 Long Rifle	2.95 kg	10	\$245

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SR-556 (Fixed Stock)	SA	3	1-Nil	6	2	Nil	42

SR-556 (Folding Stock)	SA	3	1-Nil	4/6	2	Nil	42
SR-22	SA	1	Nil	4/6	1	Nil	33

Savage 6

Notes: This is a series of rifles that had a very long production run; the original Model 6 was produced in 1938, and the Model 987-T was last produced in 1989. The original Model 6 was a very simple yet elegant rifle; the lines of the rifle are flowing and rounded. Variants of note include the Model 7, with a box magazine instead of a tube; the Model 60, which is a modernized Model 6, which is a short rifle having only a 20-inch barrel; and the Model 90, a carbine version with a very short 16.5" barrel. Others (identical to these four for game purposes) include the Models 6S and 7S, variants of the Model 6 and 7 with different sights; the Model 80, a variant of the Model 60 with different sights and checkering; the Model 88, a variant of the Model 60 with a plain stock and different sights; and the Model 987-T, a modernized Model 60 produced to be marketed under the Stevens name.

Weapon	Ammunition	Weight	Magazines	Price
Savage 6	.22 Long Rifle	2.72 kg	15 Tubular	\$296
Savage 7	.22 Long Rifle	2.69 kg	5	\$296
Savage 60	.22 Long Rifle	2.47 kg	15 Tubular	\$251
Savage 90	.22 Long Rifle	2.35 kg	10 Tubular	\$215

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 6	SA	1	Nil	6	1	Nil	48
Savage 7	SA	1	Nil	6	1	Nil	48
Savage 60	SA	1	Nil	5	1	Nil	41
Savage 90	SA	1	Nil	4	1	Nil	34

Savage 1912

Notes: This rifle, never made in large numbers, was one of the first semiautomatic rifles made in North America. It is a modification of the Savage pump-action models of the time.

Weapon	Ammunition	Weight	Magazines	Price
Savage 1912	.22 Long Rifle	2.04 kg	7	\$255

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 1912	SA	1	Nil	5	1	Nil	41

Thompson/Center R-55

Notes: Chambered for the new .17 Mach 2 Rimfire cartridge, the R-55 is based upon existing Thompson/Center .22 Long Rifle semiautomatic offerings. It is basically a varmint and plinking rifle, but not designed for beginning shooters or children; it is basically too large (though not heavy) a rifle for that. The R-55 has adjustable front and rear sights with fiberoptic inlays, as well as drilling and tapping for a scope mount. The R-55 is very finicky about ammunition; Thompson/Center recommends the shooter use only Hornady or CCI-made ammunition, and handloads are definitely not recommended. The trigger is of medium weight, with just a hint of creep. The stock is of laminated hardwood, with a cheekpiece; it can also be had with a composite stock. Changes from its .22 predecessor include a bolt hold-open, and a trap in the butt which will hold one magazine.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
R-55 (Wood Stock)	.17 Mach 2 Rimfire	2.49 kg	5, 10	\$311
R-55 (Composite Stock)	.17 Mach 2 Rimfire	2.37 kg	5, 10	\$321

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
R-55 (Wood Stock)	SA	2	1-Nil	5	1	Nil	45
R-55 (Composite Stock)	SA	2	1-Nil	5	2	Nil	45

Thompson/Center TC-22

Notes: These three related rifles are modern weapons, but designed to be reminiscent of the way semiautomatic rimfire weapons used to be built in the middle part of the 20<sup>th</sup> century. They use a premium-quality American walnut stock (except for the Silver Lynx, which uses a black synthetic stock), with all-steel metalwork and built with the quality that is the standard for Thompson/Center weapons. The TC-22 Classic has a full-length deluxe walnut Monte Carlo stock, a blued receiver and 22-inch match-grade barrel. The rear sight is adjustable, and the front sight is a ramp with a fiberoptic inlay; the Classic is also drilled and tapped to accept a Weaver-style scope base or standard scope rings. The Classic is clip-fed, but the clip may be easily slid in and out to facilitate reloading and topping off of the clip. (This clip is loaded from the bottom of the rifle instead of the top.)

The TC-22 Classic Benchmark is a modification of the Classic; it uses an 18-inch heavy match-quality barrel with a target crown and a stock with a high cheek rest which is made from laminated hardwood. It is magazine-fed rather than clip-fed. It has no iron sights, but is drilled and tapped in the same way as the Classic.

The Silver Lynx is the newest version of this rifle; it uses a black stock made from composites, and stainless steel metalwork. It



uses a 20-inch match grade barrel with a target crown. The rear sights are adjustable and have fiberoptic inlays, and the front sight is a ramp also with a fiberoptic inlay. It is also magazine-fed, and the receiver is drilled and tapped in the same manner as other rifles of this series.

Twilight 2000 Notes: These rifles do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
TC-22 Classic	.22 Long Rifle	2.49 kg	5 Clip, 10 Clip	\$279
TC-22 Classic Benchmark	.22 Long Rifle	3.08 kg	10	\$239
Silver Lynx	.22 Long Rifle	2.49 kg	5	\$269

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
TC-22 Classic	SA	1	Nil	5	1	Nil	46
TC-22 Classic Benchmark	SA	1	Nil	5	1	Nil	39
Silver Lynx	SA	1	Nil	5	1	Nil	43

### Valkyrie Arms M-3A1 Carbine

Notes: This is a copy of the M-3A1 Grease Gun submachinegun, modified to suit it to civilian sales. Of course, the biggest modification is the conversion to a weapon capable only of semiautomatic fire. The barrel length was changed so that it is 16.25 inches long (412.75mm). The weapon can take 30-round magazines, but are normally sold with 10-round magazines that only look like 30-round one, but have a block in them. The M-3A1 Carbine is also supplied with a blocked standard length barrel for display purposes.

Weapon	Ammunition	Weight	Magazines	Price
M-3A1 Carbine	.45 ACP	3.62 kg	10, 30	\$543

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-3A1 Carbine	SA	2	2-Nil	5/6	2	Nil	38

### Volquartsen Custom Evolution

Notes: Volquartsen began in the 1970s as a company producing accurized and custom versions of already-existing weapons, most notably rimfire pistols and rifles. However in 1993, they began designing their own rimfire rifles, and later centerfire weapons. The first of these is the Evolution; this weapon was introduced at the SHOT Show in 2006, but sales did not begin until January 2007, and even they admit they are having problems keeping up with the enormous demand for the Evolution.

Like most Volquartsen rifles, the Evolution has a distinctive look about it. The stock is of fine walnut with a radical shape on the buttstock – for the most part, it dips rather low, and has a deep pistol grip wrist, but it also has a high cheekpiece to make scope use easier. A laminated stock or a McMillan composite stock are optional. Metalwork is almost entirely of gleaming stainless steel. The receiver is topped by a MIL-STD-1913 rail (though a Weaver rail is an option), and there are no iron sights provided. The Evolution uses gas operation, using a short-stroke gas piston system similar to that of the M-1 Carbine. The rotating bolt is similar to that of an AR-15. There are no stamped or cast parts; every metal part is machined or cut by a wire EDM. The barrel is a Lothar Walther button-rifled medium-heavy barrel 20 inches long. The trigger group is fairly standard, except for its low 2 pounds of pull weight and exceptionally smooth operation. The Evolution is capable of digesting virtually any sort of ammunition of the appropriate caliber, including heavy and light bullets, hotloads, and other wildcat versions of its chamberings.

Two calibers are available, both with 20-inch barrels. The .204 Ruger chambering feeds from a 10-round box magazine; the 5.56mm NATO/.223 Remington chambering can feed from any magazine which will fit into an M-16/AR-15. Both also have alternate barrels available – the 5.56mm version has a 21.5-inch ported barrel available, while the .204 version has a 24-inch barrel available.

Twilight 2000 Notes: The Evolution does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Evolution (Wood Stock, 20" Barrel)	.204 Ruger	4.4 kg	10	\$547
Evolution (Synthetic Stock, 20" Barrel)	.204 Ruger	4.04 kg	10	\$558
Evolution (Wood Stock, 24" Barrel)	.204 Ruger	4.61 kg	10	\$606
Evolution (Synthetic Stock, 24" Barrel)	.204 Ruger	4.23 kg	10	\$624
Evolution (Wood Stock)	5.56mm NATO	4.48 kg	5, 10, 20, 30	\$599
Evolution (Synthetic Stock)	5.56mm NATO	4.11 kg	5, 10, 20, 30	\$610
Evolution (Wood Stock, 21.5", Ported)	5.56mm NATO	4.54 kg	5, 10, 20, 30	\$640
Evolution (Synthetic Stock, 21.5", Ported)	5.56mm NATO	4.17 kg	5, 10, 20, 30	\$652

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Evolution (.204, 20")	SA	3	1-Nil	6	2	Nil	50
Evolution (.204, 24")	SA	3	1-Nil	7	2	Nil	70
Evolution (5.56mm, 20")	SA	3	1-Nil	6	2	Nil	57
Evolution (5.56mm, Ported)	SA	3	1-Nil	6	2	Nil	64



**Volquartsen Custom Deluxe Semiauto Rimfire**

Notes: The Deluxe Semiauto Rimfire is a *heavy* modification of the Ruger 10/22 (most of Volquartsen Custom’s firearms are modifications of other weapons, particularly Ruger firearms). The result of these modifications basically turns the Ruger 10/22 from a plinker and varmint rifle into a precision rifle, equally at home plinking, hunting, or even in competition.

The modifications include the stock/furniture, which are replaced by one of several Monte Carlo-pattern stocks. (The wood grain on the wood stocks are especially beautiful.) These stocks may be brown walnut, gray ash, Hogue synthetic, McMillan Sporter synthetic, or McMillan Thumbhole-type synthetic. (Other than the McMillan Thumbhole, the stocks use semi-pistol grips.) The receiver housing is replaced with CNC stainless steel, machined and then hand-finished. The receiver is topped with a Weaver rail. The chamber is replaced with a match chamber, and the barrel is replaced with a 18.5-inch bull barrel tipped with a muzzle compensator that has 32 holes. The compensator is threaded and may be removed and replaced with other compatible muzzle devices. The barrel is fluted, primarily to reduce weight, but also to increase longitudinal stiffness. The Deluxe Semiauto Rimfire can accept both standard Ruger 10/22 magazines or the rotary magazines of the Ruger 77/22.

A lighter version is also available, with a 16.5-inch barrel. It is otherwise identical to the “standard” Deluxe Semiauto Rimfire.

Weapon	Ammunition	Weight	Magazines	Price
Deluxe Semiauto Rimfire (18.5”, Wood Stock)	.17 Mach 2 Rimfire	2.13 kg	5, 10	\$287
Deluxe Semiauto Rimfire (16.5”, Wood Stock)	.17 Mach 2 Rimfire	2.07 kg	5, 10	\$265
Deluxe Semiauto Rimfire (18.5”, Synthetic Stock)	.17 Mach 2 Rimfire	1.98 kg	5, 10	\$297
Deluxe Semiauto Rimfire (16.5”, Synthetic Stock)	.17 Mach 2 Rimfire	1.92 kg	5, 10	\$276
Deluxe Semiauto Rimfire (18.5”, Wood Stock)	.17 Hornady Magnum Rimfire	2.14 kg	5, 9	\$295
Deluxe Semiauto Rimfire (16.5”, Wood Stock)	.17 Hornady Magnum Rimfire	2.08 kg	5, 9	\$274
Deluxe Semiauto Rimfire (18.5”, Synthetic Stock)	.17 Hornady Magnum Rimfire	1.99 kg	5, 9	\$305
Deluxe Semiauto Rimfire (16.5”, Synthetic Stock)	.17 Hornady Magnum Rimfire	1.93 kg	5, 9	\$284
Deluxe Semiauto Rimfire (18.5”, Wood Stock)	.22 Long Rifle	2.15 kg	5, 10	\$294
Deluxe Semiauto Rimfire (16.5”, Wood Stock)	.22 Long Rifle	2.09 kg	5, 10	\$273
Deluxe Semiauto Rimfire (18.5”, Synthetic Stock)	.22 Long Rifle	2 kg	5, 10	\$305
Deluxe Semiauto Rimfire (16.5”, Synthetic Stock)	.22 Long Rifle	1.94 kg	5, 10	\$283
Deluxe Semiauto Rimfire (18.5”, Wood Stock)	.22 Winchester Magnum Rimfire	2.21 kg	5, 9	\$315
Deluxe Semiauto Rimfire (16.5”, Wood Stock)	.22 Winchester Magnum Rimfire	2.15 kg	5, 9	\$294
Deluxe Semiauto Rimfire (18.5”, Synthetic Stock)	.22 Winchester Magnum Rimfire	2.06 kg	5, 9	\$326
Deluxe Semiauto Rimfire (16.5”, Synthetic Stock)	.22 Winchester Magnum Rimfire	2 kg	5, 9	\$304

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Deluxe Semiauto Rimfire (18.5”, .17 Mach 2)	SA	2	1-Nil	5	1	Nil	44
Deluxe Semiauto Rimfire (16.5”, .17 Mach 2)	SA	2	1-Nil	5	1	Nil	38
Deluxe Semiauto Rimfire (18.5”, .17 Hornady)	SA	2	1-Nil	5	1	Nil	50
Deluxe Semiauto Rimfire (16.5”, .17 Hornady)	SA	2	1-Nil	5	1	Nil	44
Deluxe Semiauto Rimfire (18.5”, .22 LR)	SA	1	Nil	5	1	Nil	40
Deluxe Semiauto Rimfire (16.5”, .22 LR)	SA	1	Nil	5	1	Nil	36
Deluxe Semiauto Rimfire (18.5”, .22 Magnum)	SA	1	Nil	5	1	Nil	50
Deluxe Semiauto Rimfire (16.5”, .22 Magnum)	SA	1	Nil	5	1	Nil	44

**Weatherby Mk XXII Deluxe**

Notes: This is a vastly scaled-down semiautomatic version of the .460 Magnum. It is grooved for a scope mount, but has no iron sights, and has a rubber butt plate designed primarily to prevent slipping rather than being any sort of padding. The Mk XXII comes in two versions, one within an internal tubular magazine and a magazine-fed version. The Mk XXII was of such quality that the real-life price was quite high, lading to limited sales. The Mk XXII was originally built for Weatherby by Beretta starting in 1964, but production switched to Howa in Japan in 1969, and then to new Weatherby facilities in the US in 1982. Production ceased in 1989.

In 2008, the Mk XXII came back – sort of. The new Mk XXII is a bolt-action rifle, which makes it more akin to its Weatherby .460 predecessor. The action is built by Anschutz (it is, in fact, the Anschutz Model 64 action), but the stock is of American select walnut and the rifle is sold only by Weatherby. Finish is polished blue, and the stock has a Schnabel fore-end. The stock has fine checkering at the pistol grip wrist and on the fore-end, and hand-cut. The new Mk XXII comes only in a magazine-fed version, and the 23-inch barrel is an inch shorter than the original Mk XXII. The new Mk XXII otherwise has design features similar to those of the original Mk XXII.

Weapon	Ammunition	Weight	Magazines	Price
Mk XXII Deluxe	.22 Long Rifle	2.72 kg	10	\$291
Mk XXII Deluxe	.22 Long Rifle	2.72 kg	15 Tubular	\$292
Mk XXII (New)	.22 Long Rifle	2.95 kg	5, 10	\$294
Mk XXII (New)	.17 Hornady Magnum Rimfire	2.95 kg	5, 10	\$295

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mk XXII Deluxe	SA	1	Nil	6	1	Nil	48
Mk XXII (New, .22)	BA	1	Nil	7	1	Nil	51
Mk XXII (New, .17)	BA	2	1-Nil	7	1	Nil	80

**Wilkinson Terry**

Notes: Big Brother to the Linda assault pistol, the Terry is a basically a carbine version of that weapon (or more accurately, the Linda is a pistol version of the Terry). Like the Linda, the Terry was banned first in California and then by the Brady Gun Bill due to its large magazine capacity, and production has never resumed. It uses the same basic body as the Linda, and is also reputedly easy to convert to automatic fire. The sights are the same as the Linda: an adjustable rear sight and an adjustable post front sight, both protected by large dog-ears. The stock and fore-end are of maple, and the pistol grip is of PVC plastic. The 16.2-inch barrel is usually tipped with a conical flash suppressor. Dovetailed into the receiver of the Terry is a scope base which can accept most sorts of scopes or optics.

Some parts of the Linda may be interchanged with the Terry, most notably the barrel. In addition, the stock may be removed. This leads to some interesting, and in some cases, illegal (to US laws) combinations, such as the Terry with the Linda's short barrel, the Terry without a stock, and the Terry with the Linda's short barrel with a stock. The GM should take note of the legal implications of players using some of these combinations in games where it is applicable.

The Terry's design is quite evolved, but does have some shortcomings and quirks. The magazine release and the crossbolt safety are located one above each other on the left side and are the same size, so those who are unfamiliar with the Linda may accidentally release the magazine when they intended to put it on safety, or vice versa. Field stripping is extremely complicated and requires tools; a full armorer disassembly is even more difficult. Reassembly can also be difficult, because some parts look at first glance the same and can be confused. The Terry has trouble digesting ammunition with thin-walled brass, and also tends to jam when firing hollow-point ammunition.

Weapon	Ammunition	Weight	Magazines	Price
Terry	9mm Parabellum	3.22 kg	31	\$380
(No Stock)	9mm Parabellum	2.82 kg	31	\$360
(Linda Barrel with Stock)	9mm Parabellum	2.46 kg	31	\$301
(Linda Barrel, No Stock)	9mm Parabellum	2.99 kg	31	\$281

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Terry	SA	2	2-Nil	5	1	Nil	36
(No Stock)	SA	2	2-Nil	3	1	Nil	33
(Linda Barrel with Stock)	SA	2	Nil	3	1	Nil	24
(Linda Barrel, No Stock)	SA	2	Nil	2	1	Nil	22

**Winchester Classic Custom Sharpshooter**

Notes: The Custom Classic Sharpshooter, built in the Winchester Custom Shop, is designed to be one of the most accurate rifles sold by Winchester. Though there are "standard" versions, so to speak, the Custom Shop will chamber the rifle for virtually any caliber the customer wishes, and with virtually any sort of accessories, sights, and materials the customer wishes. Winchester claims the Custom Classic Sharpshooter is accurate enough to be easily used as a sniper rifle in addition to a very accurate hunting weapon.

"Standard" versions are chambered in 7.62mm NATO and .300 Winchester Magnum. The stock is a glass-bedded Classic McMillan synthetic stock. The barrel is a Schneider stainless steel barrel, target-crowned and 24 inches in 7.62mm and 26 inches in .300 Magnum. The stock has a virtually full pistol grip wrist, and a raised stock cheekpiece. Actions are virtually handmade, being hand-honed and hand-fitted. Sling mounts are fitted, which can also be used as mounts for a bipod and monopod if desired. No iron sights are provided, but drilling and tapping able to take anything from standard rings to a MIL-STD-1913 rail are provided.

It should be noted that the Custom Classic Sharpshooter was built after Winchester moved to Belgium.

Twilight 2000 Notes: The Classic Custom Sharpshooter does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Classic Custom Sharpshooter	7.62mm NATO	4.99 kg	5	\$1468
Classic Custom Sharpshooter	.300 Winchester Magnum	5.46 kg	3	\$2931

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Classic Custom Sharpshooter	BA	4	2-3-Nil	7	4	Nil	96
Classic Custom Sharpshooter	BA	5	1-2-3	8	4	Nil	109

**Winchester M-74**

Notes: This is a very simple semiautomatic design, easy to shoot and take care of. Dismantling is especially easy, and the bolt and bolt carrier group can be removed in one piece. As with many Winchester civilian designs, production was suspended during World

War 2, but resumed shortly thereafter, and the Model 74 was very successful, with nearly a half a million made. Variants include the early Model 74, which chambered only .22 Short (the ability to chamber .22 Long Rifle did not appear until 1940). Another version, the M-77(i), has an interesting history; it was considered by the US Marines to arm friendly natives of Pacific isles, but the idea was dropped. The M-77(i) had a heavy barrel for increased accuracy. In all cases, the tubular magazine is in the butt and reloaded through a port in the side of the butt.

Weapon	Ammunition	Weight	Magazines	Price
M-74 (Early)	.22 Short	2.81 kg	20 Tubular	\$289
M-74	.22 Short or .22 Long Rifle	2.84 kg	20 (.22 Short), 14 (.22 Long Rifle); Tubular	\$296
M-77(i)	.22 Long Rifle	2.87 kg	14 Tubular	\$302

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-74 (Early)	SA	-2	Nil	6	1	Nil	40
M-74 (.22 Short)	SA	-2	Nil	6	1	Nil	40
M-74 (.22 Long Rifle)	SA	1	Nil	6	1	Nil	48
M-77(i)	SA	1	Nil	6	1	Nil	49

Winchester M-77

Notes: Not to be confused with the M-77(i) above, the M-77 is a very attractive weapon with a good finish and a choice of box or tubular underbarrel magazines. The M-77 has rails for a telescopic sight on top of the receiver and a nylon trigger guard. The box magazine variant proved to be less popular then the tubular magazine format.

Weapon	Ammunition	Weight	Magazines	Price
M-77	.22 Long Rifle	2.52 kg	8	\$276
M-77	.22 Long Rifle	2.55 kg	15 Tubular	\$276

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-77 (Both)	SA	1	Nil	5	1	Nil	45

Winchester M-100

Notes: This rifle was sold from 1960 to 1973, and was a very successful semiautomatic civilian rifle, with over a quarter of a million made. It is similar in appearance to the lever-action Winchester M-88 (see US Lever-Action Rifles), except for being an autoloader. The M-100 Carbine is the same, but has only a 19-inch barrel.

Weapon	Ammunition	Weight	Magazines	Price
M-100	.243 Winchester	2.95 kg	4	\$742
M-100	.284 Winchester	3.29 kg	3	\$964
M-100	7.62mm NATO	3.39 kg	4	\$1029
M-100 Carbine	.243 Winchester	2.9 kg	4	\$712
M-100 Carbine	.284 Winchester	3.23 kg	3	\$934
M-100 Carbine	7.62mm NATO	3.33 kg	4	\$998

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-100 (.243)	SA	3	2-Nil	7	3	Nil	60
M-100 (.284)	SA	4	2-3-Nil	7	4	Nil	66
M-100 (7.62mm)	SA	4	2-3-Nil	7	4	Nil	72
M-100 Carbine (.243)	SA	3	2-Nil	6	3	Nil	48
M-100 Carbine (.284)	SA	4	2-3-Nil	6	4	Nil	53
M-100 Carbine (7.62mm)	SA	4	2-3-Nil	6	4	Nil	58

Winchester M-290

Notes: This is an accompanying piece to the lever-action M-250 and the pump-action M-270. The receiver is built largely of aluminum alloy, and the wood is a “faux walnut” hardwood (stained to appear as walnut). Total production was a staggering 2.15 million! The rifle is fed by a tubular underbarrel magazine. There were several variants, both deluxe and even plainer, but they are identical for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
M-290	.22 Long and .22 Long Rifle	2.27 kg	17 (.22 Long), 15 (.22 Long Rifle); Tubular	\$256

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-290 (.22 Long)	SA	1	Nil	5	1	Nil	38
M-290 (.22 Long Rifle)	SA	1	Nil	5	1	Nil	42

Winchester M-1903

Notes: This turn-of-the-20<sup>th</sup>-century semiautomatic rifle was designed in 1903 and first appeared on the market in 1904. Most have straight hardwood stocks, though some have pistol grip stocks. The first 5000 of these rifles had a problem with “doubling,” where two shots are fired for one pull of the trigger. (This was only an intermittent problem.) This necessitated a change in the firing pin from bronze to steel. Few other changes were made over the life of the rifle. Variants of note include the Model 63, which fires .22 Long Rifle ammunition; this was introduced with a 20-inch barrel, but the barrel was later lengthened to 23 inches. After 1946, the Model 63 was grooved to accept a telescopic sight mount. The New Model 63, announced in 1997, is a modern recreation of the Model 63, using new manufacturing methods, but differing little in form from the original Model 63, other than being a lot fancier. In each of these rifles, the tubular magazine in the butt, with a loading port on the side of the butt.

The Winchester M-1905 is basically a Model 1903 rimfire rifle enlarged into a centerfire rifle. The tubular magazine was traded for a detachable box magazine, and a pistol grip stock was standardized in 1908. The 10-round magazine was not available until 1911.

The M-1907 is basically a Model 1905 chambered for a larger caliber. The pistol grip stock by this time was standard, and a police-style butt was used. Production stopped during World War 2, but resumed afterwards. For a short time (1934-37), a Police model was sold; this had a deeper pistol grip stock, an attachment for a bipod, sling swivels, and an attachment for a bayonet. An interesting version of the M-1907 was bought by the French near the end of World War 1; this version was experimented on to produce what may have been the first selective-fire rifle. This version of the M-1907 was virtually identical to the standard M-1907. They do not appear to have been used in combat, but some 1500 were bought.

The M-1910 was designed specifically for use with a then-new experimental cartridge, the .401 Winchester Self-Loading, and was meant to take the limits of the M-1903/1905/1907 series of rifles to the limits. The M-1910 is externally very similar to M-1907, other than the greatly-enlarged ejection port for the much larger cartridges.

Twilight 2000 Notes: The New Model 63 does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
M-1903	.22 Winchester Auto	2.61 kg	10 Tubular	\$259
Model 63 (20" Barrel)	.22 Long Rifle	2.59 kg	10 Tubular	\$256
Model 63 (23" Barrel)	.22 Long Rifle	2.74 kg	10 Tubular	\$286
New Model 63	.22 Long Rifle	2.83 kg	10 Tubular	\$281
M-1905	.32 Winchester Self-Loading	3.43 kg	5, 10	\$367
M-1905	.35 Winchester Self-Loading	3.46 kg	5, 10	\$376
M-1907	.351 Winchester Self-Loading	3.54 kg	5, 10	\$382
M-1907 (French)	.351 Winchester Self-Loading	3.55 kg	5, 10	\$385
M-1910	.401 Winchester Self-Loading	3.73 kg	4	\$620

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-1903	SA	1	Nil	5	1	Nil	44
Model 63 (20" Barrel)	SA	1	Nil	5	1	Nil	41
Model 63 (23" Barrel)	SA	1	Nil	5	1	Nil	46
New Model 63	SA	1	Nil	5	1	Nil	46
M-1905 (.32)	SA	2	1-Nil	6	1	Nil	62
M-1905 (.35)	SA	2	1-Nil	6	2	Nil	59
M-1907	SA	3	1-Nil	6	2	Nil	69
M-1907 (French)	5	3	1-Nil	6	2	6	69
M-1910	SA	3	2-Nil	6	4	Nil	72

Winchester SXR

Notes: The SXR (Super-X Rifle) is a new semiautomatic hunting rifle introduced at the end of 2006. Designed primarily for magnum cartridges, the SXR is Winchester's first semiautomatic sporting rifle in several decades, and takes cues from a few other rifles, though it is for the most part an original Winchester design. Certain recoil-reduction measures are similar to those of Benelli's R-1 and the operation is similar to that of the Browning BAR (the civilian rifle, not the military automatic rifle), but both the operation and recoil reduction are improved over those rifles.

The SXR's receiver is made from aluminum alloy; the strength and improvements in design to the Browning action allow the use of this type of receiver. The stock and fore-end are of beautifully-finished high-quality walnut with a contoured black end-cap for the fore-end and a Pachmayr Decelerator recoil pad on the butt. Other parts of the action allow a further decrease in felt recoil. The pistol grip wrist is nicely-checked, and the fore-end is ergonomically-shaped, but the fore-end does show some poor wood-to-metal fit where the fore-end meets the receiver. There are no iron sights, but the drilling and tapping allows for virtually any sort of optics mount, including Weaver and MIL-STD-1913 rails. The barrel is medium-heavy and cold hammer-forged, and is 24 inches long in the magnum calibers and 22 inches long for the .30-06 model. The trigger is single-stage and has a somewhat heavy pull which is unfortunately just a little creepy and uneven. There is also no bolt hold-open feature when the rifle empties its magazine. Barrel heat does tend to warp the barrel somewhat, which causes fired groups to become more and more open during even short periods of

sustained shooting. Fortunately, the SXR is otherwise quite solidly and ruggedly built (though there is a rather long length of exposed barrel).

Most gun experts feel that the SXR is a rifle with promise, but that needs more work before it becomes a really good weapon.

Twilight 2000 Notes: The SXR does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
SXR	.270 Winchester Short Magnum	3.29 kg	3	\$1047
SXR	.300 Winchester Short Magnum	3.4 kg	3	\$1204
SXR	.30-06 Springfield	3.51 kg	4	\$1336
SXR	.300 Winchester Magnum	3.62 kg	3	\$1933

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SXR (.270)	SA	4	1-2-3	7	3	Nil	95
SXR (.300 Short Mag)	SA	5	1-2-3	7	3	Nil	103
SXR (.30-06)	SA	4	2-3-Nil	7	3	Nil	66
SXR (.300 Win Mag)	SA	5	2-3-Nil	8	3	Nil	85

**Sportco Model 44**

Notes: This is a departure from the tried and true Lee/Mauser action rifles that were so popular as sporting weapons in the British Commonwealth at the time. The Sportco Model 44 has an adjustable trigger, and is loaded one cartridge at a time. The barrel is free-floating and capable of good accuracy with its long barrel. The Model 44 uses a Vernier rear sight along with a tunnel-type front sight. The Model 44 is primarily a target rifle, and is not normally used for hunting or sniping; however, the Australian police and military used it for sniping for a short time in the early 1980s.

Weapon		Ammunition		Weight		Magazines		Price	
Sportco Model 44		7.62mm NATO		4.65 kg		1 Internal		\$388	

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sportco Model 44	SS	4	2-3-Nil	7	4	Nil	92



**Browning 1885**

Notes: This is a recreation of an old Browning design, the Model 1885. It is a single shot falling-block rifle with a heavy octagonal barrel. They are redesigned to fire modern ammunition calibers and loads as well as old-style ammunition. The Model 1885 (Also known as the B-85) is known as a “recreation” instead of a replica because while it is very similar to the original 1885 Sporting Rifle, it does have some modern touches, such as a brass deflector behind the breech block that is adjustable for left or right-handed shooters. It also has a non-slip rubber buttplate, and it fires a variety of mostly modern cartridges. The weapon is drilled and tapped as well as having iron sights.

The original version of this rifle was at first simply called the “Model 1885;” this was changed later to the “Model 1885 High Wall,” after the introduction in 1995 of the Model 1885 Low Wall, with a lighter receiver (though still made from steel). The range of chamberings for the Low Wall are greatly reduced from that of the High Wall, and all are light chamberings. The Low Wall also uses a shorter barrel, some four inches shorter than the High Wall's 28-inch barrel. Its frame is blued instead of color-case hardened. In 1996, the Model 1885 BCPR began production; however, production rates have always remained low, and it remains a rare variation. The BCPR has a very long 30-inch heavy octagonal barrel, and the rear sight is a Vernier peep type while the front is a globe-type with an integral spirit level.

Twilight 2000 Notes: The Model 1885 BCPR does not exist in the Twilight 2000 timeline. The Low Wall is a very rare weapon.

Weapon	Ammunition	Weight	Magazines	Price
1885 High Wall	.22-250 Remington	4.07 kg	1 Internal	\$359
1885 High Wall	.270 Winchester	5.1 kg	1 Internal	\$410
1885 High Wall	7mm Remington Magnum	5.16 kg	1 Internal	\$414
1885 High Wall	.30-06 Springfield	5.53 kg	1 Internal	\$432
1885 High Wall	.454 Casull	3.73 kg	1 Internal	\$342
1885 High Wall	.45-70 Government	4.08 kg	1 Internal	\$360
1885 Low Wall	.22 Hornet	2.84 kg	1 Internal	\$306
1885 Low Wall	5.56mm NATO	2.94 kg	1 Internal	\$316
1885 Low Wall	.243 Winchester	3.11 kg	1 Internal	\$333
1885 BCPR	.40-65 Winchester	4.99 kg	1 Internal	\$372
1885 BCPR	.45-70 Government	5.17 kg	1 Internal	\$383

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
1885 High Wall (.22-250)	SS	3	2-Nil	7	3	Nil	78
1885 High Wall (.270)	SS	4	2-3-Nil	7	4	Nil	79
1885 High Wall (7mm)	SS	4	1-2-3	7	4	Nil	98
1885 High Wall (.30-06)	SS	4	2-3-Nil	7	4	Nil	89
1885 High Wall (.454)	SS	5	1-2-Nil	7	3	Nil	83
1885 High Wall (.45-70)	SS	4	2-3-Nil	7	4	Nil	99
1885 Low Wall (.22)	SS	3	1-Nil	6	3	Nil	72
1885 Low Wall (5.56mm)	SS	3	1-Nil	6	3	Nil	71
1885 Low Wall (.243)	SS	3	2-Nil	6	3	Nil	70
1885 BCPR (.40-65)	SS	3	2-Nil	7	4	Nil	110
1885 BCPR (.45-70)	SS	4	2-3-Nil	7	4	Nil	110

**Browning Express**

Notes: This over-and-under double rifle has roots going all the way back to 1931, when FN/Browning brought the original Express rifle based on the B-25 shotgun. The original Express was built only for 7x65Rmm (a rimmed version of the 7x64mm Brenneke) and 9.3x74Rmm, with 25.625” barrels. It has a raised rib on the top of the barrel that has a folding rear sight and is drilled and tapped for a scope. Express barrels are of chrome-molybdenum steel joined together with a rib and silver solder. The Express has intricately-engraved side plates and a box lock. From 1978 to 1994, the Express Continental joined the standard Express; this rifle was made for .30-06 Springfield and 9.3x74Rmm cartridges, with exchange barrels for 20 Gauge shotgun shells. In 1987, a version of the Express firing either 9.3x62mm Mauser or .375 H&H Magnum was added; the 9.3x62mm Mauser version used the same 25.625” barrels, but the .375 H&H Magnum version used shorter 23.625” barrels. In 1992, the Express Europa was introduced; this is virtually the same weapon as the standard Express, but also comes in .270 Winchester, .30-06 Springfield, and 9.3x62mm Mauser versions, each of which have 24-inch barrels. The Express CCS European Classic (later known as simply the Express CCS) appeared in 1996, made for 8mm JRS and 9.3x74Rmm, with 22-inch barrels. The Express CCS Herstal appeared at the same time, in the same chamberings, but with 23.625” barrels (reduced in 1998 to 23.25 inches). Also appearing at the same time was the Express CCS-25, chambered for a wide variety of cartridges and with either 24-inch or 25.625-inch barrels. The Express CCS-375 African was introduced in 2000; it chambers the .375 H&H Magnum round, has 23.625-inch barrels, and is much heavier than most of the Express line. The Express Erice was introduced in 2001 as a luxury version of the Express; it chambers only two rounds, with 22-inch barrels, but the artwork on the weapon is first-class and gold-inlaid, and the stock is of the finest walnut root. The Express Erice can also change the convergence of its rounds by means of moveable spacers for the barrels. The Express Erice Duo was the final version, introduced in

2001; it has the fine quality of the Erice, plus interchangeable barrels that allow the shooter to fire either twin barrels of 8mm JRS, 9.3x74Rmm, or a 20 Gauge shotgun rounds. It also has long 28-inch barrels.

Twilight 2000 Notes: The following versions of this rifle do not exist: Express CCS European Classic, Express CCS Herstal, Express CCS-25. Express African, Express Erice, Express Erice Duo.

Weapon	Ammunition	Weight	Magazines	Price
Express	7x64mm Brenneke	3.5 kg	2 Internal	\$754
Express	9.3x74Rmm	3.5 kg	2 Internal	\$1989
Express	9.3x62mm Mauser	3.5 kg	2 Internal	\$1920
Express	.375 H&H Magnum	4.3 kg	2 Internal	\$2001
Express Continental	.30-06 Springfield	3.5 kg	2 Internal	\$784
Express Continental	9.3x74mmR	3.5 kg	2 Internal	\$1989
Express Continental	20 Gauge 3"	3.5 kg	2 Internal	\$368
Express Europa	.270 Winchester	3.4 kg	2 Internal	\$742
Express Europa	.30-06 Springfield	3.4 kg	2 Internal	\$784
Express Europa	9.3x62mm Mauser	3.4 kg	2 Internal	\$1915
Express CCS	8mm JRS	3.3 kg	2 Internal	\$708
Express CCS	9.3x74Rmm	3.3 kg	2 Internal	\$1763
Express CCS Herstal (23.625" Barrels)	8mm JRS	3.4 kg	2 Internal	\$741
Express CCS Herstal (23.625" Barrels)	9.3x74Rmm	3.4 kg	2 Internal	\$1863
Express CCS Herstal (23.25" Barrels)	8mm JRS	3.4 kg	2 Internal	\$733
Express CCS Herstal (23.25" Barrels)	9.3x74Rmm	3.4 kg	2 Internal	\$1840
Express CCS-25 (24" Barrels)	.270 Winchester	3.4 kg	2 Internal	\$709
Express CCS-25 (24" Barrels)	7x64mm Brenneke	3.4 kg	2 Internal	\$716
Express CCS-25 (24" Barrels)	.30-06 Springfield	3.4 kg	2 Internal	\$751
Express CCS-25 (24" Barrels)	.30 Blaser	3.4 kg	2 Internal	\$1745
Express CCS-25 (24" Barrels)	8mm JRS	3.4 kg	2 Internal	\$749
Express CCS-25 (24" Barrels)	9.3x62mm Mauser	3.4 kg	2 Internal	\$1815
Express CCS-25 (24" Barrels)	9.3x74Rmm	3.4 kg	2 Internal	\$1885
Express CCS-25 (25.625" Barrels)	.270 Winchester	3.45 kg	2 Internal	\$742
Express CCS-25 (25.625" Barrels)	7x64mm Brenneke	3.45 kg	2 Internal	\$753
Express CCS-25 (25.625" Barrels)	.30-06 Springfield	3.45 kg	2 Internal	\$784
Express CCS-25 (25.625" Barrels)	.30 Blaser	3.45 kg	2 Internal	\$1844
Express CCS-25 (25.625" Barrels)	8mm JRS	3.45 kg	2 Internal	\$782
Express CCS-25 (25.625" Barrels)	9.3x62mm Mauser	3.45 kg	2 Internal	\$1915
Express CCS-25 (25.625" Barrels)	9.3x74Rmm	3.45 kg	2 Internal	\$1984
Express CCS-375 African	.375 H&H Magnum	4.3 kg	2 Internal	\$1874
Express Erice	8mm JRS	3.1 kg	2 Internal	\$708
Express Erice	9.3x74Rmm	3.1 kg	2 Internal	\$1763
Express Erice Duo	8mm JRS	3.25 kg	2 Internal	\$830
Express Erice Duo	9.3x74Rmm	3.25 kg	2 Internal	\$2129
Express Erice Duo	20 Gauge 3"	3.25 kg	2 Internal	\$393

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Express (7x65Rmm)	SA	4	1-2-3	7	5	Nil	86
Express (9.3x74Rmm)	SA	7	1-3-5	7	6	Nil	94
Express (9.3x62mm)	SA	5	2-4-Nil	7	6	Nil	90
Express (.375)	SA	7	1-3-5	7	6	Nil	100
Express Continental (.30-06)	SA	4	2-3-Nil	7	5	Nil	78
Express Continental (9.3x74Rmm)	SA	7	1-3-5	7	6	Nil	94
Express Continental (20 GA)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	54
Express Europa (.270)	SA	4	2-3-Nil	6	5	Nil	69
Express Europa (.30-06)	SA	4	2-3-Nil	7	5	Nil	78
Express Europa (9.xx62mm)	SA	5	2-4-Nil	7	6	Nil	90
Express CCS (8mm)	SA	4	2-3-Nil	6	5	Nil	72
Express CCS (9.3x74Rmm)	SA	6	1-3-Nil	6	7	Nil	75
Express CCS Herstal (23.625", 8mm)	SA	4	2-3-Nil	6	5	Nil	80
Express CCS Herstal (23.625", 9.3x74Rmm)	SA	6	1-3-Nil	7	6	Nil	84
Express CCS Herstal (23.25", 8mm)	SA	4	2-3-Nil	6	5	Nil	78
Express CCS Herstal (23.25", 9.3x74Rmm)	SA	6	1-3-Nil	6	6	Nil	81

Express CCS-25 (24", .270)	SA	4	2-3-Nil	6	5	Nil	63
Express CCS-25 (24", 7x65Rmm)	SA	4	1-2-3	6	5	Nil	78
Express CCS-25 (24", .30-06)	SA	4	2-3-Nil	6	5	Nil	71
Express CCS-25 (24", .30)	SA	5	1-2-3	6	5	Nil	79
Express CCS-25 (24", 8mm)	SA	4	2-3-Nil	6	5	Nil	82
Express CCS-25 (24", 9.3x62mm)	SA	5	2-4-Nil	6	6	Nil	82
Express CCS-25 (24", 9.3x74Rmm)	SA	6	1-3-Nil	6	7	Nil	85
Express CCS-25 (25.625", .270)	SA	4	2-3-Nil	6	5	Nil	69
Express CCS-25 (25.625", 7x65Rmm)	SA	4	1-2-3	6	5	Nil	84
Express CCS-25 (25.625", .30-06)	SA	4	2-3-Nil	7	5	Nil	78
Express CCS-25 (25.625", .30)	SA	6	1-2-3	7	5	Nil	87
Express CCS-25 (25.625", 8mm)	SA	5	2-3-Nil	7	5	Nil	90
Express CCS-25 (25.625", 9.3x62mm)	SA	5	2-4-Nil	7	6	Nil	90
Express CCS-25 (25.625", 9.3x74Rmm)	SA	7	1-3-5	7	6	Nil	94
Express CCS-375 African	SA	7	1-3-5	7	6	Nil	88
Express Erice (8mm)	SA	4	2-3-Nil	6	5	Nil	72
Express Erice (9.3x74Rmm)	SA	6	1-3-Nil	6	7	Nil	75
Express Erice Duo (8mm)	SA	5	2-3-Nil	7	5	Nil	102
Express Erice Duo (9.3x74Rmm)	SA	7	1-3-5	7	7	Nil	108
Express Erice Duo (20 GA)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	59

**FN Express Double Rifle**

Notes: This rifle is an improved version of the old Browning Superposed shotgun, turned into a rifle. It is an over-and-under design, and has the addition of a reduced-wear breech and a top-lever system for selection of the barrel to be fired. Most of these rifles are built with expensive woods and intricate engraving on the action. Because of the design of the weapon, only one barrel may be fired at a time.

Weapon	Ammunition	Weight	Magazines	Price
Express Double Rifle	7.65x65mm Belgian	3.45 kg	2 Internal	\$780
Express Double Rifle	9.3x74Rmm	5.73 kg	2 Internal	\$1983

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Express Double Rifle (7.65mm)	SA	5	1-2-3	7	5	Nil	89
Express Double Rifle (9.3mm)	SA	7	1-3-5	7	5	Nil	94

**BSA No. 1 Rimfire Rifle**

Notes: This rifle was originally designed as a military training rifle, to teach basic marksmanship. It had a long production run, from 1908-1939, during which many thousands were built. Several versions were built, mostly with a fixed stock, but some were built with a folding stock. They typically had the rising-blade-type rear sight that was found on most air rifles of the day, the No. 1A (later known as the No. 2) had a micrometer-adjustable rear sight, and a plate that could take the a folding aperture sight.

Weapon	Ammunition	Weight	Magazines	Price
BSA No. 1/1A (Fixed Stock)	.22 Long Rifle	1.86 kg	1 Internal	\$227
BSA No. 1 (Folding Stock)	.22 Long Rifle	1.61 kg	1 Internal	\$252

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
BSA No. 1/1A (Fixed Stock)	SS	1	Nil	5	1	Nil	40
BSA No. 1 (Folding Stock)	SS	1	Nil	3/5	1	Nil	40

**Rigby Double .416**

Notes: This side-by-side double-barreled rifle fires the powerful .416 Rigby round. The Rigby Double .416 locks with double barrel lugs which have doll's head locking. The barrel rib extends into the breech block for added strength, with a tapered bevel that drops into a matching recess in the breech block – very strong, but also very labor-intensive to build. The side locks are Southgate-type, with a large V-shaped spring at the back of the lock plate. The mechanism is very reliable ahs accidental discharges or discharges of both barrels at once are virtually impossible. The Rigby Double .416 has a double trigger, which can be made to fire at a pressure specified by the customer. The stock and fore-end are of select walnut root, handmade and polished. The pistol grip wrist, fore-end, and neck have fish-skin-type checkering. The side plates are works of art, with elaborate engraving (often gold-inlaid), and signed with the name of the company.

Weapon	Ammunition	Weight	Magazines	Price
Rigby Double .416	.416 Rigby	5.75 kg	2 Internal	\$2001

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Rigby Double .416	SA	7	1-3-5	7	5	Nil	98

**Rigby Double .470**

Notes: This side-by-side double-barreled rifle is designed for elephant hunting, and uses a powerful round. This rifle's locking is by double lugs under the barrel block with a Purdey bolt. The Purdey bolt has a short lug which drops into a recess between the two barrels and into the buffer plate of the breech. The locking lug also drops into an aperture, further strengthening the mechanism. Though this rifle is normally made to customer order, the standard gun uses 24-inch barrels; the side plates are always a work of art, and the stock and fore-end are of select walnut. The trigger is a double trigger.

Weapon	Ammunition	Weight	Magazines	Price
Rigby Double .470	.470 Nitro Express	5.9 kg	2 Internal	\$2239

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Rigby Double .470	SA	8	1-2-3	7	7	Nil	97

Tikka M-512-S Express

Notes: This double rifle was produced after the merger with Sako and Valmet, and is basically a Valmet 412-S with improvements in the action. The metalwork is case-hardened, and has a silver-gray finish. All but the .30-06 and 7.62mm NATO versions have automatic case ejectors.

Weapon	Ammunition	Weight	Magazines	Price
M-512-S	.280 Remington	3.22 kg	2 Internal	\$719
M-512-S	7.62mm Nagant	3 kg	2 Internal	\$717
M-512-S	.30-06 Springfield	3.29 kg	2 Internal	\$751
M-512-S	7.62mm NATO	2.65 kg	2 Internal	\$704
M-512-S	8mm Mauser	2.79 kg	2 Internal	\$749
M-512-S	9.3x74mmR	3.4 kg	2 Internal	\$1885

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-512-S (.280)	SA	4	2-3-Nil	6	5	Nil	64
M-512-S (7.62mm Nagant)	SA	4	2-3-Nil	6	5	Nil	81
M-512-S (.30-06)	SA	4	2-3-Nil	6	5	Nil	71
M-512-S (7.62mm NATO)	SA	4	2-3-Nil	6	5	Nil	81
M-512-S (8mm Mauser)	SA	4	2-3-Nil	6	6	Nil	82
M-512-S (9.3mm)	SA	5	2-4-Nil	7	6	Nil	71

Valmet M-412-S

Notes: This is a simple break-open rifle that was originally part of a range of firearms that included shotguns, rifles, and combination guns. It is a sturdy rifle that is easily cared for and allows decent accuracy (if not rapid fire). The stock has a Monte Carlo comb without a cheekpiece. All of these rifles feature automatic ejection of spent shells except for the .30-06 version.

Weapon	Ammunition	Weight	Magazines	Price
M-412-S	.243 Winchester	2.87 kg	2 Internal	\$709
M-412-S	.30-06 Springfield	3.29 kg	2 Internal	\$751
M-412-S	7.62mm NATO	2.65 kg	2 Internal	\$704
M-412-S	.375 H&H Magnum	3.6 kg	2 Internal	\$1897
M-412-S	9.3x74Rmm	3.4 kg	2 Internal	\$1885

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-412-S (.270)	SA	4	2-3-Nil	6	5	Nil	63
M-412-S (.30-06)	SA	4	2-3-Nil	6	5	Nil	71
M-412-S (7.62mm)	SA	4	2-3-Nil	6	5	Nil	81
M-412-S (.375)	SA	7	1-3-5	7	6	Nil	90
M-412-S (9.3mm)	SA	5	2-4-Nil	7	6	Nil	71

Valmet Orava

Notes: This compact and simple rifle is designed for youths and those first learning how to shoot. It is a plain rifle with few features other than a pistol-grip stock with a finger groove and an action easy to take down and clean. It is otherwise a standard rimfire rifle.

Weapon	Ammunition	Weight	Magazines	Price
Orava	.22 Long Rifle	1.77 kg	1 Internal	

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Orava	SS	1	Nil	5	1	Nil	40

Valmet Finnish Lion

Notes: This is a target rifle, once one of the weapons of choice for target shooters. It combined low price, excellent quality, and accuracy. A variety of target-shooting accessories could be fitted, from hand stops for the pistol grip and fore-end to bipods and telescopic sights. There were several variants: the Finnish Lion Champion, with a thumbhole stock, a trigger that could be adjusted for a release pressure as low as 100 grams, and a heavy 28.35" barrel; the Finnish Lion International, a standard Finnish Lion without mounts for scopes or optical sights, and either a thumbhole or standard stock as desired; the Finnish Lion Junior, a smaller-stocked version with a simplified action (identical for game purposes); and the Finnish Lion Match, with a raised cheekpiece, an extended hook-type buttplate, and a bipod attachment (also identical for game purposes).

Weapon	Ammunition	Weight	Magazines	Price



Finnish Lion	.22 Long Rifle	4.83 kg	1 Internal	\$454
Finnish Lion Champion	.22 Long Rifle	6.6 kg	1 Internal	\$469
Finnish Lion International	.22 Long Rifle	4.73 kg	1 Internal	\$304

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Finnish Lion	SS	1	Nil	6	1	Nil	55
Finnish Lion Champion	SS	1	Nil	6	1	Nil	57
Finnish Lion International	SS	1	Nil	6	1	Nil	55

Chapuis Armes Oural Exel

Notes: Chapuis Armes is a maker of premier break-open sporting arms in France – all of its weapons are more or less “deluxe.” The Oural Exel is a boxlock-type weapon with a Monte Carlo cheekpiece. The pistol grip and handguard are both checkered. The trigger is normally a single trigger, but a set trigger-equipped rifle is also available. The Oural Exel is typically finished with elaborate scrollwork on the receiver. There are two even more elaborately-finished versions: the Oural Luxe has special individually-signed scrollwork (usually a scene of game animals); the Oural Elite has additional sideplate area to allow more elaborate artwork on the receiver (usually tailored to the buyer), and only the finest walnut woodwork. All are topped with a 1.5-6x42 Zeiss scope as standard.

Weapon	Ammunition	Weight	Magazines	Price
Oural Exel	.243 Winchester	2.56 kg	1 Internal	\$523
Oural Exel	6mm Freres	2.6 kg	1 Internal	\$534
Oural Exel	6.5x57mm Mauser	2.59 kg	1 Internal	\$541
Oural Exel	6.5x68mm RWS	2.75 kg	1 Internal	\$556
Oural Exel	7mm Remington Magnum	3.07 kg	1 Internal	\$564
Oural Exel	7mm Weatherby Magnum	3.11 kg	1 Internal	\$566
Oural Exel	.270 Winchester	2.88 kg	1 Internal	\$561
Oural Exel	.300 Winchester Magnum	3.39 kg	1 Internal	\$1068

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Oural Exel (.243)	SS	3	2-Nil	6	4	Nil	66
Oural Exel (6mm Freres)	SS	4	1-2-Nil	6	5	Nil	70
Oural Exel (6.5x57mm)	SS	4	2-Nil	6	5	Nil	66
Oural Exel (6.5x68mm)	SS	4	1-2-3	6	5	Nil	70
Oural Exel (7mm Rem Magnum)	SS	4	1-2-3	6	5	Nil	79
Oural Exel (7mm Whby Magnum)	SS	4	1-2-3	6	5	Nil	78
Oural Exel (.270)	SS	4	2-3-Nil	6	5	Nil	61
Oural Exel (.300)	SS	5	2-3-Nil	6	5	Nil	66

Chapuis Armes Progress Ugex

Notes: This is basically a double-barreled version of the Oural Exel. There are several variants, all beautiful weapons: the standard Progress Ugex, the Progress Brousse big game rifle; the Progress Hgex, a slightly lighter model with exhibition-quality artwork; the Progress Rgex, with the additional chambering of .300 Winchester Magnum; and a variety of “super deluxe” models with increasingly fancy artwork, woods, and/or different scenes on the receiver. All these rifles come with the same scope as the Oural Exel.

Weapon	Ammunition	Weight	Magazines	Price
Progress Ugex	7mm Weatherby Magnum	3.24 kg	2 Internal	\$907
Progress Ugex	.30 Blaser	4.38 kg	2 Internal	\$1921
Progress Ugex	8mm JRS	2.91 kg	2 Internal	\$940
Progress Ugex	8x75mm RS	4.33 kg	2 Internal	\$1966
Progress Ugex	9.3x74R	5.11 kg	2 Internal	\$2098
Progress Brousse	.375 H&H Magnum	4.2 kg	2 Internal	\$2072
Progress Brousse	.416 Rigby	4.72 kg	2 Internal	\$2176
Progress Brousse	.470 Nitro Express	6.85 kg	2 Internal	\$2415
Progress Hgex	7mm Weatherby Magnum	3.18 kg	2 Internal	\$907
Progress Hgex	.30 Blaser	4.3 kg	2 Internal	\$1921
Progress Hgex	8mm JRS	2.85 kg	2 Internal	\$940
Progress Hgex	8x75mm RS	4.25 kg	2 Internal	\$1966
Progress Hgex	9.3x74R	5.01 kg	2 Internal	\$2098
Progress Rgex	7mm Weatherby Magnum	3.56 kg	2 Internal	\$907
Progress Rgex	.30 Blaser	4.82 kg	2 Internal	\$1921
Progress Rgex	.300 Winchester Magnum	4.64 kg	2 Internal	\$1915
Progress Rgex	8mm JRS	3.2 kg	2 Internal	\$940
Progress Rgex	8x75mm RS	4.76 kg	2 Internal	\$1966
Progress Rgex	9.3x74R	5.62 kg	2 Internal	\$2098

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Progress Ugex/Hgex/Rgex (7mm)	SA	4	1-2-3	6	5	Nil	79
Progress Ugex/Hgex/Rgex (.30)	SA	5	1-2-3	6	4	Nil	80
Progress Ugex/Hgex/Rgex (8mm JRS)	SA	4	2-3-Nil	6	5	Nil	80
Progress Ugex/Hgex/Rgex (8mm RS)	SA	6	1-3-Nil	6	5	Nil	75

Progress Ugex/Hgex/Rgex (.9.3mm)	SA	7	1-3-5	7	5	Nil	89
Progress Brousse (.375)	SA	7	1-3-5	7	6	Nil	90
Progress Brousse (.416)	SA	7	1-3-5	7	6	Nil	98
Progress Brousse (.470)	SA	8	1-2-3	7	6	Nil	98
Progress Rgex (.300)	SA	5	2-3-Nil	7	4	Nil	82

**Chapuis Armes Super Orion**

Notes: This is an over-and-under version of the Progress Ugex, with the addition of a recoil pad on the butt and the option of a shorter barrel. The standard version (C-5) has no automatic case ejection, but does have a double trigger so both barrels may be fired at once. Variants include the C-10, identical except for automatic case ejection; the C-15, a deluxe version; the C-25 (even more deluxe), the C-115 Artisan (even more deluxe than the C-25), the C-125 Artisan (different artwork, but just as deluxe as the C-115); the Excellence (almost top of the line); and the Prestige (the absolute premier rifle of the series). All these rifles are identical for game purposes, and come with the same scope as the Oural Exal.

Weapon	Ammunition	Weight	Magazines	Price
Super Orion (21.65" Barrel)	7mm Weatherby Magnum	2.78 kg	2 Internal	\$943
Super Orion (23.6" Barrel)	7mm Weatherby Magnum	2.91 kg	2 Internal	\$982
Super Orion (21.65" Barrel)	.30 Blaser	3.12 kg	2 Internal	\$1877
Super Orion (23.6" Barrel)	.30 Blaser	3.27 kg	2 Internal	\$1996
Super Orion (21.65" Barrel)	8mm JRS	2.6 kg	2 Internal	\$976
Super Orion (23.6" Barrel)	8mm JRS	2.72 kg	2 Internal	\$1015
Super Orion (21.65" Barrel)	8x75mm RS	2.67 kg	2 Internal	\$1921
Super Orion (23.6" Barrel)	8x75mm RS	2.8 kg	2 Internal	\$2040
Super Orion (21.65" Barrel)	9.3x74R	3.15 kg	2 Internal	\$2017
Super Orion (23.6" Barrel)	9.3x74R	3.3 kg	2 Internal	\$2136

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Super Orion (21.65", 7mm)	SA	4	1-2-3	6	4	Nil	70
Super Orion (23.6", 7mm)	SA	4	1-2-3	6	4	Nil	79
Super Orion (21.65", .30)	SA	5	1-2-3	6	4	Nil	70
Super Orion (23.6", .30)	SA	5	1-2-3	6	4	Nil	80
Super Orion (21.65", 8mm JRS)	SA	4	2-3-Nil	6	5	Nil	70
Super Orion (23.6", 8mm JRS)	SA	4	2-3-Nil	6	5	Nil	80
Super Orion (21.65", 8mm RS)	SA	6	1-2-3	6	5	Nil	66
Super Orion (23.6", 8mm RS)	SA	6	1-3-Nil	6	6	Nil	75
Super Orion (21.65", 9.3mm)	SA	6	1-3-Nil	6	6	Nil	76
Super Orion (23.6, 9.3mm)	SA	6	1-3-Nil	7	6	Nil	86

**Manufrance Buffalo**

Notes: This is a basic rifle chambered for an unusual cartridge. Hundreds of thousands of them were built over a 77-year period starting in 1900. It is a very basic rifle, with a straight stock without a pistol grip in its base version (the Model 602). The Models 608 and 614 are deluxe versions of the 602. The Buffalo-Champion is a larger version, also made in versions firing other (though small-caliber) cartridges, and with a micro-adjustable rear sight, pistol-gripped stock, and spurred buttplate. The Buffalo-Eureka is a double rifle combination gun. The Buffalo Federale (Model 724) is a target rifle with a heavy barrel with a sighting rib and competition sights. The Buffalo Match is another target rifle, better in quality than the Federale, with micro-adjustable sights. The Buffalo Junior is a "youth rifle," for new or young shooters. The Buffalo-Mittraille is a triple-barreled rifle, enclosed in a large barrel shroud; it comes in a pre-World War 2 and post-World War 2 version, and when it is fired, all three rounds are fired at once (triple the recoil). The Buffalo-Slave fired pistol ammunition, and is not actually a small-caliber rifle in the usual sense; it is included here for completeness. The Buffalo-Sport comes in two versions, the Model 710 and 716, and could fire several different types of .22 rimfire ammunition interchangeably. The Buffalo-Super-Champion could also fire the .22 Extra Long cartridge, and was regarded as the best of the Buffalo line; it has a set trigger, a palm rest below the receiver, a Lyman aperture sight, and could mount a bipod.

Weapon	Ammunition	Weight	Magazines	Price
Buffalo	9mm Flobert	2.2 kg	1 Internal	\$148
Buffalo-Champion	.22 Extra Short	5.48 kg	1 Internal	\$295
Buffalo-Champion	.22 Short	5.48 kg	1 Internal	\$295
Buffalo-Champion	.22 Long	5.49 kg	1 Internal	\$296
Buffalo-Champion	.22 Long Rifle	5.5 kg	1 Internal	\$296
Buffalo-Eureka	9mm Flobert + 6mm Rimfire	2.4 kg	1+1 Internal	\$265
Buffalo Federale	.22 Long Rifle	3.49 kg	1 Internal	\$289
Buffalo Junior	.22 Long Rifle	3.33 kg	1 Internal	\$257

Buffalo Junior	6mm Rimfire	3.33 kg	1 Internal	\$143
Buffalo Match	.22 Long Rifle	3.81 kg	1 Internal	\$295
Buffalo-Mitraille (pre-war)	.22 Long Rifle	2.65 kg	3 Internal	\$754
Buffalo-Mitraille (post-war)	.22 Long Rifle	3.18 kg	3 Internal	\$765
Buffalo-Slave A	8mm Lebel Revolver	2.59 kg	1 Internal	\$322
Buffalo-Slave B	.32-20 Winchester	2.63 kg	1 Internal	\$279
Buffalo-Sport 710	.22 Extra Short, .22 Short, .22 Long, and .22 Long Rifle	2.31 kg	1 Internal	\$256
Buffalo Sport 716	.22 Long Rifle and 6mm Rimfire	2.45 kg	1 Internal	\$278
Buffalo-Super-Champion	.22 Extra Short, .22 Short, .22 Long, .22 Long Rifle, and .22 Extra Long	2.6 kg	1 Internal	\$304

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Buffalo	SS	2/1d6x4	1-Nil/Nil	5	2	Nil	33
Buffalo-Champion (.22 Extra-Short)	SS	-2	Nil	6	1	Nil	43
Buffalo-Champion (.22 Short)	SS	-2	Nil	6	1	Nil	43
Buffalo-Champion (.22 Long)	SS	1	Nil	6	1	Nil	48
Buffalo-Champion (.22 Long Rifle)	SS	1	Nil	6	1	Nil	52
Buffalo-Eureka (9mm Flobert Barrel)	SS	2/1d6x4	1-Nil/Nil	5	2	Nil	33
Buffalo-Eureka (6mm Rimfire Barrel)	SS	1/1d6	Nil/Nil	5	1	Nil	23
Buffalo Federale	SS	1	Nil	6	1	Nil	51
Buffalo Junior (.22 Long Rifle)	SS	1	Nil	5	1	Nil	45
Buffalo Junior (6mm Rimfire)	SS	1/1d6	Nil/Nil	5	1	Nil	23
Buffalo Match	SS	1	Nil	6	1	Nil	52
Buffalo-Mitraille (pre-war)	SA	1	Nil	5	1	Nil	47
Buffalo-Mitraille (post-war)	SA	1	Nil	5	1	Nil	48
Buffalo-Slave A	SS	2	2-Nil	6	2	Nil	62
Buffalo-Slave B	SS	2	2-Nil	6	2	Nil	68
Buffalo-Sport 710 (.22 Extra Short)	SS	-2	Nil	5	1	Nil	37
Buffalo-Sport 710 (.22 Short)	SS	-2	Nil	5	1	Nil	37
Buffalo-Sport 710 (.22 Long)	SS	1	Nil	5	1	Nil	41
Buffalo-Sport 710 (.22 Long Rifle)	SS	1	Nil	5	1	Nil	45
Buffalo-Sport 716 (.22 Long Rifle)	SS	1	Nil	6	1	Nil	49
Buffalo-Sport (6mm Rimfire)	SS	1/1d6	Nil/Nil	6	1	Nil	25
Buffalo-Super-Champion (.22 Extra Short)	SS	-2	Nil	6	1	Nil	44
Buffalo-Super-Champion (.22 Short)	SS	-2	Nil	6	1	Nil	44
Buffalo-Super-Champion (.22 Long)	SS	1	Nil	6	1	Nil	49
Buffalo-Super-Champion (.22 Long Rifle)	SS	1	Nil	6	1	Nil	54
Buffalo-Super-Champion (.22 Extra Long)	SS	1	Nil	6	1	Nil	62

Manufrance Express

Notes: These are high-powered double rifles manufactured for big game hunting in the 1930s. They fire large cartridges and are massive weapons. Each barrel has its own hammer and trigger, and the spent cases have automatic ejection. The stocks have pistol-grip wrists and the sights are elaborate leaf sights. The receiver normally has elaborate artwork engraved on it. The Express Ideal has somewhat shorter barrels.

Weapon	Ammunition	Weight	Magazines	Price
Express	8x51mm Mauser	4.69 kg	2 Internal	\$807
Express	.405 Winchester	5.71 kg	2 Internal	\$2183
Express	.450 Nitro Express No. 2	6.71 kg	2 Internal	\$2488
Express Ideal	8x51mm Mauser	5.34 kg	2 Internal	\$758
Express Ideal	.405 Winchester	6.5 kg	2 Internal	\$2061
Express Ideal	.450 Nitro Express No. 2	7.64 kg	2 Internal	\$2366

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Express (8mm)	SA	4	2-3-Nil	7	4	Nil	97
Express (.405)	SA	6	2-4-Nil	8	5	Nil	103
Express (.450)	SA	8	1-2-3	8	6	Nil	113
Express Ideal (8mm)	SA	4	2-3-Nil	7	4	Nil	90

Express Ideal (.405)	SA	6	2-4-Nil	7	5	Nil	92
Express Ideal (.450)	SA	8	1-2-3	8	6	Nil	101

Manufrance Populaire

Notes: Built by the hundreds of thousands since shortly before World War 2, the Populaire was originally chambered for the eccentric 9mm Flobert rimfire shotshell cartridge. Later versions, such as the Populaire Junior, were chambered for the anemic 6mm Rimfire Shotshell cartridge. Another version, the Populaire Scolaire, was intended for cadet training and fired either .22 Extra Short or 6mm Rimfire. The Populaire-Sport fired only .22 Extra Short at first; later, this was changed to 6mm Rimfire. These are all lightweight, simple weapons.

Weapon	Ammunition	Weight	Magazines	Price
Populaire	9mm Flobert	1.5 kg	1 Internal	\$143
Populaire Junior	6mm Rimfire	2.04 kg	1 Internal	\$149
Populaire Scolaire	.22 Extra Short	1.92 kg	1 Internal	\$248
Populaire Scolaire	6mm Rimfire	1.94 kg	1 Internal	\$139
Populaire-Sport	.22 Extra Short	1.81 kg	1 Internal	\$258
Populaire-Sport	6mm Rimfire	1.99 kg	1 Internal	\$144

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Populaire	SS	2/1d6x4	1-Nil/Nil	5	3	Nil	32
Populaire Junior (6mm)	SS	1/1d6	Nil/Nil	5	1	Nil	24
Populaire Scolaire (.22)	SS	-2	Nil	5	1	Nil	36
Populaire Scolaire (6mm)	SS	1/1d6	Nil/Nil	5	1	Nil	22
Populaire-Sport (.22)	SS	-2	Nil	5	1	Nil	37
Populaire-Sport (6mm)	SS	1/1d6	Nil/Nil	5	1	Nil	23

Unique T-2000

This rifle replaced the T-66 series in production, and is in fact a modernized T-66. It has a flat-bottomed receiver and a fully adjustable trigger, along with an adjustable cheekpiece, adjustable buttplate, and an accessory rail in the fore-end. The sights are aperture competition sights. Variants include the T-2000 Free Rifle, which has an astounding 710mm heavy barrel, and a hook for the buttplate. The T-2000 Free Rifle, Lightweight is similar, but uses a fluted barrel to reduce weight.

Twilight 2000 Notes: These weapons do not exist.

Weapon	Ammunition	Weight	Magazines	Price
T-2000	.22 Long Rifle	5.15 kg	1 Internal	\$533
T-2000 Free Rifle	.22 Long Rifle	6.65 kg	1 Internal	\$540
T-2000 Free Rifle, Lightweight	.22 Long Rifle	5.98 kg	1 Internal	\$540

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
T-2000	SS	1	Nil	6	1	Nil	55
T-2000 Free Rifle	SS	1	Nil	6	1	Nil	56
T-2000 Free Rifle, Lightweight	SS	1	Nil	6	1	Nil	56

**Anschutz 1360**

Notes: This design was abandoned in the early 1980s. It is based on the primitive Flobert I action, and was regarded as the lowest-quality Anschutz rifle – which made it better than most equivalent rifles, but not up to normal Anschutz quality. The base Model 1360 rifle could fire virtually any sort of .22 rimfire ammunition, from the tiny BB Caps to .22 Long Rifle. The Model 1363 could fire only .22 Long Rifle, but had improved leaf rear sights, a rounded pistol grip, and an adjustable trigger. The Model 1365 is chambered for the odd 9mm Flobert shotshell ammunition.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 1360	.22 BB Cap, .22 CB Cap, .22 Extra Short, .22 Short, .22 Long. .22 Long Rifle, and .22 Extra Long	2.25 kg	1 Internal	\$245
Anschutz 1363	.22 Long Rifle	2.25 kg	1 Internal	\$244
Anschutz 1365	9mm Flobert	2.3 kg	1 Internal	\$250

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 1360 (.22 BB Cap)	SS	-2	Nil	5	1	Nil	29
Anschutz 1360 (.22 CB Cap)	SS	-2	Nil	5	1	Nil	36
Anschutz 1360 (.22 Extra Short)	SS	-2	Nil	5	1	Nil	33
Anschutz 1360 (.22 Short)	SS	-2	Nil	5	1	Nil	36
Anschutz 1360 (.22 Long)	SS	1	Nil	5	1	Nil	40
Anschutz 1360 (.22 Long Rifle)	SS	1	Nil	5	1	Nil	44
Anschutz 1360 (.22 Extra Long)	SS	1	Nil	5	1	Nil	51
Anschutz 1363	SS	1	Nil	5	1	Nil	44
Anschutz 1365	SS	2/1d6x4	Nil	5	2	Nil	31

**Anschutz 1380**

Notes: This is little more than an improved 1360, using the slightly-improved (but still primitive) Flobert II action. The basic 1380 could, as the 1360, fire anything from BB Caps to .22 Long Rifle rounds. The 1386 is similar, but came with a 4x15 telescopic sight as standard. The Model 1386 Z was a rather odd version; it was designed for firing indoors and at events such as carnivals and suchlike, and fired a very low-power cartridge known as the 4mm Übungsmunition. The model 1388 was also similar to the 1380, but used a low Monte Carlo comb and a spring leaf rear sight, and had a shorter barrel.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 1380	.22 BB Cap, .22 CB Cap, .22 Extra Short, .22 Short, .22 Long. .22 Long Rifle, and .22 Extra Long	2.35 kg	1 Internal	\$245
Anschutz 1386	.22 BB Cap, .22 CB Cap, .22 Extra Short, .22 Short, .22 Long. .22 Long Rifle, and .22 Extra Long	2.45 kg	1 Internal	\$445
Anschutz	4mm Übungsmunition	2.3 kg	1 Internal	\$242



1386Z				
Anschutz 1388	.22 BB Cap, .22 CB Cap, .22 Extra Short, .22 Short, .22 Long. .22 Long Rifle, and .22 Extra Long	2.25 kg	1 Internal	\$225

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 1380 (.22 BB Cap)	SS	-2	Nil	5	1	Nil	29
Anschutz 1380 (.22 CB Cap)	SS	-2	Nil	5	1	Nil	36
Anschutz 1380 (.22 Extra Short)	SS	-2	Nil	5	1	Nil	33
Anschutz 1380 (.22 Short)	SS	-2	Nil	5	1	Nil	36
Anschutz 1380 (.22 Long)	SS	1	Nil	5	1	Nil	40
Anschutz 1380 (.22 Long Rifle)	SS	1	Nil	5	1	Nil	44
Anschutz 1380 (.22 Extra Long)	SS	1	Nil	5	1	Nil	51
Anschutz 1386Z	SS	-2	Nil	5	1	Nil	34
Anschutz 1388 (.22 BB Cap)	SS	-2	Nil	5	1	Nil	26
Anschutz 1388 (.22 CB Cap)	SS	-2	Nil	5	1	Nil	33
Anschutz 1388 (.22 Extra Short)	SS	-2	Nil	5	1	Nil	29
Anschutz 1388 (.22 Short)	SS	-2	Nil	5	1	Nil	33
Anschutz 1388 (.22 Long)	SS	1	Nil	5	1	Nil	37
Anschutz 1388 (.22 Long Rifle)	SS	1	Nil	5	1	Nil	40
Anschutz 1388 (.22 Extra Long)	SS	1	Nil	5	1	Nil	45

**Anschutz 1400 Match 54**

Notes: The Model 54-based rifles are regarded as Anschutz’s finest rimfire rifles, and come in a variety of models.

The bolt seems abnormally heavy for a small-caliber weapon, but this is part of the weighting system, as is the heavy walnut stock. It is sold with a simple optical sight, and does not have any sort of iron sights. The receiver is drilled and tapped for more elaborate sights, and the trigger and stock are adjustable.

The Model 1407 UIT Standard is the base rifle, with a target-style stock using a fixed comb and deep fore-end. The fore-end also has an accessory rail. The rifle normally has an aperture rear sight, but target-style iron sights could be substituted, and the trigger is adjustable. The Model 1407D is the same rifle with a non-adjustable trigger. The Model 1407Z is a rare variation designed for indoor shooting and events such as carnivals; it fires the tiny 4mm Ubungsmunition primer-propelled round. The Model 1408ED has a somewhat shorter barrel, and an adjustable buttplate and a non-adjustable trigger with an extremely light pull (17.6 ounces). It was designed for moving target competitions, and while it is not normally equipped with a target-style aperture sight, it is grooved for a telescopic sight. The Model 1408ED Super has a thumbhole stock, an adjustable cheekpiece, and provisions for muzzle counterweights, but is otherwise identical to the 1408ED. The Model 1409 is a 1407 with a thumbhole stock and a trigger pull that could be adjusted down to a miniscule 6.2 ounces, but is otherwise a 1407 with a longer barrel. The 1409Z is a 1409 chambered for the 4mm Ubungsmunition cartridge, not made in large numbers. The 1413 has a thumbhole stock, adjustable cheekpiece and buttplate, a special palm rest on the fore-end, and adjustable trigger. The 1413D is the same, but has no adjustable trigger. The 1413St is also identical, but also has a set trigger. The Models 1410 and 1410D are simpler versions of the 1413 and 1413D, without

the adjustable heel rest on the pistol grip, no palm rest, and no provision for counterweights. (They are identical to the 1413 and 1413D for game purposes). The Models 1411 and 1411D are basically 1407's designed for prone shooting, with a lower cheekpiece and fore-end. The Model 1427 Biathlon is a rare variant, magazine-fed and bolt-action, with a special biathlon harness, a plain slab-sided buttstock, and a hook on the buttstock for additional steadying.

The Models 1422 and 1422St are sporting versions of the 1400 Match 54 series. They are equipped with half-stocks, a Monte Carlo comb, and sling swivels. They are magazine-fed bolt-action rifles. The 1422St also has a set trigger. The 1422 Classic is similar to the 1422, but could have either a normal trigger or set trigger, and had a straight comb. (It is identical to the 1422 for game purposes.) The 1424 is also identical for game purposes, but uses a Bavarian-style cheekpiece.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 1407 UIT Standard	.22 Long Rifle	4.9 kg	1 Internal	\$438
Anschutz 1407Z	4mm Übungsmunition	4.86 kg	1 Internal	\$436
Anschutz 1408ED	.22 Long Rifle	4.2 kg	1 Internal	\$292
Anschutz 1409	.22 Long Rifle	5.5 kg	1 Internal	\$450
Anschutz 1409Z	4mm Übungsmunition	5.46 kg	1 Internal	\$447
Anschutz 1411	.22 Long Rifle	5.4 kg	1 Internal	\$438
Anschutz 1413	.22 Long Rifle	6.89 kg	1 Internal	\$438
Anschutz 1427 Biathlon	.22 Long Rifle	4.97 kg	5	\$475
Anschutz 1422	.22 Long Rifle	2.99 kg	5	\$293

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 1407 UIT Standard	SS	1	Nil	6	1	Nil	52
Anschutz 1407Z	SS	-2	Nil	6	1	Nil	41
Anschutz 1408ED	SS	1	Nil	6	1	Nil	53
Anschutz 1409	SS	1	Nil	6	1	Nil	54
Anschutz 1409Z	SS	-2	Nil	6	1	Nil	43
Anschutz 1411	SS	1	Nil	6	1	Nil	52
Anschutz 1413	SS	1	Nil	6	1	Nil	54
Anschutz 1427 Biathlon	BA	1	Nil	6	1	Nil	57
Anschutz 1422	BA	1	Nil	5	1	Nil	51

**Anschutz 1900**

Notes: This is an update of the Model 1800 series. They are generally similar to the 1800 series, with the 1903 being the base rifle, with a two-stage trigger, adjustable buttplate, and adjustable cheekpiece. There are, again, several variants, some of which are identical to the base rifle for game purposes: the Models 1907, and 1910. The Model 1911 is a heavy-barreled variant with a stock specifically designed for prone shooting; the Model 1912 Sport Rifle also has a heavy barrel but is also meant for standing shooting, and both are identical for game purposes, as is the Model 1913. The Models 1907Z and 1909Z fire the 4mm Übungsmunition

cartridge.

Twilight 2000 Notes: This weapon does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 1903	.22 Long Rifle	4.9 kg	1 Internal	\$438
Anschutz 1907Z	4mm Übungsmunition	4.86 kg	1 Internal	\$436
Anschutz 1911	.22 Long Rifle	4.93 kg	1 Internal	\$445

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 1903	SS	1	Nil	6	1	Nil	52
Anschutz 1907Z	SS	-2	Nil	6	1	Nil	41
Anschutz 1911	SS	1	Nil	6	1	Nil	53

**Anschutz 2000**

Notes: These target rifles use a new integrated barrel and action assembly. This makes for a more solid rifle, and also allows for a floating barrel. The Model 2007 comes in three butt lengths and is the base rifle; the Model 2007/660 has a 26-inch barrel. The Model 2012 Sport Rifle has a riser block in front of the trigger guard to make a more solid palm rest and provide more weight, and a thumbhole stock, as well as an adjustable cheekpiece. The Model 2013 Super Match is identical to the 2012, but has additional counterweight tracks and a stick adjustable in the butt, cheekpiece, and cant. The Model 2013/690 has an astounding 27.15-inch barrel.

Twilight 2000 Notes: This weapon is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Anschutz 2007	.22 Long Rifle	4.8 kg	1 Internal	\$418
Anschutz 2007/660	.22 Long Rifle	4.9 kg	1 Internal	\$438
Anschutz 2012	.22 Long Rifle	7 kg	1 Internal	\$438
Anschutz 2013/690	.22 Long Rifle	7.06 kg	1 Internal	\$450

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Anschutz 2007	SS	1	Nil	5	1	Nil	48
Anschutz 2007/660	SS	1	Nil	6	1	Nil	52
Anschutz 2012	SS	1	Nil	6	1	Nil	52
Anschutz 2013/690	SS	1	Nil	6	1	Nil	54

**Blaser BL-820**

Notes: This is an old-fashioned rolling-block-type single-shot rifle which was offered between 1982 and 1991. It is a very elegant rifle with decorative artwork on the receiver and well-polished woods.

Weapon	Ammunition	Weight	Magazines	Price
BL-820	5.6x50mm Magnum	2.94 kg	1 Internal	\$311
BL-820	.222 Remington	2.71 kg	1 Internal	\$304
BL-820	.243 Winchester	2.76 kg	1 Internal	\$323
BL-820	6.5mm Mauser	2.86 kg	1 Internal	\$340
BL-820	6.5x68mm RWS	3.02 kg	1 Internal	\$356
BL-820	7mm Mauser	2.99 kg	1 Internal	\$353
BL-820	7mm Weatherby Magnum	3.13 kg	1 Internal	\$366
BL-820	.300 Winchester Magnum	3.65 kg	1 Internal	\$868
BL-820	.30-06 Springfield	3.17 kg	1 Internal	\$382
BL-820	7.62mm NATO	3.06 kg	1 Internal	\$358

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
BL-820 (5.6mm Magnum)	SS	3	1-1-Nil	6	3	Nil	76
BL-820 (.222)	SS	3	1-Nil	6	3	Nil	70
BL-820 (.243)	SS	3	2-Nil	6	4	Nil	66
BL-820 (6.5mm Mauser)	SS	4	2-Nil	6	5	Nil	66
BL-820 (6.5x68mm)	SS	4	1-2-3	6	5	Nil	67
BL-820 (7mm Mauser)	SS	4	2-3-Nil	6	5	Nil	71
BL-820 (7mm Magnum)	SS	4	1-2-3	6	5	Nil	75
BL-820 (.300)	SS	5	2-3-Nil	6	5	Nil	79
BL-820 (.30-06)	SS	4	2-3-Nil	6	5	Nil	69
BL-820 (7.62mm)	SS	4	2-3-Nil	6	5	Nil	79

**Blaser K-77A**

Notes: This is a simple break-open single-barrel rifle built with modern technology, using light alloys and construction that allows the firing of some powerful cartridges, while making fancy locking mechanisms unnecessary. The trigger has a decocker, and the rifle has sling swivels. There is a deluxe model (the Luxusmodell), and a Magnum version.

Weapon	Ammunition	Weight	Magazines	Price
K-77A	.22-250 Remington	2.35 kg	1 Internal	\$306
K-77A	.243 Winchester	2.37 kg	1 Internal	\$319

K-77A	6.5mm Swedish	2.46 kg	1 Internal	\$335
K-77A	.270 Winchester	2.53 kg	1 Internal	\$358
K-77A	.280 Remington	2.6 kg	1 Internal	\$363
K-77A	7mm Mauser	2.49 kg	1 Internal	\$350
K-77A	7x65mmR	2.55 kg	1 Internal	\$358
K-77A	.30-06 Springfield	3.41 kg	1 Internal	\$380
K-77A Magnum	7mm Remington Magnum	3.16 kg	1 Internal	\$362
K-77A Magnum	.300 Winchester Magnum	3.46 kg	1 Internal	\$855
K-77A Magnum	.300 Weatherby Magnum	3.59 kg	1 Internal	\$865

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
K-77A (.22-250)	SS	3	1-Nil	6	4	Nil	63
K-77A (.243)	SS	3	2-Nil	6	4	Nil	64
K-77A (6.5mm)	SS	4	2-Nil	6	5	Nil	66
K-77A (.270)	SS	4	2-3-Nil	6	4	Nil	59
K-77A (.280)	SS	4	2-3-Nil	6	5	Nil	60
K-77A (7mm Mauser)	SS	4	2-3-Nil	6	5	Nil	68
K-77A (7x65mm)	SS	4	2-3-Nil	6	5	Nil	58
K-77A (.30-06)	SS	4	2-3-Nil	6	5	Nil	67
K-77A Magnum (7mm Magnum)	SS	4	1-2-3	6	5	Nil	73
K-77A Magnum (.300 Win Magnum)	SS	5	2-3-Nil	6	5	Nil	76
K-77A Magnum (.300 Whby Magnum)	SS	5	1-2-3	6	5	Nil	70

**Blaser K-95**

Notes: This may be regarded as an updated K-77A, with a new trigger mechanism, new cocking slide, a mount for a telescopic sight, and detail differences; in addition, the entire design is more ergonomic. There are several deluxe versions (the Classic, the Luxusmodell, the Grand Luxe, and the Prestige). No formal difference is made by Blaser between the standard-caliber and magnum-caliber versions (they are both called the K-95), but magnum-caliber models have a longer barrel.

Weapon	Ammunition	Weight	Magazines	Price
K-95	.22 Hornet	2.05 kg	1 Internal	\$297
K-95	.222 Remington	2.19 kg	1 Internal	\$306

K-95	5.6x50mm Magnum	2.33 kg	1 Internal	\$333
K-95	.22 Savage High-Power	2.28 kg	1 Internal	\$337
K-95	.243 Winchester	2.26 kg	1 Internal	\$324
K-95	6.5mm Swedish	2.59 kg	1 Internal	\$355
K-95	6.5x57mm Mauser	2.45 kg	1 Internal	\$343
K-95	6.5x57mm RWS	2.48 kg	1 Internal	\$343
K-95	6.5x68mm RWS	2.64 kg	1 Internal	\$380
K-95	.270 Winchester	3.12 kg	1 Internal	\$364
K-95	7mm Mauser	2.72 kg	1 Internal	\$356
K-95	7x65mmR	2.65 kg	1 Internal	\$363
K-95	7mm Remington Magnum	2.61 kg	1 Internal	\$387
K-95	7.5mm Swiss	2.7 kg	1 Internal	\$370
K-95	.30-06 Springfield	2.71 kg	1 Internal	\$385
K-95	7.62mm NATO	2.57 kg	1 Internal	\$361
K-95	.30 Blaser	3.59 kg	1 Internal	\$936
K-95	.300 Weatherby Magnum	3.66 kg	1 Internal	\$943
K-95	.300 Winchester Magnum	2.97 kg	1 Internal	\$933
K-95	8mm Mauser	2.71 kg	1 Internal	\$384
K-95	8x75mm RS	3.03 kg	1 Internal	\$959
K-95	8x68mm RWS	2.99 kg	1 Internal	\$947
K-95	9.3x74mmR	3.24 kg	1 Internal	\$1008

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
K-95 (.22 Hornet)	SS	3	1-Nil	6	4	Nil	69
K-95 (.222)	SS	3	1-Nil	6	4	Nil	70
K-95 (5.6mm Magnum)	SS	3	1-2-Nil	6	4	Nil	84
K-95 (.22 Savage)	SS	3	1-2-Nil	6	4	Nil	84
K-95 (.243)	SS	3	2-Nil	6	4	Nil	66
K-95 (6.5mm Swedish)	SS	4	2-3-Nil	6	5	Nil	58



K-95 (6.5mm Mauser)	SS	4	2-Nil	6	5	Nil	68
K-95 (6.5x57mm RWS)	SS	4	2-Nil	6	4	Nil	66
K-95 (6.5x68mm RWS)	SS	4	1-2-3	6	5	Nil	75
K-95 (.270)	SS	4	2-3-Nil	6	5	Nil	61
K-95 (7mm Mauser)	SS	4	2-3-Nil	6	5	Nil	71
K-95 (7x65mmR)	SS	4	2-3-Nil	6	6	Nil	60
K-95 (7mm Magnum)	SS	4	1-2-3	6	5	Nil	86
K-95 (7.5mm)	SS	4	2-3-Nil	6	5	Nil	79
K-95 (.30-06)	SS	4	2-3-Nil	6	6	Nil	69
K-95 (7.62mm)	SS	4	2-3-Nil	6	6	Nil	79
K-95 (.30 Blaser)	SS	5	1-2-3	7	4	Nil	87
K-95 (.300 Whby Magnum)	SS	5	1-2-3	7	5	Nil	82
K-95 (.300 Win Magnum)	SS	5	2-3-Nil	7	5	Nil	89
K-95 (8mm Mauser)	SS	4	2-3-Nil	6	6	Nil	80
K-95 (8x75mm RS)	SS	6	1-3-Nil	7	7	Nil	82
K-95 (8x68mm RWS)	SS	6	1-3-Nil	7	7	Nil	92
K-95 (9.3x74mmR)	SS	7	1-3-5	7	7	Nil	94

Erma E-61

Notes: This single-shot rimfire rifle is about as basic as a rifle can get. It is a small rifle set in a hardwood half-stock with a Monte Carlo comb. The metallic parts are largely of stamped steel, but the receiver is grooved for a telescopic sight. The E-62 is a rare variant which is a bolt-action magazine-fed repeater.

Weapon	Ammunition	Weight	Magazines	Price
E-61	.22 Long Rifle	2.2 kg	1 Internal	\$222
E-62	.22 Long Rifle	2.3 kg	5	\$259

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
E-61	SS	1	Nil	5	1	Nil	40
E-62	BA	1	Nil	5	1	Nil	44

Erma EKS-1

Notes: This small-caliber bolt-action rifle is regarded as Erma’s basic bolt-action pattern. It uses a walnut half-stock and simple sights, as well as a simple bolt mechanism. Variants include the EKS-2, firing .22 Extra Long; the EKS-3, an EKS-2 with a tangent-leaf rear sight (identical to the EKS-2 for game purposes); the EKD-3a, a target model of the EKS-2 with a micro-adjustable rear sight (also identical to the EKS-2 for game purposes); the EKM-4, a version of the EKS-2 with a heavy barrel; and the EKDM-4a, with a micro-adjustable rear sight (identical to the EKM-4 for game purposes).

Weapon	Ammunition	Weight	Magazines	Price
EKS-1	.22 Long Rifle	3.2 kg	1 Internal	\$293
EKS-2	.22 Extra Long	3.22 kg	1 Internal	\$294
EKM-4	.22 Extra Long	3.25 kg	1 Internal	\$301

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
EKS-1	SS	1	Nil	6	1	Nil	52
EKS-2	SS	1	Nil	6	1	Nil	60
EKM-4	SS	1	Nil	6	1	Nil	61

Feinwerkbau M-2000

Notes: This is a bolt-action rimfire rifle built by a company known better for its airguns. In the late 1970s, they decided to diversify into small-caliber rifles, producing the Model 2000. The Model 2000 uses a stock designed for one of Feinwerkbau’s airguns (the LG-300S), complete with micro-adjustable sights. The base rifle is known as the ISU Standard; the Junior is a shorter, simpler version of this design. The Model 2000 ISU Universal is similar, but has an adjustable cheekpiece (and is identical for game purposes). The ISU Moving Target model has no iron sights; instead, an optical sight is provided, as well as an adjustable cheekpiece, moveable counterweights, thumbhole stock, and an adjustable buttplate. The Model 2000 Super Match is the fanciest and most elaborate; it has a hooked, adjustable stock, adjustable cheekpiece, optical sight, a thumbhole stock, palm rest on the fore-end, and moveable counterweights. (All these are identical for game purposes.)

Weapon	Ammunition	Weight	Magazines	Price

M-2000 ISU Standard	.22 Long Rifle	4.9 kg	1 Internal	\$292
M-2000 Junior	.22 Long Rifle	4.2 kg	1 Internal	\$248
M-2000 ISU Universal	.22 Long Rifle	5.03 kg	1 Internal	\$448

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-2000 ISU Standard	SS	1	Nil	6	1	Nil	52
M-2000 Junior	SS	1	Nil	5	1	Nil	45
M-2000 ISU Universal	SS	1	Nil	6	1	Nil	54

**Feinwerkbau M-2602**

Notes: This is currently the ultimate Feinwerkbau small-bore rifle, with a deep pistol-grip stock, adjustable cheekpiece and stock, an adjustable match trigger, and an accessory rail under the fore-end for things like counterweights, slings, biathlon harnesses, or palm rests. The normal barrel is a heavy floating type, but an extra heavy barrel can also be gotten. The base M-2602 ISU Universal also has an optical match sight. The M-2602 Super Match has the extra-heavy barrel as standard, and is somewhat heavier due to precision weighting. The M-2602 Sport is a shorter version for junior competitions, but this does not translate to decreased weight; it is, in fact, somewhat heavier.

Weapon	Ammunition	Weight	Magazines	Price
M-2602 ISU Universal (Heavy Barrel)	.22 Long Rifle	4.99 kg	1 Internal	\$451
M-2602 ISU Universal (Extra Heavy Barrel)	.22 Long Rifle	5.31 kg	1 Internal	\$455
M-2602 Super Match	.22 Long Rifle	5.99 kg	1 Internal	\$455
M-2602 Sport (Heavy Barrel)	.22 Long Rifle	5.78 kg	1 Internal	\$451
M-2602 Sport (Extra Heavy Barrel)	.22 Long Rifle	6.1 kg	1 Internal	\$455

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-2602 ISU Universal (Hvy Barrel)	SS	1	Nil	6	1	Nil	54
M-2602 ISU Universal (X-Hvy Barrel)	SS	1	Nil	6	1	Nil	55
M-2602 Super Match	SS	1	Nil	6	1	Nil	55
M-2602 Sport (Hvy Barrel)	SS	1	Nil	6	1	Nil	54
M-2802 Sport (X-Hvy Barrel)	SS	1	Nil	6	1	Nil	55

Heym M-25BS

Notes: This is an over-and under rifle designed to be lightweight. It is constructed with a large amount of aluminum alloys and lightweight woods. It uses Heym's system of safeties designed to ensure that the weapon is not fired or broken open by accident. Double triggers are present and both barrels may be fired at once. The Model 25BS is available in five grades of increasing fanciness, ranging from Standard to Exclusiv.

Weapon	Ammunition	Weight	Magazines	Price
M-25BS	.22 Hornet	2.35 kg	2 Internal	\$574
M-25BS	.222 Remington	2.44 kg	2 Internal	\$591
M-25BS	.222 Remington Magnum	2.46 kg	2 Internal	\$599
M-25BS	.22-250 Remington	2.43 kg	2 Internal	\$602
M-25BS	5.56mm NATO	2.39 kg	2 Internal	\$594
M-25BS	5.6x50mm Magnum	2.43 kg	2 Internal	\$605
M-25BS	.22 Savage High-Power	2.45 kg	2 Internal	\$613
M-25BS	6mm Freres	2.8 kg	2 Internal	\$652
M-25BS	.243 Winchester	2.46 kg	2 Internal	\$628
M-25BS	6.5mm Swedish	2.71 kg	2 Internal	\$660
M-25BS	6.5x57mm Mauser	2.75 kg	2 Internal	\$665
M-25BS	6.5x65mm RWS	2.96 kg	2 Internal	\$690
M-25BS	7mm Mauser	2.97 kg	2 Internal	\$692
M-25BS	7x65mmR	2.99 kg	2 Internal	\$706
M-25BS	.30 Blaser	4.01 kg	2 Internal	\$1729
M-25BS	.30-06 Springfield	3.12 kg	2 Internal	\$750
M-25BS	7.62mm NATO	2.92 kg	2 Internal	\$702
M-25BS	8mm Mauser	3.12 kg	2 Internal	\$748

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-25BS (.22 Hornet)	SA	3	1-Nil	6	4	Nil	69
M-25BS (.222 Remington)	SA	3	1-Nil	6	4	Nil	70
M-25BS (.222 Magnum)	SA	3	1-1-Nil	6	4	Nil	80
M-25BS (.22-250)	SA	3	1-Nil	6	4	Nil	65
M-25BS (5.56mm)	SA	3	1-Nil	6	4	Nil	68

M-25BS (5.6mm Magnum)	SA	3	1-1-Nil	6	4	Nil	76
M-25BS (.22 Savage)	SA	3	1-2-Nil	6	4	Nil	74
M-25BS (6mm)	SA	3	1-2-Nil	6	5	Nil	67
M-25BS (.243)	SA	3	2-Nil	6	4	Nil	66
M-25BS (6.5mm Swedish)	SA	4	2-Nil	6	5	Nil	68
M-25BS (6.5mm Mauser)	SA	4	2-Nil	6	5	Nil	66
M-25BS (6.5mm RWS)	SA	4	1-2-3	6	5	Nil	69
M-25BS (7mm Mauser)	SA	4	2-3-Nil	6	5	Nil	71
M-25BS (7x65mmR)	SA	4	1-2-3	6	5	Nil	72
M-25BS (.30 Blaser)	SA	5	1-2-3	6	4	Nil	77
M-25BS (.30-06)	SA	4	2-3-Nil	6	5	Nil	69
M-25BS (7.62mm)	SA	4	2-3-Nil	6	5	Nil	79
M-25BS (8mm)	SA	4	2-3-Nil	6	5	Nil	80

Heym M-44B

Notes: This single-shot break-open rifle has a heavy octagonal barrel. It uses a boxlock action, and several safeties prevent the gun from firing accidentally. The rifle's stock is made form rosewood, and uses a hog's back comb and a Bavarian-style cheekpiece. The butt has a rubber recoil pad. The top of the weapon has a built-in base for telescopic sights. The side plates are normally decorated with a pattern known as "Best Bouquet," but virtually any sort of pattern can be ordered by the buyer.

Weapon	Ammunition	Weight	Magazines	Price
M-44B	.22 Hornet	2.48 kg	1 Internal	\$372
M-44B	.222 Remington	2.69 kg	1 Internal	\$381
M-44B	.222 Remington Magnum	2.72 kg	1 Internal	\$385
M-44B	5.6x50mm Magnum	2.74 kg	1 Internal	\$388
M-44B	.22 Savage High-Power	2.77 kg	1 Internal	\$392
M-44B	5.6mm RWS	2.79 kg	1 Internal	\$395
M-44B	5.56mm NATO	2.69 kg	1 Internal	\$382
M-44B	6mm Freres	2.92 kg	1 Internal	\$411
M-44B	.243 Winchester	2.83 kg	1 Internal	\$399
M-44B	6.5mm Swedish	2.95 kg	1 Internal	\$415
M-44B	6.5x57mm Mauser	2.97 kg	1 Internal	\$418

M-44B	6.5x65mm RWS	3.06 kg	1 Internal	\$430
M-44B	.270 Winchester	3.12 kg	1 Internal	\$439
M-44B	7mm Mauser	3.07 kg	1 Internal	\$431
M-44B	7x65mmR	3.12 kg	1 Internal	\$438
M-44B	.30 Blaser	3.58 kg	1 Internal	\$950
M-44B	.30-06 Springfield	3.31 kg	1 Internal	\$460
M-44B	7.62mm NATO	3.15 kg	1 Internal	\$436
M-44B	8mm Mauser	3.31 kg	1 Internal	\$459
M-44B	8x75mm RS	3.77 kg	1 Internal	\$973
M-44B	9.3x74Rmm	4.06 kg	1 Internal	\$1022
M-44B	10.3mm Swiss	4.11 kg	1 Internal	\$1030

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-44B (.22 Hornet)	SS	3	1-Nil	6	3	Nil	69
M-44B (.222 Remington)	SS	3	1-Nil	6	3	Nil	70
M-44B (.222 Magnum)	SS	3	1-1-Nil	6	3	Nil	80
M-44B (5.6mm Magnum)	SS	3	1-1-Nil	6	3	Nil	76
M-44B (.22 Savage)	SS	3	1-2-Nil	6	3	Nil	74
M-44B (5.6mm RWS)	SS	3	2-Nil	6	3	Nil	56
M-44B (5.56mm)	SS	3	1-Nil	6	3	Nil	68
M-44B (6mm Freres)	SS	3	1-2-Nil	6	4	Nil	67
M-44B (.243)	SS	3	2-Nil	6	3	Nil	66
M-44B (6.5mm Swedish)	SS	4	2-Nil	6	4	Nil	68
M-44B (6.5mm Mauser)	SS	4	2-Nil	6	4	Nil	66
M-44B (6.5mm RWS)	SS	4	1-2-3	6	4	Nil	69
M-44B (.270)	SS	4	2-3-Nil	6	4	Nil	61
M-44B (7mm Mauser)	SS	4	2-3-Nil	6	4	Nil	71
M-44B (7x65mmR)	SS	4	1-2-3	6	4	Nil	72
M-44B (.30 Blaser)	SS	5	1-2-3	6	4	Nil	77



M-44B (.30-06)	SS	4	2-3-Nil	6	4	Nil	69
M-44B (7.62mm)	SS	4	2-3-Nil	6	4	Nil	79
M-44B (8mm Mauser)	SS	4	2-3-Nil	6	4	Nil	80
M-44B (8x75mm RS)	SS	5	1-3-Nil	6	5	Nil	72
M-44B (9.3mm)	SS	6	1-3-Nil	7	5	Nil	83
M-44B (10.3mm)	SS	6	2-4-Nil	7	5	Nil	80

Heym M-55B

Notes: This is a beautiful over-and-under double rifle with a boxlock action. It uses a well-finished walnut stock, and has a Bavarian-style cheekpiece and hog's back comb. The side plates have artwork as usual, but the extent and design various with the buyer.

Weapon	Ammunition	Weight	Magazines	Price
M-55B	7x65mmR	3.6 kg	2 Internal	\$729
M-55B	.270 Winchester	3.6 kg	2 Internal	\$729
M-55B	.30-06 Springfield	3.81 kg	2 Internal	\$771
M-55B	7.62mm NATO	3.59 kg	2 Internal	\$725
M-55B	.300 Winchester Magnum	4.21 kg	2 Internal	\$1800
M-55B	8mm Mauser	3.87 kg	2 Internal	\$769
M-55B	8x75mm RS	4.49 kg	2 Internal	\$1851
M-55B	9.3x74mmR	4.89 kg	2 Internal	\$1946
M-55B	9.3x75mm RS	4.9 kg	2 Internal	\$1949
M-55B	.375 H&H Magnum	4.93 kg	2 Internal	\$1958
M-55B	10.3mm Swiss	4.95 kg	2 Internal	\$1963
M-55B	.416 Rigby	5.33 kg	2 Internal	\$2062
M-55B	.458 Winchester Magnum	5.41 kg	2 Internal	\$2084
M-55B	.470 Nitro Express	6.46 kg	2 Internal	\$2381

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-55B (7x65mm)	SA	4	1-2-3	6	4	Nil	79
M-55B (.270)	SA	4	2-3-Nil	6	4	Nil	66
M-55B (.30-06)	SA	4	2-3-Nil	6	5	Nil	75
M-55B (7.62mm)	SA	4	2-3-Nil	6	5	Nil	86

M-55B (.300)	SA	5	2-3-Nil	6	4	Nil	86
M-55B (8mm Mauser)	SA	4	2-3-Nil	6	5	Nil	87
M-55B (8x75mm)	SA	6	1-3-Nil	7	5	Nil	79
M-55B (9.3x74mm)	SA	6	1-3-Nil	7	5	Nil	91
M-55B (9.3x75mm)	SA	6	1-3-Nil	7	5	Nil	91
M-55B (.375)	SA	7	1-3-5	7	5	Nil	96
M-55B (10.3mm)	SA	6	2-4-Nil	7	6	Nil	87
M-55B (.416)	SA	7	1-3-5	7	6	Nil	104
M-55B (.458)	SA	8	1-3-5	7	6	Nil	104
M-55B (.470)	SA	9	1-2-3	7	7	Nil	104

Heym M-80B

Notes: This is a side-by-side double rifle built using a narrow action to reduce size. Three trigger options are available – a traditional double trigger (enabling both barrels to be fired at once), a single trigger (where both barrels *must* be fired at once), and a single trigger that uses a cocking lever that fires one barrel at a time.

Weapon	Ammunition	Weight	Magazines	Price
M-80B	7x65mmR	3.07 kg	2 Internal	\$700
M-80B	.30 Blaser	3.52 kg	2 Internal	\$1721
M-80B	.30-06 Springfield	3.2 kg	2 Internal	\$743
M-80B	8mm Mauser	3.25 kg	2 Internal	\$741
M-80B	8x75mm RS	3.77 kg	2 Internal	\$1766
M-80B	9.3x74mmR	4.12 kg	2 Internal	\$1861
M-80B	.375 H&H Magnum	4.16 kg	2 Internal	\$1872
M-80B	10.3mm Swiss	4.18 kg	2 Internal	\$1878

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-80B (7x65mm)	SA	4	1-2-3	6	5	Nil	62
M-80B (.30 Blaser)	SA	5	1-2-3	6	5	Nil	77
M-80B (.30-06)	SA	4	2-3-Nil	6	5	Nil	69
M-80B (8mm Mauser)	SA	4	2-3-Nil	6	5	Nil	80
M-80B (8x75mm)	SA	6	1-3-Nil	6	6	Nil	72

M-80B (9.3mm)	SA	6	1-3-Nil	7	6	Nil	83
M-80B (.375)	SA	7	1-3-5	7	6	Nil	88
M-80B (10.3mm)	SA	6	2-4-Nil	7	6	Nil	80

Heym M-86B

Notes: The M-86B is a classic side-by side double rifle. Each chamber has its own safety catch, and each has a chamber-loaded indicator. The Model 86B can be had without automatic ejectors, with automatic ejectors, or with selective ejectors (where only spent shells are automatically ejected). The M-86B is well liked by collectors for a simple reason – the large side plates allow for a great deal of fancy artwork. The M-88 Safari is simply a version firing large cartridges.

Weapon	Ammunition	Weight	Magazines	Price
M-86B	7.65mmR	2.93 kg	2 Internal	\$729
M-86B	.30 Blaser	3.36 kg	2 Internal	\$1806
M-86B	.30-06 Springfield	3.05 kg	2 Internal	\$771
M-86B	8mm Mauser	3.04 kg	2 Internal	\$769
M-86B	8x75mm RS	3.46 kg	2 Internal	\$1851
M-86B	9.3x74mmR	3.75 kg	2 Internal	\$1946
M-86B/M-86 Safari	.375 H&H Magnum	4.05 kg	2 Internal	\$1958
M-86 Safari	.458 Winchester Magnum	4.45 kg	2 Internal	\$2084
M-86 Safari	.470 Nitro Express	5.08 kg	2 Internal	\$2300
M-86 Safari	.500 Nitro Express	5.21 kg	2 Internal	\$2349
M-86 Safari	.600 Nitro Express	6.18 kg	2 Internal	\$2732

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-86B (7x65mm)	SA	4	1-2-3	6	5	Nil	79
M-86B (.30 Blaser)	SA	5	1-2-3	6	5	Nil	84
M-86B (.30-06)	SA	4	2-3-Nil	6	5	Nil	75
M-86B (8mm Mauser)	SA	4	2-3-Nil	6	5	Nil	87
M-86B (8x75mm)	SA	6	1-3-Nil	7	6	Nil	79
M-86B (9.3mm)	SA	6	1-3-Nil	7	6	Nil	91
M-86B/M-86 Safari (.375)	SA	7	1-3-5	7	6	Nil	96
M-86 Safari (.458)	SA	8	1-3-5	7	6	Nil	104

M-86 Safari (.470)	SA	8	1-2-3	7	7	Nil	104
M-86 Safari (.500)	SA	9	1-2-3	7	7	Nil	104
M-86 Safari (.600)	SA	10	1-2-3	8	7	Nil	104

Heym M-88

Notes: There are two main variants of the M-88 – the M-88B, which mostly fires medium-power cartridges, and the M-88B Safari, which primarily fires powerful magnum-type rounds. Both are side-by-side double-barreled rifles, with an Anson-type box lock with reinforcing bars, and a Greener-type bolt with double-barrel block locking. Most of these rifles were made with automatic shell ejectors, though some were made with the ability to disengage the shell ejectors with a switch. The M-88 has double triggers, with the front trigger having a preset. The rifles use an adjustable leaf sight in the rear; this sight is on a rib which is also drilled and tapped for a telescopic sight. The stock is of the Monte Carlo type and made from walnut.

The M-88B, as stated before, is made primarily for medium-power cartridges, though it is also chambered for some medium-caliber magnum rounds. Barrels are made from standard chrome-moly steel, but the breech cblock is made from a special chrome-moly steel called 25CrMo4, which has a very small carbon content and a high chrome content, and is very resistant to corrosion and is very strong. A variant of the M-88B is the M-88B-SS, which is equipped with side locks for added strength. It is identical to the M-88B for game purposes.

The M-88B Safari – well, it a work of art in addition to being a powerful double rifle. The side plates are very intricately engraved, with several variants of this artwork: the Big Five No. 1, with elephants engraved by the David Miller Company depicted on the side plates; the Big Five No. 2, with Rhinos engraved by Champlain Arms depicted; the Big Five No. 3, with engravings of African buffalo created by Erich Boessler; the Big Five No. 4, with lions engraved by Paul Jaeger Company; and the Big Five No. 5, with leopards created by the David Miller Company. The stocks and fore-ends are made from select walnut made from trees at least 400 years in age. The butt has a thick rubber recoil pad. Needless to say, these are extremely rare weapons, in real world prices, one could probably buy a good-quality Ferrari for the price of one of these rifles.

Twilight 2000 Notes: M-88Bs in .30 Blaser, 7.62mm NATO, 7x64mm Brenneke, 8x75mmRS, and .375 Flanged Nitro Express do not exist in the Twilight 2000 timeline. In addition, M-88B Safaris in .300 Winchester Magnum, .375 Flanged Nitro Express, .416 Rigby, .450 Nitro Express, .500/416 Nitro Express, .577 Nitro Express, and .600 Nitro Express also do not exist in the Twilight 2000 World.

Weapon	Ammunition	Weight	Magazines	Price
M-88B	7x64mm Brenneke	3.6 kg	2 Internal	\$737
M-88B	.30 Blaser	4.17 kg	2 Internal	\$1806
M-88B	7.62mm NATO	3.62 kg	2 Internal	\$725
M-88B	.30-06 Springfield	3.86 kg	2 Internal	\$771
M-88B	8mm Mauser	3.85 kg	2 Internal	\$769
M-88B	8x75mmRS	4.47 kg	2 Internal	\$1852
M-88B	9.3x74mmR	4.87 kg	2 Internal	\$1946
M-88B	.375 Flanged Nitro Express	4.72 kg	2 Internal	\$1907
M-88B	.375 H&H Magnum	4.92 kg	2 Internal	\$1958
M-88B Safari	.300 Winchester Magnum	4.5 kg	2 Internal	\$1814
M-88B Safari	.375 Flanged Nitro Express	5 kg	2 Internal	\$1921
M-88B Safari	.375 H&H Magnum	5.21 kg	2 Internal	\$1972

M-88B Safari	.416 Rigby	5.63 kg	2 Internal	\$2076
M-88B Safari	.450 Nitro Express	6.53 kg	2 Internal	\$2314
M-88B Safari	.458 Winchester Magnum	5.81 kg	2 Internal	\$2098
M-88B Safari	.470 Nitro Express	6.63 kg	2 Internal	\$2314
M-88B Safari	.500/416 Nitro Express	5.89 kg	2 Internal	\$2093
M-88B Safari	.500 Nitro Express	6.92 kg	2 Internal	\$2361
M-88B Safari	.577 Nitro Express	7.76 kg	2 Internal	\$2612
M-88B Safari	.600 Nitro Express	8.17 kg	2 Internal	\$2746

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-88B (7x64mm)	SA	4	1-2-3	6	5	Nil	83
M-88B (.30 Blaser)	SA	5	1-2-3	6	4	Nil	84
M-88B (7.62mm)	SA	4	2-3-Nil	6	5	Nil	86
M-88B (.30-06)	SA	4	2-3-Nil	6	5	Nil	75
M-88B (8mm Mauser)	SA	4	2-3-Nil	6	5	Nil	87
M-88B (8x75mm)	SA	6	1-3-Nil	7	5	Nil	79
M-88B (9.3x74mm)	SA	6	1-3-Nil	7	5	Nil	91
M-88B (.375 Nitro Express)	SA	6	1-3-Nil	7	6	Nil	104
M-88B (.375 H&H)	SA	7	1-3-5	7	6	Nil	96
M-88B Safari (.300)	SA	5	2-3-Nil	6	4	Nil	81
M-88B Safari (.375 Nitro Express)	SA	6	1-3-Nil	7	5	Nil	98
M-88B Safari (.375 H&H)	SA	7	1-3-5	7	5	Nil	90
M-88B Safari (.416)	SA	7	1-3-5	7	5	Nil	98
M-88B Safari (.450)	SA	8	1-2-3	7	6	Nil	88
M-88B Safari (.458)	SA	8	1-3-5	7	5	Nil	98
M-88B Safari (.470)	SA	8	1-2-3	7	6	Nil	97
M-88B Safari (.500/416)	SA	7	1-3-5	7	5	Nil	95
M-88B Safari (.500)	SA	9	1-2-3	7	6	Nil	98
M-88B Safari (.577)	SA	10	1-2-3	7	6	Nil	98

M-88B Safari (.600)	SA	10	1-2-3	8	6	Nil	98
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Heym M-550 Combi

Notes: This is a double rifle first announced in 1997. It is a part of Heym’s entry into the "off-the-rack" market. The Combi is a standard, if very well-made, double rifle, firing a large cartridge. The trigger guard doubles as the break-open lever, and two safeties prevent this from happening by accident as well as being traditional safeties. The Combi may be a standard M-550, which has the same caliber on the top and bottom barrels, or an M-550BS Combi, which has a large-caliber top barrel and a small-caliber bottom barrel.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
M-550	9.3x74mmR	3.49 kg	2 Internal	\$1861
M-550BS	9.3x74mmR + .22 Savage High-Power	2.89 kg	2 Internal	\$1475
M-550BS	9.3x74mmR + .22 Hornet	2.94 kg	2 Internal	\$1456

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-550 (9.3mm Barrel)	SA	5	2-4-Nil	7	6	Nil	69
M-550 (.22 Savage Barrel)	SA	3	1-2-Nil	7	3	Nil	74
M-550 (.22 Hornet Barrel)	SA	3	1-Nil	7	3	Nil	70



Kreighoff Classic Double Rifle

Notes: This is a compact side-by-side double rifle with a few novel features. The rifle has a feature to ensure that the hammers cannot fall unless the weapon is closed and locked. The barrels have a detachable wedge that allows the firer to regulate exactly where the bullets will fall in relation to one another when both barrels are fired at once. The rifle may have folding leaf sights or Express sights. Artwork on the side plates, considered optional in Europe, is standard on Classic Double Rifles sold in North America. The Classic Big Five is a variant for shooting large-caliber magnum cartridges; it has a proprietary recoil reducer in the butt.

Weapon	Ammunition	Weight	Magazines	Price
Classic Standard Double Rifle	7x65mmR	2.71 kg	2 Internal	\$698
Classic Standard Double Rifle	.30 Blaser	3.1 kg	2 Internal	\$1715
Classic Standard Double Rifle	.30-06 Springfield	2.82 kg	2 Internal	\$741
Classic Standard Double Rifle	7.62mm NATO	2.64 kg	2 Internal	\$694
Classic Standard Double Rifle	8mm JRS	2.8 kg	2 Internal	\$738
Classic Standard Double Rifle	8x75mm RS	3.18 kg	2 Internal	\$1759
Classic Standard Double Rifle	9.3x74mmR	3.45 kg	2 Internal	\$1855
Classic Big Five Double Rifle	.375 H&H Magnum	4.31 kg	2 Internal	\$1866
Classic Big Five Double Rifle	.375 Flanged Nitro Express	4.14 kg	2 Internal	\$1815
Classic Big Five Double Rifle	.416 Rigby	4.7 kg	2 Internal	\$1970
Classic Big Five Double Rifle	.458 Winchester Magnum	4.77 kg	2 Internal	\$1993
Classic Big Five Double Rifle	.470 Nitro Express	5.45 kg	2 Internal	\$2209
Classic Big Five Double Rifle	.500 Nitro Express	5.58 kg	2 Internal	\$2256
Classic Big Five Double Rifle	.500/416 Nitro Express	4.84 kg	2 Internal	\$1988

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Classic Standard Double Rifle (7x65mm)	SA	4	2-3-Nil	6	5	Nil	60
Classic Standard Double Rifle (.30)	SA	5	1-2-3	6	5	Nil	77
Classic Standard Double Rifle (.30-06)	SA	4	2-3-Nil	6	5	Nil	69
Classic Standard Double Rifle (7.62mm)	SA	4	2-3-Nil	6	5	Nil	79
Classic Standard Double Rifle (8mm JRS)	SA	4	2-3-Nil	6	5	Nil	79
Classic Standard Double Rifle (8mm RS)	SA	6	1-3-Nil	6	6	Nil	72
Classic Standard Double Rifle (9.3mm)	SA	6	1-3-Nil	6	6	Nil	83
Classic Big Five Double Rifle (.375 H&H)	SA	7	1-3-5	7	6	Nil	87

Classic Big Five Double Rifle (.375 Flanged)	SA	6	1-3-Nil	6	6	Nil	95
Classic Big Five Double Rifle (.416)	SA	7	1-3-5	7	6	Nil	95
Classic Big Five Double Rifle (.458)	SA	7	1-3-5	7	6	Nil	95
Classic Big Five Double Rifle (.470)	SA	8	1-2-3	7	7	Nil	94
Classic Big Five Double Rifle (.500)	SA	9	1-2-3	7	7	Nil	95
Classic Big Five Double Rifle (.500/416)	SA	7	1-3-5	7	6	Nil	92

Krieghoff Hubertus

Notes: This is a single-barreled hunting rifle precision shots and named for the patron saint of hunting, Saint Hubert. The Hubertus is known for its nearly noiseless bolt action, and the Hubertus can be made ready to fire even faster by pressing the cocking slider while opening the breech (though this is considerably noisier). The trigger is adjustable between 1 kilogram and 1.5 kilograms, but also has a preset which lowers the trigger pressure considerably. The Hubertus is made with a nickel steel breech and action or with an action and breech made from the light alloy Dural (which is 0.33 kg lighter, but otherwise identical for game purposes). The difference between these two versions is primarily in the weight of the rifle and does not influence the shooting of the weapon (in game terms). The Hubertus is made with two barrel lengths, both of which are drilled and tapped for a scope mount, and both of which have iron sights. Most calibers are still being made, but in 1996 the following calibers were deleted: 6.5mm Swedish, 6.5x57mm Mauser, 7mm Mauser, and 7x64mm Brenneke. In 1998, the Hubertus Magnum was also deleted, along with the following chamberings: .270 Weatherby Magnum, 7mm Remington Magnum, and .300 Winchester Magnum. Other versions include the Hubertus S, a deluxe version with engraved side plates for its box lock (identical to the standard model for game purposes); and the Hubertus Exclusive, with a heavy octagonal barrel and with restricted chamberings.

Twilight 2000 Notes: The Hubertus is an extremely rare rifle, but the chamberings which were later deleted were not within the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Hubertus (23.625" Barrel)	.222 Remington	2.5 kg	1 Internal	\$524
Hubertus (23.625" Barrel)	.22-250 Remington	2.55 kg	1 Internal	\$557
Hubertus (23.625" Barrel)	5.6x50mm Magnum	2.56 kg	1 Internal	\$566
Hubertus (23.625" Barrel)	.22 Savage High-Power	2.59 kg	1 Internal	\$590
Hubertus (23.625" Barrel)	6x70mmRmm	2.8 kg	1 Internal	\$735
Hubertus (23.625" Barrel)	.243 Winchester	2.66 kg	1 Internal	\$634
Hubertus (23.625" Barrel)	6mm Freres	2.75 kg	1 Internal	\$702
Hubertus (23.625" Barrel)	6.5mm Swedish	2.78 kg	1 Internal	\$726
Hubertus (23.625" Barrel)	.270 Winchester	2.96 kg	1 Internal	\$863
Hubertus (23.625" Barrel)	6.5x57mm Mauser	2.78 kg	1 Internal	\$741
Hubertus (23.625" Barrel)	7mm Mauser	2.88 kg	1 Internal	\$818
Hubertus (23.625" Barrel)	7x66mm Vom Hofe	2.99 kg	1 Internal	\$903
Hubertus (23.625" Barrel)	7.62mm NATO	2.92 kg	1 Internal	\$849

Hubertus (23.625" Barrel)	.30-06 Springfield	3.1 kg	1 Internal	\$989
Hubertus (23.625" Barrel)	.30 Blaser	3.38 kg	1 Internal	\$1525
Hubertus (23.625" Barrel)	8mm JRS	3.11 kg	1 Internal	\$982
Hubertus (23.625" Barrel)	8x75mm RS	3.56 kg	1 Internal	\$1660
Hubertus (23.625" Barrel)	9.3x74Rmm	3.87 kg	1 Internal	\$1946
Hubertus (21.5" Barrel)	.222 Remington	2.4 kg	1 Internal	\$502
Hubertus (21.5" Barrel)	.22-250 Remington	2.45 kg	1 Internal	\$535
Hubertus (21.5" Barrel)	5.6x50mm Magnum	2.46 kg	1 Internal	\$544
Hubertus (21.5" Barrel)	.22 Savage High-Power	2.49 kg	1 Internal	\$568
Hubertus (21.5" Barrel)	6x70Rmm	2.69 kg	1 Internal	\$714
Hubertus (21.5" Barrel)	.243 Winchester	2.55 kg	1 Internal	\$613
Hubertus (21.5" Barrel)	6mm Freres	2.64 kg	1 Internal	\$680
Hubertus (21.5" Barrel)	6.5mm Swedish	2.67 kg	1 Internal	\$705
Hubertus (21.5" Barrel)	.270 Winchester	2.84 kg	1 Internal	\$842
Hubertus (21.5" Barrel)	6.5x57mm Mauser	2.67 kg	1 Internal	\$720
Hubertus (21.5" Barrel)	7mm Mauser	2.76 kg	1 Internal	\$797
Hubertus (21.5" Barrel)	7x66mm Vom Hofe	2.87 kg	1 Internal	\$881
Hubertus (21.5" Barrel)	7.62mm NATO	2.8 kg	1 Internal	\$828
Hubertus (21.5" Barrel)	.30-06 Springfield	2.98 kg	1 Internal	\$967
Hubertus (21.5" Barrel)	.30 Blaser	3.24 kg	1 Internal	\$1460
Hubertus (21.5" Barrel)	8mm JRS	2.99 kg	1 Internal	\$960
Hubertus (21.5" Barrel)	8x75mm RS	3.42 kg	1 Internal	\$1595
Hubertus (21.5" Barrel)	9.3x74Rmm	3.72 kg	1 Internal	\$1881
Hubertus Magnum	.270 Weatherby Magnum	3.01 kg	1 Internal	\$866
Hubertus Magnum	7mm Remington Magnum	3.03 kg	1 Internal	\$883
Hubertus Magnum	.300 Winchester Magnum	3.44 kg	1 Internal	\$1508
Hubertus Exclusive	6.5x57mm Mauser	2.6 kg	1 Internal	\$747
Hubertus Exclusive	6.5x65mm RWS	2.69 kg	1 Internal	\$818
Hubertus Exclusive	7mm Mauser	2.7 kg	1 Internal	\$824

Hubertus Exclusive	7mm Weatherby Magnum		2.79 kg	1 Internal	\$901		
Hubertus Exclusive	7.62mm NATO		2.74 kg	1 Internal	\$855		
Hubertus Exclusive	.30-06 Springfield		2.9 kg	1 Internal	\$995		
Hubertus Exclusive	.30 Blaser		3.17 kg	1 Internal	\$1543		
Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Hubertus (23.625", .222)	SS	3	1-Nil	6	4	Nil	77
Hubertus (23.625", .22-250)	SS	3	1-Nil	6	4	Nil	72
Hubertus (23.625", 5.6x50mm)	SS	3	1-1-Nil	6	4	Nil	83
Hubertus (23.625", .22 Savage)	SS	3	1-2-Nil	6	4	Nil	82
Hubertus (23.625", 6x70Rmm)	SS	3	1-2-Nil	6	5	Nil	63
Hubertus (23.625", .243)	SS	3	2-Nil	6	4	Nil	73
Hubertus (23.625", 6mm Freres)	SS	3	1-2-Nil	6	5	Nil	74
Hubertus (23.625", 6.5mm Swedish)	SS	4	2-Nil	6	5	Nil	75
Hubertus (23.625", .270)	SS	4	2-3-Nil	6	5	Nil	67
Hubertus (23.625", 6.5x57mm)	SS	4	2-Nil	6	5	Nil	73
Hubertus (23.625", 7mm Mauser)	SS	4	2-3-Nil	6	5	Nil	78
Hubertus (23.625", 7mm Vom Hofe)	SS	4	1-2-3	6	5	Nil	81
Hubertus (23.625", 7.62mm)	SS	4	2-3-Nil	6	5	Nil	87
Hubertus (23.625", .30-06)	SS	4	2-3-Nil	6	5	Nil	76
Hubertus (23.625", .30 Blaser)	SS	5	1-2-3	6	5	Nil	85
Hubertus (23.625", 8mm JRS)	SS	4	2-3-Nil	6	5	Nil	88
Hubertus (23.625", 8x75mm RS)	SS	6	1-3-Nil	6	6	Nil	80
Hubertus (23.625", 9.3x74Rmm)	SS	6	1-3-Nil	7	6	Nil	92
Hubertus (21.5", .222)	SS	3	1-Nil	5	4	Nil	70
Hubertus (21.5", .22-250)	SS	3	1-Nil	5	4	Nil	62
Hubertus (21.5", 5.6x50mm)	SS	3	1-1-Nil	5	4	Nil	73
Hubertus (21.5", .22 Savage)	SS	3	1-2-Nil	6	4	Nil	71
Hubertus (21.5", 6x70Rmm)	SS	3	1-2-Nil	6	5	Nil	55

Hubertus (21.5", .243)	SS	3	2-Nil	6	4	Nil	53
Hubertus (21.5", 6mm Freres)	SS	3	2-Nil	6	5	Nil	64
Hubertus (21.5", 6.5mm Swedish)	SS	4	2-Nil	6	5	Nil	65
Hubertus (21.5", .270)	SS	4	2-3-Nil	6	5	Nil	58
Hubertus (21.5", 6.5x57mm)	SS	4	2-Nil	6	5	Nil	63
Hubertus (21.5", 7mm Mauser)	SS	4	2-3-Nil	6	5	Nil	68
Hubertus (21.5", 7mm Vom Hofe)	SS	4	1-2-3	6	5	Nil	70
Hubertus (21.5", 7.62mm)	SS	4	2-3-Nil	6	5	Nil	76
Hubertus (21.5", .30-06)	SS	4	2-3-Nil	6	5	Nil	66
Hubertus (21.5", .30 Blaser)	SS	5	1-2-3	6	5	Nil	73
Hubertus (21.5", 8mm JRS)	SS	4	2-3-Nil	6	5	Nil	76
Hubertus (21.5", 8x75mm RS)	SS	6	1-2-3	6	5	Nil	69
Hubertus (21.5", 9.3x74Rmm)	SS	6	1-3-Nil	6	6	Nil	79
Hubertus Magnum (.270 Weatherby)	SS	4	1-2-3	6	5	Nil	80
Hubertus Magnum (7mm Magnum)	SS	4	1-2-3	6	5	Nil	84
Hubertus Magnum (.300)	SS	5	2-3-Nil	6	5	Nil	87
Hubertus Exclusive (6.5x57mm Mauser)	SS	4	2-Nil	6	5	Nil	75
Hubertus Exclusive (6.5x65mm RWS)	SS	4	1-2-3	6	5	Nil	79
Hubertus Exclusive (7mm Mauser)	SS	4	2-3-Nil	6	5	Nil	81
Hubertus Exclusive (7mm Whby Magnum)	SS	4	1-2-3	6	5	Nil	85
Hubertus Exclusive (7.62mm)	SS	4	2-3-Nil	6	5	Nil	91
Hubertus Exclusive (.30-06)	SS	4	2-3-Nil	6	5	Nil	79
Hubertus Exclusive (.30 Blaser)	SS	5	1-2-3	6	5	Nil	88

Kriegoff Teck Double Rifle

Notes: This is an over-and-under double rifle with a boxlock action and chambered for medium and heavy cartridges. The Teck can be had as a self-cocker or a manual cocker, with double or a single trigger, and firing both barrels at once or one barrel at a time only. Even a double set trigger setup can be had.

Weapon	Ammunition	Weight	Magazines	Price
Teck	7x65mmR	3.33 kg	2 Internal	\$729
Teck	.30 Blaser	3.9 kg	2 Internal	\$1806

Teck	.30-06 Springfield	3.57 kg	2 Internal	\$771			
Teck	7.62mm NATO	3.36 kg	2 Internal	\$725			
Teck	8mm JRS	3.57 kg	2 Internal	\$769			
Teck	8x75mm RS	4.14 kg	2 Internal	\$1851			
Teck	9.3x74mmR	4.51 kg	2 Internal	\$1946			
Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Teck (7x65mm)	SA	4	2-3-Nil	6	5	Nil	66
Teck (.30 Blaser)	SA	5	1-2-3	6	5	Nil	84
Teck (.30-06)	SA	4	2-3-Nil	6	5	Nil	75
Teck (7.62mm)	SA	4	2-3-Nil	6	5	Nil	86
Teck (8mm JRS)	SA	4	2-3-Nil	6	5	Nil	87
Teck (8x75mm RS)	SA	6	1-3-Nil	7	6	Nil	79
Teck (9.3mm)	SA	6	1-3-Nil	7	6	Nil	91



Merkel 160

Notes: Introduced in 1993 to replace the Models 140 and 150, the Model 160 was designed to be a basic double rifle which would be within the financial reach of nearly every hunter. Unfortunately, like virtually all Merkel firearms, the Merkel 160 is as much a work of art as it is a functional firearm, and therefore, the real-life price is still rather high. The Model 160 is a side-by-side double-barreled rifle with Holland & Holland box locks and side plates ranging from plain to high decorated and intricately engraved, and inlaid with gold. Between the barrels is a heavy barrel rib where the sights are mounted, and is also drilled and tapped for a telescopic sight. It has an automatic safety which operates when the rifle is breached, as well as a sliding manual safety on the neck of the rifle. The Model 160 has a double trigger, or a single trigger with a barrel selector. (For trivia's sake, the Model 140 has an Anson & Deeley box lock, while the Model 150 has an Anson & Deeley box lock with decorated side plates. They are both identical to the Model 160 for game purposes.)

Weapon	Ammunition	Weight	Magazines	Price
Merkel 160	7mm Mauser	3.5 kg	2 Internal	\$686
Merkel 160	7x64mm Brenneke	3.62 kg	2 Internal	\$709
Merkel 160	.30-06 Springfield	3.79 kg	2 Internal	\$743
Merkel 160	.30 Blaser	4.17 kg	2 Internal	\$1722
Merkel 160	8mm JRS	3.81 kg	2 Internal	\$741
Merkel 160	8x75mm JS	4.42 kg	2 Internal	\$1767
Merkel 160	7.62mm NATO	3.7 kg	2 Internal	\$697
Merkel 160	9.3x74mmR	5.1 kg	2 Internal	\$1863

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Merkel 160 (7mm)	SA	4	2-3-Nil	6	4	Nil	71
Merkel 160 (7x64mm)	SA	4	1-2-3	6	4	Nil	76
Merkel 160 (.30-06)	SA	4	2-3-Nil	6	5	Nil	69
Merkel 160 (.30 Blaser)	SA	5	1-2-3	6	4	Nil	77
Merkel 160 (8mm JRS)	SA	4	2-3-Nil	6	5	Nil	80
Merkel 160 (8x75mm)	SA	6	1-3-Nil	6	5	Nil	73
Merkel 160 (7.62mm)	SA	4	2-3-Nil	6	4	Nil	79
Merkel 160 (9.3x74mm)	SA	6	1-3-Nil	7	5	Nil	83

Dixie Gun Works/Pedersoli 1874 Sharps Target Rifle

Notes: Built by Pedersoli of Italy and sold by them and by Dixie Gun Works of the US, the 1874 Sharps Target Rifle is a replica of the 1874 Sharps Target Model. The rifle features an octagonal, heavy, tapered barrel a full 32 inches long. The stock has a straight wrist made from European walnut; the fore-end is of the Schnabel type. The fore-end is checkered, and the entire stock is oil-finished. Despite the length and weight, it is very well balanced and surprisingly easy to wield. The rear sights are ladder-type adjustable sights, and the front sight is a silver blade. The barrel is deep blued, and the rest of the metalwork is color-case hardened. The weapon has a set trigger which reduces the normal 6.75 pounds of pull to mere ounces. The set trigger is adjustable for position. The 1874 Sharps Target Rifle is designed for both blackpowder and modern propellant rounds.

Weapon	Ammunition	Weight	Magazines	Price
1874 Sharps Target	.45-70 Government	4.58 kg	1 Internal	\$408

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
1874 Sharps Target	SS	4	2-3-Nil	8	4	Nil	117

Heym-Ruger HR-30

Notes: First built in the late 1970s, the HR-30 is basically a Heym rifle built on a Ruger No. 1 single-shot action. The action is definitely Ruger's (and even built in the US), but the quality of the stock and the engraving of the side-plates is Heym's work. The HR-30 can be had with a round or octagonal barrel, and the design has a set trigger. The top has claws for a telescopic sight.

Weapon	Ammunition	Weight	Magazines	Price
HR-30	.243 Winchester	2.74 kg	1 Internal	\$323
HR-30	6.5x57mm Mauser	2.89 kg	1 Internal	\$340
HR-30	6.5x68mm RWS	3.02 kg	1 Internal	\$356
HR-30	.270 Winchester	3.05 kg	1 Internal	\$361
HR-30	7mm Brenneke	3.08 kg	1 Internal	\$364
HR-30	7x65mmR	3.05 kg	1 Internal	\$360
HR-30	.300 Winchester Magnum	3.57 kg	1 Internal	\$868
HR-30	.30-06 Springfield	3.87 kg	1 Internal	\$382
HR-30	7.62mm NATO	3.66 kg	1 Internal	\$358
HR-30	8x68mm RWS	4.36 kg	1 Internal	\$882
HR-30	9.3mm Sauer	4.78 kg	1 Internal	\$934
HR-30	10.3mm Swiss	4.89 kg	1 Internal	\$949

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
HR-30 (.243)	SS	3	2-Nil	6	4	Nil	66
HR-30 (6.5mm Mauser)	SS	4	2-Nil	6	5	Nil	66

HR-30 (6.5mm RWS)	SS	4	1-2-3	6	5	Nil	67
HR-30 (.270)	SS	4	2-3-Nil	6	5	Nil	61
HR-30 (7mm Brenneke)	SS	4	2-3-Nil	6	5	Nil	63
HR-30 (7x65mm)	SS	4	1-2-3	6	5	Nil	72
HR-30 (.300)	SS	5	2-3-Nil	6	5	Nil	79
HR-30 (.30-06)	SS	4	2-3-Nil	6	5	Nil	69
HR-30 (7.62mm)	SS	4	2-3-Nil	6	5	Nil	79
HR-30 (8mm RWS)	SS	6	1-2-3	6	4	Nil	82
HR-30 (9.3mm)	SS	5	2-4-Nil	6	5	Nil	72
HR-30 (10.3mm)	SS	6	2-4-Nil	7	6	Nil	80

### **Beretta 455 Express**

Notes: This is a double-barreled rifle designed to fire some of the most powerful cartridges in the world. It was introduced in 1990. The materials used are of the best quality, including cold-forged Bohler steel and select walnut root stocks and fore-ends. The Model 455 has triple locking – double barrel lugs, Greener locking, and a transverse bar. This allows the breech block to withstand pressure four times greater than a 12-gauge 3-inch magnum shell. The side locks are of the Holland & Holland type, strengthened with Beretta-patented twin safety bars. The Model 455 has a safety system that prevents both barrels from being fired at the same time. The rifle can be made with a manual safety, or equipped with another automatic safety that prevents the weapon from being fired if dropped or if the breech is not closed. The side plates are made with fine engraving of two grades. The butts have a thick recoil pad, usually in dull red, and sighting is done through a folding leaf sight.

Weapon	Ammunition	Weight	Magazines	Price
Beretta 455 (23.625" Barrels)	.375 H&H Magnum	5 kg	2 Internal	\$1949
Beretta 455 (25.625" Barrels)	.375 H&H Magnum	5.1 kg	2 Internal	\$2071
Beretta 455 (23.625" Barrels)	.416 Rigby	5.41 kg	2 Internal	\$2053
Beretta 455 (25.625" Barrels)	.416 Rigby	5.52 kg	2 Internal	\$2173
Beretta 455 (23.625" Barrels)	.458 Winchester Magnum	5.57 kg	2 Internal	\$2075
Beretta 455 (25.625" Barrels)	.458 Winchester Magnum	5.68 kg	2 Internal	\$2193
Beretta 455 (23.625" Barrels)	.470 Nitro Express	6.36 kg	2 Internal	\$2291
Beretta 455 (25.625" Barrels)	.470 Nitro Express	6.49 kg	2 Internal	\$2411
Beretta 455 (23.625" Barrels)	.500 Nitro Express	6.51 kg	2 Internal	\$2388
Beretta 455 (25.625" Barrels)	.500 Nitro Express	6.64 kg	2 Internal	\$2459

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Beretta 455 (23.625", .375)	SA	7	1-3-5	7	5	Nil	88
Beretta 455 (25.625", .375)	SA	7	1-3-5	7	5	Nil	100
Beretta 455 (23.625", .416)	SA	7	1-3-5	7	5	Nil	96
Beretta 455 (25.625", .416)	SA	7	1-3-5	7	5	Nil	108
Beretta 455 (23.625", .458)	SA	7	1-3-5	7	5	Nil	96
Beretta 455 (25.625", .458)	SA	8	1-3-5	7	5	Nil	108
Beretta 455 (23.625", .470)	SA	8	1-2-3	7	6	Nil	95
Beretta 455 (25.625", .470)	SA	8	1-2-3	7	6	Nil	108
Beretta 455 (23.625", .500)	SA	9	1-2-3	7	6	Nil	95
Beretta 455 (25.625", .500)	SA	9	1-2-3	7	6	Nil	108

### **Beretta SSO6 Express**

Notes: This is another over-and-under heavy-caliber rifle, introduced in 1984. It is based on the SO6 shotgun. It was originally designed to fire either .375 H&H Magnum, 9.3x74Rmm, or .458 Winchester Magnum; the 9.3x74Rmm version was dropped in 1988, but brought back a few years after that due to customer demand. The SSO6 is virtually hand-made, like the SO series of shotguns, and can be has with or without automatic ejectors, with or without iron sights, and with or without drilling and tapping for telescopic sights. The barrels are cold forged from Bohler Antinit steel; up until 1994, these barrels were 25.5 inches in length, but SSO6's produced after that have 24-inch barrels. The manual safety is automatically engaged as soon as the breech is opened. The stock is walnut and textured, and is in a Monte Carlo pattern. The bottom of the pistol grip may be removed, to reveal a hollow space where various types of iron sights may be stored. The SSO6 has twin triggers. The breech block is finely engraved, with an SSO6 EELL version having gold-inlaid engraving.

Weapon	Ammunition	Weight	Magazines	Price
SSO6 (24" Barrels)	.375 H&H Magnum	5 kg	2 Internal	\$1972
SSO6 (25.5" Barrels)	.375 H&H Magnum	5.04 kg	2 Internal	\$2063
SSO6 (24" Barrels)	9.3x74Rmm	4.91 kg	2 Internal	\$1960
SSO6 (25.5" Barrels)	9.3x74Rmm	4.95 kg	2 Internal	\$2052
SSO6 (24" Barrels)	.458 Winchester Magnum	5.43 kg	2 Internal	\$2098
SSO6 (25.5" Barrels)	.458 Winchester Magnum	5.47 kg	2 Internal	\$2190

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SSO6 (24", .375)	SA	7	1-3-5	7	5	Nil	90
SSO6 (25.5", .375)	SA	7	1-3-5	7	5	Nil	99
SSO6 (24", 9.3mm)	SA	6	1-3-Nil	7	5	Nil	85
SSO6 (25.5", 9.3mm)	SA	6	1-3-Nil	7	5	Nil	94
SSO6 (24", .458)	SA	8	1-3-5	7	5	Nil	98
SSO6 (25.5", .458)	SA	8	1-3-5	7	5	Nil	107

### **Beretta Super Olimpia Target Rifle**

Notes: Related to the Tipo Olimpia only in name, the Super Olimpia is a quality bolt-action target rifle with a two-stage trigger, an aperture sight, and a tunnel-type front sight.

Weapon	Ammunition	Weight	Magazines	Price
Super Olimpia	.22 Long Rifle	4.81 kg	1 Internal	\$451

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Super Olimpia	SS	1	Nil	6	1	Nil	56

### **Bernardelli Express 2000**

Notes: This is an over-and-under rifle designed for fairly-powerful and in most case, unusual ammunition. It has a single or twin trigger; in Express 2000's equipped with two triggers, the front trigger acts as a set trigger, not a barrel trigger. The top barrel has a short raised barrel rib, upon which lies the rear sight; this rib is also drilled and tapped for a telescopic sight. The stock is walnut, with a cheek plate and a pistol grip-type wrist.

Weapon	Ammunition	Weight	Magazines	Price
Express 2000 (21.625" Barrels)	7x64mm Brenneke	3.1 kg	2 Internal	\$668
Express 2000 (23.625" Barrels)	7x64mm Brenneke	3.3 kg	2 Internal	\$709
Express 2000 (21.625" Barrels)	.30-06 Springfield	3.25 kg	2 Internal	\$703
Express 2000 (23.625" Barrels)	.30-06 Springfield	3.46 kg	2 Internal	\$743
Express 2000 (21.625" Barrels)	8mm JRS	3.24 kg	2 Internal	\$700
Express 2000 (23.625" Barrels)	8mm JRS	3.45 kg	2 Internal	\$741
Express 2000 (21.625" Barrels)	9.3x74Rmm	4.15 kg	2 Internal	\$1741
Express 2000 (23.625" Barrels)	9.3x74Rmm	4.42 kg	2 Internal	\$1863

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Express 2000 (21.625", 7mm)	SA	4	1-2-3	6	5	Nil	67
Express 2000 (23.625", 7mm)	SA	4	1-2-3	6	5	Nil	76
Express 2000 (21.625", .30-06)	SA	4	2-3-Nil	6	5	Nil	61
Express 2000 (23.625", .30-06)	SA	4	2-3-Nil	6	5	Nil	69
Express 2000 (21.625", 8mm)	SA	4	2-3-Nil	6	5	Nil	70
Express 2000 (23.625", 8mm)	SA	4	2-3-Nil	6	5	Nil	80
Express 2000 (21.625", 9.3mm)	SA	6	1-3-Nil	6	6	Nil	73
Express 2000 (23.625", 9.3mm)	SA	6	1-3-Nil	7	6	Nil	84

### **Cimarron Texas Ranger Sharps Carbine**

Notes: This weapon, actually rifle-sized, is a modern replica of the Sharps Carbines procured for the Texas Rangers in the late 1860s. The original Sharps Carbines were converted forms of the original Sharps Carbines, which were designed for blackpowder and Minie Balls. These carbines were very rare in their original form, with only 36 being procured by the Texas government (Rangers preferred to supply their own weapons). The conversion made the weapons into cartridge-firing breech-fed weapons. The Cimarron replica is almost perfect, with only some slight wood-to-metal fit imperfections. The barrel is 22 inches long, round, and finished in deeply-polished blue, with a bore that is well-polished. Most of the other metalwork is in case-hardened color. The stock and fore-end are of straight-grained walnut. The rear sight is a ladder-type adjustable sight; when this sight is folded down, the carbine has a quick battle sight good for short-range work. Windage adjustments are made by moving this sight in its dovetail. The front sight is an inverted v-shaped blade atop a post, with the rear surface being rounded, allowing it to catch light. The action is classic falling block, perhaps more precisely machined than the original, and the carbine has a saddle ring. The hammer is huge, with a checkered hammer spur. The trigger guard is small, too small for a gloved finger (like the original).

Weapon	Ammunition	Weight	Magazines	Price
Texas Ranger Sharps Carbine	.45-70 Government	3.74 kg	1 Internal	\$304
Texas Ranger Sharps Carbine	.50-70 Government	3.75 kg	1 Internal	\$305

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Texas Ranger Sharps Carbine (.45-70)	SS	4	2-3-Nil	6	4	Nil	74
Texas Ranger Sharps Carbine (.50-70)	SS	4	2-3-Nil	6	4	Nil	72

### **FAIR Safari Express**

Notes: This is an express rifle – a double-barreled rifle designed for powerful cartridges and hunting big game. The Safari 500 Express is an over-and-under rifle based on a 20-gauge shotgun breech, and is thus not too heavy a weapon, but has strong barrel

block locking. They are designed so that the point of convergence – the range at which both rounds will hit within a 2-inch circle – is at about 50 meters, considered a proper range for hunting with this type of weapon. The Safari Express uses barrels of the same caliber, and has automatic shell extractors which move the rounds out of the chamber when the rifle is breeched just enough to grasp easily. The single trigger is non-selective, with the bottom barrel firing first and the top barrel firing second. The breech block is chromed and engraved with a red deer. The stock and fore-end are of walnut of good quality. The Safari Standard Express is virtually identical, but has shell ejectors and a stock and fore-end of select walnut. The Safari Deluxe Express has even better wood. The top of this line is the Safari Prestige Express, which has very fine and intricate engravings on the side plates. (All these rifles are identical for game purposes.) There is a short version, the Safari 500 Battue Express, which has 21.625-inch barrels (as opposed to the 23.625-inch barrels of the other versions), and comes in only two calibers. These rifles are equipped with a base for a telescopic sight.

Twilight 2000 Notes: Introduced in 2001, this rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Safari Express	6.5x57mm Mauser	3 kg	2 Internal	\$736
Safari Express	7x64mm Brenneke	3.22 kg	2 Internal	\$784
Safari Express	7mm Mauser	3.12 kg	2 Internal	\$761
Safari Express	8mm JRS	3.36 kg	2 Internal	\$816
Safari Express	.30-06 Springfield	3.37 kg	2 Internal	\$818
Safari Express	9.3x74Rmm	4.27 kg	2 Internal	\$1938
Safari Express	.444 Marlin	4.3 kg	2 Internal	\$1945
Safari 500 Battue Express	8mm JRS	2.9 kg	2 Internal	\$775
Safari 500 Battue Express	9.3x73Rmm	3.69 kg	2 Internal	\$1816

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Safari Express (6.5mm Mauser)	SA	4	2-Nil	6	4	Nil	66
Safari Express (7mm Brenneke)	SA	4	1-2-3	6	4	Nil	76
Safari Express (7mm Mauser)	SA	4	2-3-Nil	6	4	Nil	71
Safari Express (8mm)	SA	4	2-3-Nil	6	4	Nil	80
Safari Express (.30-06)	SA	4	2-3-Nil	6	4	Nil	69
Safari Express (9.3mm)	SA	6	1-3-Nil	7	5	Nil	83
Safari Express (.444)	SA	6	2-4-Nil	7	5	Nil	80
Safari 500 Battue Express (8mm)	SA	4	2-3-Nil	6	5	Nil	70
Safari 500 Battue Express (9.3mm)	SA	6	1-3-Nil	6	5	Nil	73

**Pedersoli Model 1874**

Notes: The Sharps Model 1874 was one of the first factory-produced rifles designed for smokeless powder cartridges (though they were also designed to allow them to shoot blackpowder rounds). The Pedersoli Model 1874 is a modern reproduction of the Sharps 1874; its primary target market is blackpowder sharpshooters in BCPR competitions. (Blackpowder rounds are not covered below.) The primary US importer is Dixie Gun Works.

The Model 1874 is made to “old-time” specifications; it has a heavy, blued, 32-inch octagonal barrel. The trigger group includes a double set triggers, and the stock is made from European walnut. The rest of the metalwork is color-case hardened. As manufactured, the Model 1874 is simply drilled and tapped for both modern-type scopes and standard iron sights, as well as the old-style William Malcolm 6x scope which extends virtually the entire length of the barrel and receiver.

Model 1874’s equipped with that William Malcolm sight are called by Pedersoli the Model 1874 Silhouette. In game terms, this “legacy” scope adds considerable cost to the rifle as well as weight.

Weapon	Ammunition	Weight	Magazines	Price
Model 1874	.45-70 Government	5.11 kg	1 Internal	\$403
Model 1874	.40-65 Winchester	4.95 kg	1 Internal	\$393
Model 1874 Silhouette	.45-70 Government	5.9 kg	1 Internal	\$703
Model 1874 Silhouette	.40-65 Winchester	5.74 kg	1 Internal	\$693

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 1874 (.45-70)	SS	4	2-3-Nil	8	4	Nil	117
Model 1874 (.40-65)	SS	3	2-Nil	8	4	Nil	117
Model 1874 Silhouette (.45-70)	SS	4	2-3-Nil	8	3	Nil	117
Model 1874 Silhouette (.40-65)	SS	3	2-Nil	8	3	Nil	117

**Rizzini Safari**

Notes: This weapon comes from a manufacturer known for making beautiful, elaborate weapons with intricate artwork. The Safari is a side-by-side double rifle based on one of the company’s shotguns, and thus has features such as automatic ejection for spent



shells and the ability to fire both barrels at once.

Weapon	Ammunition	Weight	Magazines	Price
Safari	7mm Mauser	4 kg	2 Internal	\$750
Safari	7x65mmR	4.08 kg	2 Internal	\$764
Safari	.30-06 Springfield	4.3 kg	2 Internal	\$807
Safari	8mm JRS	4.29 kg	2 Internal	\$804
Safari	9.3x74mmR	5.22 kg	2 Internal	\$2053
Safari	.444 Marlin	3.02 kg	2 Internal	\$654

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Safari (7mm Mauser)	SA	4	2-3-Nil	7	4	Nil	85
Safari (7x65mmR)	SA	4	1-2-3	7	4	Nil	87
Safari (.30-06)	SA	4	2-3-Nil	7	4	Nil	83
Safari (8mm JRS)	SA	5	2-3-Nil	7	4	Nil	96
Safari (9.3mm)	SA	7	1-3-Nil	7	5	Nil	94
Safari (.444)	SA	4	2-Nil	6	5	Nil	96

### **Sabatti Classic 92 Express**

Notes: Introduced in 2002, this is an "Express Rifle" – a side-by-side double-barreled rifle designed for high-powered cartridges. The barrels are of cold-forged chrome-molybdenum steel for extra hardness, and the breech block is of chrome-nickel steel. The Classic 92 Express uses double barrel block locking. The stock and fore-end are of select walnut root with a Bavarian-style stock. The fore-end and pistol grip wrist have fish-scale-type checkering. The walnut is oil-finished and polished. Between the barrels is a raised rib; it can be used for quick sighting, but the rib is also higher at the rear to allow for mounting of telescopic sights (it has dovetail rail for this purpose) and also carries a rear folding leaf sight. The front of the barrel rib has a blade-type front sight. The Classic 92 Express may have double triggers or a single non-selective trigger. The standard for the rifle is extractors only, but Sabatti will fit automatic case ejectors at the customer's request.

The Model 92F is a newer version, meant to provide "inexpensive luxury," as well as fire more powerful rounds. The walnut is of lesser, but still excellent, quality; the engraving of the side plates is still elaborate, but not as elaborate as the Classic 92, and it is done by machine instead of by hand. The stock has a ventilated rubber recoil pad. The 24-inch barrels are blued and have attachment points for a telescopic sight; they remain chrome-moly barrels, like those of the Classic 92. The Model 92F has shell extractors rather than ejectors. The iron sights are interesting; the rear is a simple notch sight, but has green fiberoptic dots on either side of the notch. The front sight is a ramped blade with three fiberoptic dots on top for all but the Nitro Express chamberings; the Nitro Express chamberings have an adjustable leaf rear sight. The Model 92F has a double trigger and a tang-mounted safety/break-open lever. Even with the recoil pad on the butt, recoil is stout on all but the .45-70 chambering.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Classic 92 Express	7x65mmR	3.5 kg	2 Internal	\$716
Classic 92 Express	.30 Blaser	4.05 kg	2 Internal	\$1745
Classic 92 Express	8mm JRS	3.7 kg	2 Internal	\$749
Classic 92 Express	9.3x74mmR	4.74 kg	2 Internal	\$1885
Classic 92 Express	.444 Marlin	3.31 kg	2 Internal	\$598
Classic 92 Express	.45-70 Government	3.38 kg	2 Internal	\$608
Model 92F	.45-70 Government	3.27 kg	2 Internal	\$683
Model 92F	9.3x74mmR	4.59 kg	2 Internal	\$1960
Model 92F	.375 H&H Magnum	4.63 kg	2 Internal	\$1972
Model 92F	.416 Rigby	5.01 kg	2 Internal	\$2076
Model 92F	.450 Nitro Express No 2	5.81 kg	2 Internal	\$2314
Model 92F	.458 Winchester Magnum	5.17 kg	2 Internal	\$2098
Model 92F	.470 Nitro Express	5.9 kg	2 Internal	\$2314
Model 92F	.500 Nitro Express	6.04 kg	2 Internal	\$2361

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Classic 92 Express (7x65mm)	SA	4	1-2-3	6	5	Nil	78
Classic 92 Express (.30)	SA	5	1-2-3	6	4	Nil	79
Classic 92 Express (8mm)	SA	4	2-3-Nil	6	5	Nil	82
Classic 92 Express (9.3mm)	SA	6	1-3-Nil	7	6	Nil	85
Classic 92 Express (.444)	SA	5	1-2-Nil	6	4	Nil	98
Classic 92 Express (.45-70)	SA	4	2-3-Nil	6	4	Nil	82
Model 92F (.45-70)	SA	4	2-3-Nil	6	4	Nil	82

Model 92F (9.3mm)	SA	6	1-3-Nil	7	5	Nil	85
Model 92F (.375)	SA	7	1-3-5	7	5	Nil	90
Model 92F (.416)	SA	7	1-3-5	7	5	Nil	98
Model 92F (.450)	SA	8	1-2-3	7	6	Nil	97
Model 92F (.458)	SA	8	1-3-5	7	5	Nil	98
Model 92F (.470)	SA	8	1-2-3	7	6	Nil	107
Model 92F (.500)	SA	9	1-2-3	7	6	Nil	98

Sabatti Express 230/345

Notes: These two similar Express rifles are over-and-under weapons. The breech of the Model 345 has a slightly heavier breech; the Model 230 has a standard pistol grip wrist stock while the Model 345 has a Bavarian-type stock. They are otherwise identical. They have heavy breeches made from chrome-nickel steel, and barrels of chrome-molybdenum steel which are drilled out and then have the rifling cold-forged into them. They may have twin triggers or selective single triggers; the safety/barrel selector is on the neck of the stock. They have case extractors for spent shells. The top barrel has a solid sighting rib which slopes upward towards the chambers; this allows for a folding rear sight and a dovetail rail for the attachment of telescopic sights. The stock and fore-end are of walnut root, the butt has a recoil pad, and the side plates of the rifles are engraved with decorations of a red deer.

Weapon	Ammunition	Weight	Magazines	Price
Express 230/945	5.6x50mm Magnum	3.5 kg	2 Internal	\$685
Express 230/945	5.6mm RWS	3.59 kg	2 Internal	\$699
Express 230/945	.22-250 Remington	3.48 kg	2 Internal	\$682
Express 230/945	.222 Remington	3.41 kg	2 Internal	\$671
Express 230/945	.222 Remington Magnum	3.46 kg	2 Internal	\$679
Express 230/945	6.5mm Swedish	3.85 kg	2 Internal	\$738
Express 230/945	6.5x57mm Mauser	3.88 kg	2 Internal	\$743
Express 230/945	6.5x68mm RWS	4.07 kg	2 Internal	\$775
Express 230/945	.243 Winchester	3.69 kg	2 Internal	\$708
Express 230/945	.270 Winchester	4.17 kg	2 Internal	\$784
Express 230/945	7x65mmR	4.21 kg	2 Internal	\$791
Express 230/945	7.62mm NATO	4.14 kg	2 Internal	\$779
Express 230/945	.30-06 Springfield	4.41 kg	2 Internal	\$826
Express 230/945	8mm JRS	4.4 kg	2 Internal	\$823
Express 230/945	9.3x74mmR	5.6 kg	2 Internal	\$1961

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Express 230/345 (5.6mm Magnum)	SA	3	1-2-Nil	6	3	Nil	78
Express 230/345 (5.6mm RWS)	SA	3	1-2-Nil	6	3	Nil	69
Express 230/345 (.22-250)	SA	3	1-Nil	6	3	Nil	67
Express 230/345 (.222 Rem)	SA	3	1-Nil	6	3	Nil	71
Express 230/345 (.222 Rem Magnum)	SA	3	1-1-Nil	6	3	Nil	81
Express 230/345 (6.5mm Swedish)	SA	4	2-Nil	6	4	Nil	70
Express 230/345 (6.5mm Mauser)	SA	4	2-Nil	6	4	Nil	68
Express 230/345 (6.5mm RWS)	SA	4	1-2-3	6	4	Nil	68
Express 230/345 (.243)	SA	3	2-Nil	6	3	Nil	68
Express 230/345 (.270)	SA	4	2-3-Nil	6	4	Nil	63
Express 230/345 (7x65mmR)	SA	4	1-2-3	6	4	Nil	79
Express 230/345 (7.62mm)	SA	4	2-3-Nil	6	4	Nil	81
Express 230/345 (.30-06)	SA	4	2-3-Nil	6	4	Nil	71
Express 230/345 (8mm JRS)	SA	4	2-3-Nil	6	4	Nil	82
Express 230/345 (9.3x74mm)	SA	6	1-3-Nil	7	5	Nil	85

Sabatti SKL-98

Notes: This is a single-shot break-open rifle designed for hunting. It is chambered for many different cartridges, and has a 23 5/8-inch barrel which gives most of those cartridges good performance. The trigger pressure is very light (about 25 ounces) and a set trigger is not necessary. The SKL-98 has a raised rib at the rear of the barrel; this rib has a folding rear leaf sight and a dovetail groove for a scope mount. The stock is of select walnut root and is oil-finished, with a Bavarian-style stock. The pistol grip wrist and the fore-end is checkered. The SKL-98 DL deluxe version has an engraved breech, but is otherwise identical to the standard model for game purposes. The firing pin is always uncocked unless ready to fire; thus the firing mechanism is not activated unless the sliding safety catch is switched to the fire position. This catch always returns to the safe position when the gun is breeched.

Twilight 2000 Notes: Introduced in 1998, this weapon does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
SKL-98	.22 Hornet	3 kg	1 Internal	\$296
SKL-98	.222 Remington	3.09 kg	1 Internal	\$304
SKL-98	5.6x50mm Magnum	3.17 kg	1 Internal	\$311
SKL-98	6mm Freres	3.3 kg	1 Internal	\$322
SKL-98	6.5mm Swedish	3.47 kg	1 Internal	\$338
SKL-98	6.5x65mm RWS	3.62 kg	1 Internal	\$352
SKL-98	6.5x57mm Mauser	3.5 kg	1 Internal	\$341
SKL-98	.270 Winchester	3.7 kg	1 Internal	\$361
SKL-98	7mm Mauser	3.63 kg	1 Internal	\$353
SKL-98	7x65mmR	3.85 kg	1 Internal	\$365
SKL-98	.30-06 Springfield	4.02 kg	1 Internal	\$382
SKL-98	.30 Blaser	4.39 kg	1 Internal	\$871
SKL-98	8mm JRS	4.04 kg	1 Internal	\$381
SKL-98	9.3x74Rmm	5.08 kg	1 Internal	\$942

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SKL-98 (.22)	SS	3	1-Nil	6	3	Nil	69
SKL-98 (.222)	SS	3	1-Nil	6	3	Nil	70
SKL-98 (5.6x50mm)	SS	3	1-1-Nil	6	3	Nil	76
SKL-98 (6mm)	SS	3	1-2-Nil	6	3	Nil	80
SKL-98 (6.5mm Swedish)	SS	4	2-Nil	6	4	Nil	68
SKL-98 (6.5mm RWS)	SS	4	1-2-3	6	4	Nil	69
SKL-98 (6.5mm Mauser)	SS	4	2-Nil	6	4	Nil	66
SKL-98 (.270)	SS	4	2-3-Nil	6	4	Nil	61
SKL-98 (7mm Mauser)	SS	4	2-3-Nil	6	4	Nil	71
SKL-98 (7x65mmR)	SS	4	1-2-3	6	4	Nil	76
SKL-98 (.30-06)	SS	4	2-3-Nil	6	4	Nil	69
SKL-98 (.30)	SS	5	1-2-3	6	4	Nil	77
SKL-98 (8mm)	SS	4	2-3-Nil	6	4	Nil	80
SKL-98 (9.3mm)	SS	6	1-3-Nil	7	5	Nil	83

Baikal IZH-18MH

Notes: This is the rifle variant of the IZH-18M shotgun. It has a shorter barrel than the shotgun variants at 23.5 inches, but the rifle cartridges make the range similar if not in excess of its shotgun variant. The operation of the rifle is similar to that of the shotgun, with a hinged breech that has several safeties, both automatic and manual, built in. The rifle variant does not, however, provide for fully automatic ejection, though the spent shells are partially extruded from the breech upon opening it so that the firer can grasp them.

Weapon	Ammunition	Weight	Magazines	Price
IZH-18MH	.22 Winchester Magnum Rimfire	3.2 kg	1 Internal	\$341
IZH-18MH	5.6x50mm Magnum	3.49 kg	1 Internal	\$386
IZH-18MH	.222 Remington	3.41 kg	1 Internal	\$379
IZH-18MH	5.56mm NATO	3.43 kg	1 Internal	\$381
IZH-18MH	7mm Mauser	3.97 kg	1 Internal	\$428
IZH-18MH	7mm Weatherby Magnum	4.1 kg	1 Internal	\$441
IZH-18MH	7.62mm Kalashnikov	3.81 kg	1 Internal	\$411
IZH-18MH	7.62mm NATO	4.04 kg	1 Internal	\$434
IZH-18MH	7.62mm Nagant	4.1 kg	1 Internal	\$440
IZH-18MH	.30-06 Springfield	4.27 kg	1 Internal	\$457
IZH-18MH	8mm Mauser	4.26 kg	1 Internal	\$456
IZH-18MH	9.3x73Rmm	5.3 kg	1 Internal	\$1016

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
IZH-18MH (.22)	SS	1	Nil	5	1	Nil	62
IZH-18MH (5.6mm)	SS	3	1-1-Nil	6	2	Nil	76
IZH-18MH (.222)	SS	3	1-Nil	6	2	Nil	70
IZH-18MH (5.56mm)	SS	3	1-Nil	6	2	Nil	68
IZH-18MH (7mm Mauser)	SS	4	2-3-Nil	6	3	Nil	71
IZH-18MH (7mm Magnum)	SS	4	1-2-3	6	4	Nil	75
IZH-18MH (7.62mm Kalashnikov)	SS	4	2-3-Nil	6	4	Nil	72
IZH-18MH (7.62mm NATO)	SS	4	2-3-Nil	6	4	Nil	79
IZH-18MH (7.62mm Nagant)	SS	4	2-3-Nil	6	4	Nil	80
IZH-18MH (.30-06)	SS	4	2-3-Nil	6	4	Nil	69
IZH-18MH (8mm)	SS	4	2-3-Nil	6	4	Nil	80

IZH-18MH (9.3mm)	SS	6	1-3-Nil	7	4	Nil	83

**Baikal IZH-94 Express**

Notes: Basically an Express Rifle version of the IZH-94 and IZH-94P Combination Guns (see Russian Shotguns), the IZH-94 is a double over-and-under rifle designed to fire fairly large cartridges. Most of these rifles are made with both barrels firing the same caliber, but mixes of two calibers are also available upon special orders. Other than the two rifled barrels, the Express rifle has two more widely-spaced barrels (done mostly to allow the Express rifle and the Sever shotgun to use the same stocks). The Express has an adjustment screw at the end of the fore-end that allows the shooter to adjust where the rounds will strike relative to each other. The Express has twin triggers, but does not have the preset that the Sever does. Stocks are of beech or walnut at the buyer's choice; the receiver and breech block are blued, while the barrels and other metalwork are of satin-finished metal.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
IZH-94 Express (19.75" Barrels)	7.62mm NATO	3 kg	2 Internal	\$618
IZH-94 Express (23.625" Barrels)	7.62mm NATO	3.09 kg	2 Internal	\$697
IZH-94 Express (19.75" Barrels)	.30-06 Springfield	3.21 kg	2 Internal	\$665
IZH-94 Express (23.625" Barrels)	.30-06 Springfield	3.31 kg	2 Internal	\$743
IZH-94 Express (19.75" Barrels)	8mm Mauser	3.2 kg	2 Internal	\$663
IZH-94 Express (23.625" Barrels)	8mm Mauser	3.3 kg	2 Internal	\$741
IZH-94 Express (19.75" Barrels)	9mm Izhmash Rifle	3.52 kg	2 Internal	\$1491
IZH-94 Express (23.625" Barrels)	9mm Izhmash Rifle	3.63 kg	2 Internal	\$1727
IZH-94 Express (19.75" Barrels)	9.3x74Rmm	4.05 kg	2 Internal	\$1626
IZH-94 Express (23.625" Barrels)	9.3x74Rmm	4.18 kg	2 Internal	\$1863

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
IZH-94 Express (7.62mm, 19.75")	SA	4	2-3-Nil	5	5	Nil	61
IZH-94 Express (7.62mm, 23.625")	SA	4	2-3-Nil	6	5	Nil	79
IZH-94 Express (.30-06, 19.75")	SA	4	2-3-Nil	6	5	Nil	53
IZH-94 Express (.30-06, 23.625")	SA	4	2-3-Nil	6	5	Nil	69
IZH-94 Express (8mm, 19.75")	SA	4	2-3-Nil	6	5	Nil	61
IZH-94 Express (8mm, 23.625")	SA	4	2-3-Nil	6	5	Nil	80
IZH-94 Express (9mm, 19.75")	SA	5	2-3-Nil	6	5	Nil	61
IZH-94 Express (9mm, 23.625")	SA	5	2-4-Nil	6	6	Nil	80
IZH-94 Express (9.3mm, 19.75")	SA	6	1-3-Nil	6	6	Nil	63

IZH-94 Express (9.3mm, 23.625")	SA	6	1-3-Nil	7	6	Nil	83
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Izhevsk Strela-2

Notes: Though popular in the Soviet Union, the Strela-2 was rarely seen in the West until the 1960s. The Strela-2 has a set trigger. Though the Soviets claimed that the Strela-2 fired a proprietary 5.6mm rimfire cartridge of their own design, it was eventually revealed that the weapon fires standard .22 Long Rifle ammunition. The Strela-2 has a thumbhole stock, and the fore-end has an accessory rail. Variants include the SM-2 (also known as the CM-2), which is a beginner's rifle with a shorter barrel and an adjustable trigger instead of the adjustable/set trigger system of the Strela-2. The SM-10 does in fact fire a proprietary cartridge, 5.6x22mm Rimfire. The Zenit-3 is the same rifle, enlarged to fire 7.62mm Nagant ammunition. All of these rifles are equipped with optical sights.

Weapon	Ammunition	Weight	Magazines	Price
Strela-2	.22 Long Rifle	7.94 kg	1 Internal	\$494
SM-2	.22 Long Rifle	4.9 kg	1 Internal	\$462
SM-10	5.6x22mm Rimfire	4.9 kg	1 Internal	\$471
Zenit-3	7.62mm Nagant	8.03 kg	1 Internal	\$1100

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Strela-2	SS	1	Nil	6	1	Nil	65
SM-2	SS	1	Nil	6	1	Nil	59
SM-10	SS	1	Nil	6	1	Nil	73
Zenit-3	SS	4	2-3-Nil	7	3	Nil	117



Grünel Matchkugelbüsche

Notes: This is rifle designed for use in moving target competitions. They typically have a set trigger in the form of a reversed trigger in the front of the trigger guard that is pushed instead of pulled. They are equipped with floating barrels to enhance accuracy. They are equipped for mounting a telescopic sight, but an optical sight is standard.

Weapon	Ammunition	Weight	Magazines	Price
Matchkugelbüsche	.222 Remington	3.86 kg	1 Internal	\$701
Matchkugelbüsche	5.6x50mm Magnum	3.95 kg	1 Internal	\$743
Matchkugelbüsche	.243 Winchester	4.1 kg	1 Internal	\$811
Matchkugelbüsche	6.5mm Swedish	4.29 kg	1 Internal	\$903
Matchkugelbüsche	7mm Mauser	4.47 kg	1 Internal	\$995
Matchkugelbüsche	7mm Brenneke	4.59 kg	1 Internal	\$1062
Matchkugelbüsche	7.5mm Swiss	4.61 kg	1 Internal	\$1074
Matchkugelbüsche	7.62mm NATO	4.52 kg	1 Internal	\$1026
Matchkugelbüsche	8mm Mauser	4.77 kg	1 Internal	\$1160
Matchkugelbüsche	8x68mm RWS	5.35 kg	1 Internal	\$1824

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Matchkugelbüsche (.222)	SS	3	1-Nil	6	3	Nil	90
Matchkugelbüsche (5.6mm)	SS	3	1-2-Nil	6	3	Nil	100
Matchkugelbüsche (.243)	SS	3	2-Nil	6	4	Nil	88
Matchkugelbüsche (6.5mm)	SS	4	2-3-Nil	7	4	Nil	92
Matchkugelbüsche (7mm Mauser)	SS	4	2-3-Nil	7	4	Nil	96
Matchkugelbüsche (7mm Brenneke)	SS	4	2-3-Nil	7	4	Nil	86
Matchkugelbüsche (7.5mm)	SS	4	2-3-Nil	7	4	Nil	106
Matchkugelbüsche (7.62mm)	SS	4	2-3-Nil	7	4	Nil	105
Matchkugelbüsche (8mm Mauser)	SS	5	2-3-Nil	7	4	Nil	108
Matchkugelbüsche (8x68mm)	SS	6	1-3-Nil	7	5	Nil	111

Heeren-Glaser Sporting Rifle

Notes: This falling-block single-shot rifle was built for about 25 years, between 1925 and 1950. It is intended to be decorative as well as functional, and thus tends to display artwork on the side plates. The walnut stocks are typically well-finished. The barrel is octagonal and usually has a sight base on top. These rifles are very durable and even a Heeren-Glaser built near the beginning of its production run can usually be expected to function reliably today.

Weapon	Ammunition	Weight	Magazines	Price
Heeren-Glaser	7mm Mauser	2.82 kg	1 Internal	\$358
Heeren-Glaser	7x65mmR	2.87 kg	1 Internal	\$365
Heeren-Glaser	8mm Mauser	3 kg	1 Internal	\$386
Heeren-Glaser	8x60mm RWS	3.02 kg	1 Internal	\$388
Heeren-Glaser	9.3mm Swiss	3.39 kg	1 Internal	\$890
Heeren-Glaser	9.3x74mmR	3.72 kg	1 Internal	\$946

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Heeren-Glaser (7mm Mauser)	SS	4	2-3-Nil	6	5	Nil	71
Heeren-Glaser (7x65mm)	SS	4	1-2-3	6	5	Nil	72
Heeren-Glaser (8mm Mauser)	SS	4	2-3-Nil	6	5	Nil	80
Heeren-Glaser (8x60mm)	SS	4	2-3-Nil	6	5	Nil	75
Heeren-Glaser (9.3mm Swiss)	SS	5	2-4-Nil	7	6	Nil	80
Heeren-Glaser (9.3x74mm)	SS	6	1-3-Nil	7	6	Nil	83

Allen & Wheelock Drop Breech Rifle

Notes: A real one of these rifles is IRL a much sought-after and expensive collectors' item. Introduced in 1860, they saw service from the beginning of the American Civil War, but they were few in number as they were never official issue in the Union Army or the Marines and thus were only found if the soldier or marine bought it and the ammunition himself. Military versions were generally in the heavier calibers, while hunters preferred the lower calibers. The Allen & Wheelock was one of the first breechloading rifles in circulation, as well as one of the first cartridge-fed weapons. The name "Drop Breech" referred to the loading through a dropping breech system actuated through unlocking of the trigger guard. Round ejection was automatic. Before firing, the external hammer must be cocked. The fore-end and stock are of American Walnut, with the butt capped by a crescent-shaped steel plate that was meant to fit into the shooter's shoulder. This cap could be moved upwards to expose a compartment, meant for cleaning supplies and perhaps a few extra rounds of ammunition. A single joining band circled the barrel ahead of the fore-end. The barrel had a blued finish and versions from 23 to 28 inches were available. Sights consisted of a blade front and a V-notch rear. The cartridges are rimfire rounds, some of which are no longer made except by handloaders.

Twilight 2000 Notes: This is one of the sets of plans given to DoubleStar by MilGov to produce for teenage members of the militia (those meant for home defense).

Weapon	Ammunition	Weight	Magazines	Price
Allen & Wheelock (23" Barrel)	.22 Long Rifle	4.29 kg	1 Internal	\$266
Allen & Wheelock (24" Barrel)	.22 Long Rifle	4.36 kg	1 Internal	\$290
Allen & Wheelock (26" Barrel)	.22 Long Rifle	4.4 kg	1 Internal	\$296
Allen & Wheelock (28" Barrel)	.22 Long Rifle	4.73 kg	1 Internal	\$317
Allen & Wheelock (23" Barrel)	.41 Long Rimfire	4.54 kg	1 Internal	\$279
Allen & Wheelock (24" Barrel)	.41 Long Rimfire	4.61 kg	1 Internal	\$303
Allen & Wheelock (26" Barrel)	.41 Long Rimfire	4.65 kg	1 Internal	\$310
Allen & Wheelock (28" Barrel)	.41 Long Rimfire	5 kg	1 Internal	\$330
Allen & Wheelock (23" Barrel)	.42 Allen Rimfire	4.56 kg	1 Internal	\$280
Allen & Wheelock (24" Barrel)	.42 Allen Rimfire	4.63 kg	1 Internal	\$304
Allen & Wheelock (26" Barrel)	.42 Allen Rimfire	4.67 kg	1 Internal	\$310
Allen & Wheelock (28" Barrel)	.42 Allen Rimfire	5.02 kg	1 Internal	\$331
Allen & Wheelock (23" Barrel)	.44 Henry Rimfire	4.6 kg	1 Internal	\$282
Allen & Wheelock (24" Barrel)	.44 Henry Rimfire	4.67 kg	1 Internal	\$306
Allen & Wheelock (26" Barrel)	.44 Henry Rimfire	4.71 kg	1 Internal	\$312
Allen & Wheelock (28" Barrel)	.44 Henry Rimfire	5.06 kg	1 Internal	\$333

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Allen & Wheelock (.22, 23")	SS	1	Nil	5	1	Nil	47
Allen & Wheelock (.22, 24")	SS	1	Nil	6	1	Nil	51
Allen & Wheelock (.22, 26")	SS	1	Nil	6	1	Nil	52
Allen & Wheelock (.22, 28")	SS	1	Nil	6	1	Nil	56
Allen & Wheelock (.41, 23")	SS	2	1-Nil	6	2	Nil	58
Allen & Wheelock (.41, 24")	SS	2	1-Nil	6	2	Nil	65
Allen & Wheelock (.41, 26")	SS	2	1-Nil	6	2	Nil	66
Allen & Wheelock (.41, 28")	SS	2	1-Nil	6	2	Nil	71
Allen & Wheelock (.42, 23")	SS	2	1-Nil	6	2	Nil	58
Allen & Wheelock (.42, 24")	SS	2	1-Nil	6	2	Nil	65
Allen & Wheelock (.42, 26")	SS	2	1-Nil	6	2	Nil	66
Allen & Wheelock (.42, 28")	SS	2	1-Nil	6	2	Nil	71
Allen & Wheelock (.44, 23")	SS	2	1-Nil	6	2	Nil	58
Allen & Wheelock (.44, 24")	SS	2	1-Nil	6	2	Nil	65
Allen & Wheelock (.44, 26")	SS	2	1-Nil	6	2	Nil	66
Allen & Wheelock (.44, 28")	SS	2	1-Nil	6	2	Nil	71

Ballard High Wall

Notes: This is a modern replica of the Winchester 1885 Single-Shot rifle (which was actually designed by John Browning). There are several variants of the High Wall: The Special Sporter, designed for blackpowder rounds and pistol-caliber rounds (this version will not be dealt with here, at least not at this time); the High Wall Express, designed for medium and heavy-caliber smokeless powder rounds; the High Wall Classic, designed for smaller-caliber smokeless powder rounds (and itself comes in a version with a rifle or a shotgun-style stock); and the High Wall Helm, with is a Stutzen-type rifle with a special stock of a horseshoe shape to form a shoulder rest. In each case, the most common calibers are noted below, but Ballard will make the High Wall in virtually any other chambering

upon request. The stocks and fore-ends are of fancy-grade walnut, polished to a high sheen, and the metalwork is blued, with the receiver engraved with scrollwork. The hammer, trigger, locking bolts, and under lever are color case-hardened, as are the butt plates of all except the High Wall Helm. The action is falling block, and barrels are heavy half-octagon types. The High Wall Express has standing-leaf express-type sights, while the others have integral scope blocks and no iron sights.

Twilight 2000 Notes: These rifles do not exist in the Twilight 2000 Timeline.

Weapon	Ammunition	Weight	Magazines	Price
High Wall Express (26" Barrel)	6.5mm Swedish	3.86 kg	1 Internal	\$444
High Wall Express (28" Barrel)	6.5mm Swedish	3.91 kg	1 Internal	\$465
High Wall Express (26" Barrel)	6.5mm-06 Ackley Improved	3.98 kg	1 Internal	\$456
High Wall Express (28" Barrel)	6.5mm-06 Ackley Improved	4.03 kg	1 Internal	\$477
High Wall Express (26" Barrel)	7.5mm Swiss	4.14 kg	1 Internal	\$472
High Wall Express (28" Barrel)	7.5mm Swiss	4.19 kg	1 Internal	\$493
High Wall Express (26" Barrel)	.300 Savage	4 kg	1 Internal	\$458
High Wall Express (28" Barrel)	.300 Savage	4.05 kg	1 Internal	\$478
High Wall Express (26" Barrel)	.30-30 Winchester	4.08 kg	1 Internal	\$465
High Wall Express (28" Barrel)	.30-30 Winchester	4.13 kg	1 Internal	\$486
High Wall Express (26" Barrel)	.30-40 Krag	4.21 kg	1 Internal	\$479
High Wall Express (28" Barrel)	.30-40 Krag	4.26 kg	1 Internal	\$500
High Wall Express (26" Barrel)	.30-06 Springfield	4.29 kg	1 Internal	\$488
High Wall Express (28" Barrel)	.30-06 Springfield	4.34 kg	1 Internal	\$508
High Wall Express (26" Barrel)	.303 British	4.19 kg	1 Internal	\$476
High Wall Express (28" Barrel)	.303 British	4.24 kg	1 Internal	\$497
High Wall Express (26" Barrel)	9.3x74Rmm	5.36 kg	1 Internal	\$1109
High Wall Express (28" Barrel)	9.3x74Rmm	5.42 kg	1 Internal	\$1171
High Wall Express (26" Barrel)	.348 Winchester	4.9 kg	1 Internal	\$1049
High Wall Express (28" Barrel)	.348 Winchester	4.95 kg	1 Internal	\$1111
High Wall Express (26" Barrel)	.356 Winchester	4.83 kg	1 Internal	\$1041
High Wall Express (28" Barrel)	.356 Winchester	4.88 kg	1 Internal	\$1103
High Wall Express (26" Barrel)	.35 Winchester	5.05 kg	1 Internal	\$1067
High Wall Express (28" Barrel)	.35 Winchester	5.1 kg	1 Internal	\$1129
High Wall Express (26" Barrel)	.358 Winchester	4.83 kg	1 Internal	\$1040
High Wall Express (28" Barrel)	.358 Winchester	4.88 kg	1 Internal	\$1103
High Wall Express (26" Barrel)	.35 Whelan	5.11 kg	1 Internal	\$1073
High Wall Express (28" Barrel)	.35 Whelan	5.16 kg	1 Internal	\$1135
High Wall Express (26" Barrel)	.350 Rigby	5.24 kg	1 Internal	\$1089
High Wall Express (28" Barrel)	.350 Rigby	5.29 kg	1 Internal	\$1152
High Wall Express (26" Barrel)	.375 Whelan	5.24 kg	1 Internal	\$1089
High Wall Express (28" Barrel)	.375 Whelan	5.29 kg	1 Internal	\$1151
High Wall Express (26" Barrel)	.375 H&H Magnum	5.44 kg	1 Internal	\$1114
High Wall Express (28" Barrel)	.375 H&H Magnum	5.49 kg	1 Internal	\$1177
High Wall Express (26" Barrel)	.405 Winchester	4.17 kg	1 Internal	\$416
High Wall Express (28" Barrel)	.405 Winchester	4.21 kg	1 Internal	\$436
High Wall Express (26" Barrel)	.45-70 Government	4.18 kg	1 Internal	\$416
High Wall Express (28" Barrel)	.45-70 Government	4.22 kg	1 Internal	\$437
High Wall Express (26" Barrel)	.400 Jeffery	5.85 kg	1 Internal	\$1167
High Wall Express (28" Barrel)	.400 Jeffery	5.9 kg	1 Internal	\$1230
High Wall Express (26" Barrel)	.450-400 Nitro Express 2 3/8"	5.44 kg	1 Internal	\$1111
High Wall Express (28" Barrel)	.450-400 Nitro Express 2 3/8"	5.49 kg	1 Internal	\$1173
High Wall Express (26" Barrel)	.450-400 Nitro Express 3 1/4"	6 kg	1 Internal	\$1182
High Wall Express (28" Barrel)	.450-400 Nitro Express 3 1/4"	6.06 kg	1 Internal	\$1245
High Wall Express (26" Barrel)	.50-110 Sharps	4.63 kg	1 Internal	\$451
High Wall Express (28" Barrel)	.50-110 Sharps	4.68 kg	1 Internal	\$472
High Wall Express (26" Barrel)	.500 Nitro Express	4.67 kg	1 Internal	\$454
High Wall Express (28" Barrel)	.500 Nitro Express	4.72 kg	1 Internal	\$475
High Wall Express (26" Barrel)	.577 Nitro Express	4.99 kg	1 Internal	\$481
High Wall Express (28" Barrel)	.577 Nitro Express	5.04 kg	1 Internal	\$502
High Wall Classic (26" Barrel)	.17 Hornady Magnum Rimfire	3.63 kg	1 Internal	\$382
High Wall Classic (28" Barrel)	.17 Hornady Magnum Rimfire	3.67 kg	1 Internal	\$403
High Wall Classic (26" Barrel)	.22 Long Rifle	3.46 kg	1 Internal	\$370
High Wall Classic (28" Barrel)	.22 Long Rifle	3.5 kg	1 Internal	\$390

High Wall Classic (26" Barrel)	.22 Hornet	3.94 kg	1 Internal	\$402
High Wall Classic (28" Barrel)	.22 Hornet	3.99 kg	1 Internal	\$423
High Wall Classic (26" Barrel)	.218 Bee	3.93 kg	1 Internal	\$401
High Wall Classic (28" Barrel)	.218 Bee	3.98 kg	1 Internal	\$422
High Wall Classic (26" Barrel)	.219 Donaldson Wasp	4.05 kg	1 Internal	\$410
High Wall Classic (28" Barrel)	.219 Donaldson Wasp	4.1 kg	1 Internal	\$431
High Wall Classic (26" Barrel)	.219 Zipper	4.13 kg	1 Internal	\$416
High Wall Classic (28" Barrel)	.219 Zipper	4.18 kg	1 Internal	\$437
High Wall Classic (26" Barrel)	.225 Winchester	4.13 kg	1 Internal	\$416
High Wall Classic (28" Barrel)	.225 Winchester	4.18 kg	1 Internal	\$437
High Wall Classic (26" Barrel)	.25-20 Winchester	4.07 kg	1 Internal	\$411
High Wall Classic (28" Barrel)	.25-20 Winchester	4.12 kg	1 Internal	\$432
High Wall Classic (26" Barrel)	.222 Remington	4.05 kg	1 Internal	\$410
High Wall Classic (28" Barrel)	.222 Remington	4.1 kg	1 Internal	\$431
High Wall Classic (26" Barrel)	.222 Remington Magnum	4.1 kg	1 Internal	\$414
High Wall Classic (28" Barrel)	.222 Remington Magnum	4.15 kg	1 Internal	\$435
High Wall Classic (26" Barrel)	5.56mm NATO	4.07 kg	1 Internal	\$412
High Wall Classic (28" Barrel)	5.56mm NATO	4.12 kg	1 Internal	\$433
High Wall Classic (26" Barrel)	.22-250 Remington	4.12 kg	1 Internal	\$416
High Wall Classic (28" Barrel)	.22-250 Remington	4.17 kg	1 Internal	\$436
High Wall Classic (26" Barrel)	.220 Swift	4.22 kg	1 Internal	\$423
High Wall Classic (28" Barrel)	.220 Swift	4.27 kg	1 Internal	\$444
High Wall Classic (26" Barrel)	.243 Winchester	4.29 kg	1 Internal	\$429
High Wall Classic (28" Barrel)	.243 Winchester	4.34 kg	1 Internal	\$449
High Wall Classic (26" Barrel)	6mm Remington	4.36 kg	1 Internal	\$434
High Wall Classic (28" Barrel)	6mm Remington	4.41 kg	1 Internal	\$455
High Wall Classic (26" Barrel)	.256 Winchester Magnum	4.08 kg	1 Internal	\$411
High Wall Classic (28" Barrel)	.256 Winchester Magnum	4.13 kg	1 Internal	\$431
High Wall Classic (26" Barrel)	.250 Savage	4.35 kg	1 Internal	\$431
High Wall Classic (28" Barrel)	.250 Savage	4.4 kg	1 Internal	\$452
High Wall Classic (26" Barrel)	.25 Krag	4.49 kg	1 Internal	\$442
High Wall Classic (28" Barrel)	.25 Krag	4.54 kg	1 Internal	\$463
High Wall Classic (26" Barrel)	.257 Roberts	4.49 kg	1 Internal	\$442
High Wall Classic (28" Barrel)	.257 Roberts	4.54 kg	1 Internal	\$463
High Wall Classic (26" Barrel)	6.5mm Swedish	4.51 kg	1 Internal	\$444
High Wall Classic (28" Barrel)	6.5mm Swedish	4.56 kg	1 Internal	\$465
High Wall Classic (26" Barrel)	6.5mm-06 Wildcat	4.65 kg	1 Internal	\$456
High Wall Classic (28" Barrel)	6.5mm-06 Wildcat	4.7 kg	1 Internal	\$477
High Wall Classic (26" Barrel)	6.5mm-06 Ackley Improved	4.65 kg	1 Internal	\$456
High Wall Classic (28" Barrel)	6.5mm-06 Ackley Improved	4.7 kg	1 Internal	\$477
High Wall Classic (26" Barrel)	7.5mm Swiss	4.84 kg	1 Internal	\$472
High Wall Classic (28" Barrel)	7.5mm Swiss	4.89 kg	1 Internal	\$493
High Wall Classic (26" Barrel)	.300 Savage	4.67 kg	1 Internal	\$458
High Wall Classic (28" Barrel)	.300 Savage	4.72 kg	1 Internal	\$478
High Wall Classic (26" Barrel)	.30-30 Winchester	4.76 kg	1 Internal	\$465
High Wall Classic (28" Barrel)	.30-30 Winchester	4.81 kg	1 Internal	\$486
High Wall Classic (26" Barrel)	.30-40 Krag	4.91 kg	1 Internal	\$479
High Wall Classic (28" Barrel)	.30-40 Krag	4.96 kg	1 Internal	\$500
High Wall Classic (26" Barrel)	.30-06 Springfield	5 kg	1 Internal	\$488
High Wall Classic (28" Barrel)	.30-06 Springfield	5.05 kg	1 Internal	\$508
High Wall Classic (26" Barrel)	.303 British	4.88 kg	1 Internal	\$476
High Wall Classic (28" Barrel)	.303 British	4.93 kg	1 Internal	\$497
High Wall Helm	.22 Long Rifle	5.22 kg	1 Internal	\$398
High Wall Helm	.25-20 Winchester	6.11 kg	1 Internal	\$439
High Wall Helm	.25-35 Winchester	6.56 kg	1 Internal	\$464
High Wall Helm	.32-40 Winchester	7.3 kg	1 Internal	\$507
High Wall Helm	.38-50 Ballard	6.03 kg	1 Internal	\$426
High Wall Helm	.40-50 Sharps Straight	6.08 kg	1 Internal	\$429
High Wall Helm	.40-60 Maynard	6.46 kg	1 Internal	\$448



Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
High Wall Express (26", 6.5mm Swedish)	SS	4	2-3-Nil	6	4	Nil	82
High Wall Express (28", 6.5mm Swedish)	SS	4	2-3-Nil	7	4	Nil	89
High Wall Express (26", 6.5mm-06 Ackley)	SS	5	1-2-3	6	4	Nil	85
High Wall Express (28", 6.5mm-06 Ackley)	SS	5	1-2-3	7	4	Nil	95
High Wall Express (26", 7.5mm Swiss)	SS	4	2-3-Nil	7	4	Nil	94
High Wall Express (28", 7.5mm Swiss)	SS	4	2-3-Nil	7	4	Nil	102
High Wall Express (26", .300 Savage)	SS	4	2-3-Nil	7	4	Nil	89
High Wall Express (28", .300 Savage)	SS	4	2-3-Nil	7	4	Nil	97
High Wall Express (26", .30-30 Winchester)	SS	4	2-3-Nil	7	4	Nil	93
High Wall Express (28", .30-30 Winchester)	SS	4	2-3-Nil	7	4	Nil	100
High Wall Express (26", .30-40 Krag)	SS	4	2-3-Nil	7	4	Nil	89
High Wall Express (28", .30-40 Krag)	SS	4	2-3-Nil	7	4	Nil	99
High Wall Express (26", .30-06 Springfield)	SS	4	2-3-Nil	7	4	Nil	83
High Wall Express (28", .30-06 Springfield)	SS	5	2-3-Nil	7	4	Nil	92
High Wall Express (26", .303 British)	SS	4	2-3-Nil	7	4	Nil	94
High Wall Express (28", .303 British)	SS	4	2-3-Nil	7	4	Nil	103
High Wall Express (26", 9.3x74Rmm)	SS	7	1-3-5	7	5	Nil	100
High Wall Express (28", 9.3x74Rmm)	SS	7	1-3-5	7	5	Nil	112
High Wall Express (26", .348 Winchester)	SS	5	2-4-Nil	7	4	Nil	95
High Wall Express (28", .348 Winchester)	SS	5	2-4-Nil	7	4	Nil	106
High Wall Express (26", .356 Winchester)	SS	5	2-4-Nil	7	4	Nil	93
High Wall Express (28", .356 Winchester)	SS	5	2-4-Nil	7	5	Nil	100
High Wall Express (26", .35 Winchester)	SS	5	2-4-Nil	7	4	Nil	96
High Wall Express (28", .35 Winchester)	SS	5	2-4-Nil	7	5	Nil	106
High Wall Express (26", .358 Winchester)	SS	5	2-4-Nil	7	4	Nil	92
High Wall Express (28", .358 Winchester)	SS	5	2-4-Nil	7	5	Nil	100
High Wall Express (26", .35 Whelan)	SS	6	1-3-Nil	7	4	Nil	115
High Wall Express (28", .35 Whelan)	SS	6	1-3-Nil	7	4	Nil	128
High Wall Express (26", .350 Rigby)	SS	6	1-3-Nil	7	4	Nil	105
High Wall Express (28", .350 Rigby)	SS	6	1-3-Nil	7	4	Nil	117
High Wall Express (26", .375 Whelan)	SS	6	1-3-Nil	7	5	Nil	115
High Wall Express (28", .375 Whelan)	SS	7	1-3-5	7	5	Nil	128
High Wall Express (26", .375 H&H Magnum)	SS	7	1-3-5	7	5	Nil	106
High Wall Express (28", .375 H&H Magnum)	SS	7	1-3-5	7	5	Nil	118
High Wall Express (26", .405 Winchester)	SS	5	1-2-Nil	6	3	Nil	115
High Wall Express (28", .405 Winchester)	SS	5	1-2-3	7	3	Nil	128
High Wall Express (26", .45-70 Government)	SS	4	2-3-Nil	6	3	Nil	95
High Wall Express (28", .45-70 Government)	SS	4	2-3-Nil	7	3	Nil	102
High Wall Express (26", .400 Jeffery)	SS	7	1-3-5	7	5	Nil	110
High Wall Express (28", .400 Jeffery)	SS	7	1-3-5	8	5	Nil	123
High Wall Express (26", .400-450 NE 2 3/8")	SS	7	1-3-5	7	5	Nil	115
High Wall Express (28", .400-450 NE 2 3/8")	SS	7	1-3-5	7	5	Nil	128
High Wall Express (26", .400-450 NE 3 1/4")	SS	7	1-3-5	7	5	Nil	120
High Wall Express (28", .400-450 NE 3 1/4")	SS	7	1-3-5	8	5	Nil	135
High Wall Express (26", .50-110 Sharps)	SS	6	1-2-3	7	4	Nil	115
High Wall Express (28", .50-110 Sharps)	SS	6	1-3-Nil	7	4	Nil	128
High Wall Express (26", .500 Nitro Express)	SS	6	1-2-3	7	4	Nil	115
High Wall Express (28", .500 Nitro Express)	SS	6	1-3-Nil	7	4	Nil	128
High Wall Express (26", .577 Nitro Express)	SS	6	1-3-Nil	7	5	Nil	115
High Wall Express (28", .577 Nitro Express)	SS	6	1-3-Nil	7	5	Nil	128
High Wall Classic (26", .17 Hornady)	SS	2	1-Nil	6	1	Nil	72
High Wall Classic (28", .17 Hornady)	SS	2	1-Nil	6	1	Nil	78
High Wall Classic (26", .22 Long Rifle)	SS	1	Nil	6	1	Nil	53
High Wall Classic (28", .22 Long Rifle)	SS	1	Nil	6	1	Nil	57
High Wall Classic (26", .22 Hornet)	SS	3	1-Nil	6	2	Nil	79
High Wall Classic (28", .22 Hornet)	SS	3	1-Nil	7	2	Nil	86



High Wall Classic (26", .218 Bee)	SS	3	1-Nil	6	2	Nil	78
High Wall Classic (28", .218 Bee)	SS	3	1-Nil	7	2	Nil	85
High Wall Classic (26", .219 Don Wasp)	SS	3	1-Nil	6	2	Nil	94
High Wall Classic (28", .219 Don Wasp)	SS	3	2-Nil	7	2	Nil	102
High Wall Classic (26", .219 Zipper)	SS	3	2-Nil	6	2	Nil	88
High Wall Classic (28", .219 Zipper)	SS	3	2-Nil	7	2	Nil	95
High Wall Classic (26", .225 Winchester)	SS	3	2-Nil	6	2	Nil	74
High Wall Classic (28", .225 Winchester)	SS	3	2-Nil	7	2	Nil	80
High Wall Classic (26", .25-20 Winchester)	SS	3	2-Nil	6	2	Nil	78
High Wall Classic (28", .25-20 Winchester)	SS	3	2-Nil	7	2	Nil	85
High Wall Classic (26", .222 Remington)	SS	3	1-Nil	6	2	Nil	79
High Wall Classic (28", .222 Remington)	SS	3	2-Nil	7	2	Nil	86
High Wall Classic (26", .222 Remington Mag)	SS	3	1-2-Nil	6	2	Nil	91
High Wall Classic (28", .222 Remington Mag)	SS	3	1-2-Nil	7	2	Nil	98
High Wall Classic (26", 5.56mm NATO)	SS	3	2-Nil	6	2	Nil	78
High Wall Classic (28", 5.56mm NATO)	SS	3	2-Nil	7	2	Nil	84
High Wall Classic (26", .22-250 Remington)	SS	3	2-Nil	6	2	Nil	74
High Wall Classic (28", .22-250 Remington)	SS	3	2-Nil	7	2	Nil	80
High Wall Classic (26", .220 Swift)	SS	3	1-2-Nil	6	2	Nil	81
High Wall Classic (28", .220 Swift)	SS	3	1-2-Nil	7	2	Nil	89
High Wall Classic (26", .243 Winchester)	SS	3	2-Nil	6	3	Nil	78
High Wall Classic (28", .243 Winchester)	SS	3	2-Nil	7	3	Nil	84
High Wall Classic (26", 6mm Remington)	SS	3	2-Nil	6	3	Nil	73
High Wall Classic (28", 6mm Remington)	SS	3	2-Nil	7	3	Nil	80
High Wall Classic (26", .256 Winchester Mag)	SS	3	1-2-Nil	6	2	Nil	92
High Wall Classic (28", .256 Winchester Mag)	SS	3	1-2-Nil	7	2	Nil	101
High Wall Classic (26", .250 Savage)	SS	3	2-Nil	6	3	Nil	85
High Wall Classic (28", .250 Savage)	SS	4	2-Nil	7	3	Nil	92
High Wall Classic (26", .25 Krag)	SS	4	1-2-Nil	7	3	Nil	92
High Wall Classic (28", .25 Krag)	SS	4	1-2-3	7	3	Nil	101
High Wall Classic (26", .257 Roberts)	SS	4	2-Nil	7	3	Nil	77
High Wall Classic (28", .257 Roberts)	SS	4	2-3-Nil	7	3	Nil	85
High Wall Classic (26", 6.5mm Swedish)	SS	4	2-3-Nil	7	3	Nil	82
High Wall Classic (28", 6.5mm Swedish)	SS	4	2-3-Nil	7	3	Nil	89
High Wall Classic (26", 6.5mm-06 Wildcat)	SS	4	2-3-Nil	7	3	Nil	71
High Wall Classic (28", 6.5mm-06 Wildcat)	SS	4	2-3-Nil	7	3	Nil	79
High Wall Classic (26", 6.5mm-06 Ackley)	SS	4	1-2-3	7	3	Nil	85
High Wall Classic (28", 6.5mm-06 Ackley)	SS	4	1-2-3	7	3	Nil	95
High Wall Classic (26", 7.5mm Swiss)	SS	4	2-3-Nil	7	3	Nil	94
High Wall Classic (28", 7.5mm Swiss)	SS	4	2-3-Nil	7	3	Nil	102
High Wall Classic (26", .300 Savage)	SS	4	2-3-Nil	7	3	Nil	89
High Wall Classic (28", .300 Savage)	SS	4	2-3-Nil	7	3	Nil	97
High Wall Classic (26", .30-30 Winchester)	SS	4	2-3-Nil	7	3	Nil	93
High Wall Classic (28", .30-30 Winchester)	SS	4	2-3-Nil	7	3	Nil	100
High Wall Classic (26", .30-40 Krag)	SS	4	2-3-Nil	7	3	Nil	89
High Wall Classic (28", .30-40 Krag)	SS	4	2-3-Nil	7	3	Nil	99
High Wall Classic (26", .30-06 Springfield)	SS	4	2-3-Nil	7	3	Nil	83
High Wall Classic (28", .30-06 Springfield)	SS	5	2-3-Nil	7	3	Nil	92
High Wall Classic (26", .303 British)	SS	4	2-3-Nil	7	3	Nil	94
High Wall Classic (28", .303 British)	SS	4	2-3-Nil	7	3	Nil	103
High Wall Helm (.22 Long Rifle)	SS	1	Nil	6	1	Nil	58
High Wall Helm (.25-20 Winchester)	SS	3	2-Nil	7	2	Nil	87
High Wall Helm (.25-35 Winchester)	SS	4	2-Nil	7	3	Nil	91
High Wall Helm (.32-40 Winchester)	SS	5	2-3-Nil	7	3	Nil	105
High Wall Helm (.38-50 Ballard)	SS	3	2-Nil	7	2	Nil	102
High Wall Helm (.40-50 Sharps Straight)	SS	3	2-Nil	7	2	Nil	99
High Wall Helm (.40-60 Maynard)	SS	4	2-3-Nil	7	3	Nil	111

Charles Daly Express Rifle

Notes: These are over-and-under rifles which come in two models, the Superior Express and Empire Express. They both fire the same round, and are of similar design, but the Empire Express weighs slightly more due to its deluxe construction and adornment. Both have a folding rear leaf sight on the barrel rib, and a ramp front sight. The barrel rib is also drilled and tapped for a telescopic sight. These rifles both have automatic ejectors. They have single triggers; the bottom barrel fires first, followed by the top barrel upon a second pull of the trigger. The Empire Express has a recoil pad on the butt, while the Superior Express does not.

Twilight 2000 Notes: These are very rare rifles in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Superior Express	.30-06 Springfield	3.5 kg	2 Internal	\$743
Empire Express	.30-06 Springfield	3.6 kg	2 Internal	\$818

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Superior Express	SA	4	2-3-Nil	6	5	Nil	70
Empire Express	SA	4	2-3-Nil	6	4	Nil	70

Charles Daly Little Sharps

Notes: The Little Sharps is a replica of the 1887 Sharps rifle – sort of. The action is 80% of the size of that of the 1887 Sharps, but the barrel is still blued and the rest of the external metalwork color case-hardened. The stock is medium-colored, well-grained and attractive walnut. The Little Sharps is drilled and tapped for replicas of Old West-type scopes, particularly the William Malcolm replica scope (which Charles Daly also sells). The Little Sharps, however, is chambered for several modern cartridges. In addition, a folding adjustable tang sight and blade front sight are supplied. The barrel is a heavy octagonal barrel that 26 inches long, except for the .17 Hornady Magnum Rimfire, .22 Long Rifle and .22 Winchester Magnum Rimfire versions, which have 24-inch barrels.

Weapon	Ammunition	Weight	Magazines	Price
Little Sharps	.17 Hornady Magnum Rimfire	2.77 kg	1 Internal	\$291
Little Sharps	.22 Long Rifle	2.72 kg	1 Internal	\$279
Little Sharps	.22 Winchester Magnum Rimfire	2.72 kg	1 Internal	\$281
Little Sharps	.218 Bee	2.72 kg	1 Internal	\$331
Little Sharps	.22 Hornet	2.72 kg	1 Internal	\$332
Little Sharps	.30-30 Winchester	2.68 kg	1 Internal	\$395
Little Sharps	.357 Magnum	2.59 kg	1 Internal	\$315
Little Sharps	.38-55 Ballard	2.54 kg	1 Internal	\$330
Little Sharps	.44-40 Winchester	2.45 kg	1 Internal	\$323
Little Sharps	.45 Long Colt	2.36 kg	1 Internal	\$326

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Little Sharps (.17)	SS	2	1-Nil	7	2	Nil	78
Little Sharps (.22 Long Rifle)	SS	1	Nil	7	1	Nil	49
Little Sharps (.22 Magnum)	SS	1	Nil	7	1	Nil	65
Little Sharps (.218 Bee)	SS	3	1-Nil	7	3	Nil	78
Little Sharps (.22 Hornet)	SS	3	1-Nil	7	3	Nil	79
Little Sharps (.30-30)	SS	4	2-3-Nil	7	6	Nil	93
Little Sharps (.357)	SS	3	1-Nil	7	3	Nil	92
Little Sharps (.38-55)	SS	3	2-Nil	7	4	Nil	95
Little Sharps (.44-40)	SS	3	1-Nil	7	4	Nil	77
Little Sharps (.45)	SS	3	1-Nil	7	4	Nil	92

Chipmunk

Notes: Originally built directly by Chipmunk Manufacturing, the Chipmunk is currently manufactured and sold by Oregon Arms. The Chipmunk is a short single-shot rifle often given to children as a first rifle, and designed for beginners. The weapon has a very short 16.1-inch lightweight barrel, and uses a walnut stock (of a lower grade) with a hand-rubbed oil finish and a Monte Carlo comb. They have rebounding firing pins to inhibit accidental discharge. The Chipmunk, despite being designed for children, is drilled and tapped for a scope mount as well as having a fully adjustable peep rear sight.

Weapon	Ammunition	Weight	Magazines	Price
Chipmunk	.22 Short, .22 Long, and .22 Long Rifle	1.13 kg	1 Internal	\$198
Chipmunk	.22 Winchester Magnum Rimfire	1.13 kg	1 Internal	\$200

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
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<b>Chipmunk (.22 Short)</b>	SS	-1	Nil	4	1	Nil	27
<b>Chipmunk (.22 Long)</b>	SS	1	Nil	4	1	Nil	31
<b>Chipmunk (.22 Long Rifle)</b>	SS	1	Nil	4	2	Nil	33
<b>Chipmunk (.22 Magnum)</b>	SS	1	Nil	4	3	Nil	41

### **Cimarron 1874 Sharps Sporting Blue**

Notes: This is one of those reproductions of Old West rifles that have become common throughout the latter part of the 20<sup>th</sup> and early 21<sup>st</sup> centuries. It is a faithful reproduction of the 1874 Sharps Buffalo Rifle. It is a hard-hitting, accurate weapon with an adjustable ladder-type rear sight and a silver-bladed front sight. The rifle is not known for its rate of fire; like the original, it is a lever-action breech-loading single-shot weapon designed for accuracy and not speed, not unlike modern sniping and long-range hunting rifles.

In the movie *Quigley Down Under*, the character of Matthew Quigley (played by Tom Selleck) used a special version of this rifle, using an extra four inches of barrel and firing the .45-110 cartridge. The movie is well-worth watching, and the rifle is on its own line below.

<b>Weapon</b>	<b>Ammunition</b>	<b>Weight</b>	<b>Magazines</b>	<b>Price</b>
<b>Cimarron 1874 Sharps</b>	.45-70 Government	5.51 kg	1 Internal	\$380
<b>Cimarron 1874 Sharps</b>	.45-90 Sharps	5.5 kg	1 Internal	\$380
<b>Cimarron 1874 Sharps</b>	.45-110 Sharps	5.81 kg	1 Internal	\$395
<b>Cimarron 1874 Sharps</b>	.45-120 Sharps	6.04 kg	1 Internal	\$407
<b>Cimarron 1874 Sharps</b>	.50-70 Maynard	5.63 kg	1 Internal	\$386
<b>Quigley Special 1874 Sharps</b>	.45-110 Sharps	6.01 kg	1 Internal	\$436

<b>Weapon</b>	<b>ROF</b>	<b>Damage</b>	<b>Pen</b>	<b>Bulk</b>	<b>SS</b>	<b>Burst</b>	<b>Range</b>
<b>Cimarron 1874 Sharps (.45-70)</b>	SS	4	2-3-Nil	7	4	Nil	107
<b>Cimarron 1874 Sharps (.45-90)</b>	SS	4	2-3-Nil	7	4	Nil	107
<b>Cimarron 1874 Sharps (.45-110)</b>	SS	4	2-3-Nil	7	4	Nil	114
<b>Cimarron 1874 Sharps (.45-120)</b>	SS	4	2-3-Nil	7	4	Nil	113
<b>Cimarron 1874 Sharps (.50-70)</b>	SS	4	2-3-Nil	7	4	Nil	102
<b>Quigley Special 1874 Sharps</b>	SS	4	2-3-Nil	8	4	Nil	137

### **Colt Colteer Bolt-Action**

Notes: This pre-dates the Colteer Semiautomatic by about 10 years, going back to 1957, and being produced until 1966. It is a simple single-shot rimfire rifle with either a 20-inch or 22-inch barrel, and it can fire .22 Short, .22 Long, and .22 Long Rifle ammunition interchangeably.

<b>Weapon</b>	<b>Ammunition</b>	<b>Weight</b>	<b>Magazines</b>	<b>Price</b>
<b>Colteer (20-Inch Barrel)</b>	.22 Short, .22 Long, and .22 Long Rifle	2.27 kg	1 Internal	\$249
<b>Colteer (22-Inch Barrel)</b>	.22 Short, .22 Long, and .22 Long Rifle	2.36 kg	1 Internal	\$269

<b>Weapon</b>	<b>ROF</b>	<b>Damage</b>	<b>Pen</b>	<b>Bulk</b>	<b>SS</b>	<b>Burst</b>	<b>Range</b>
<b>Colteer (20", .22 Short)</b>	SS	-2	Nil	5	1	Nil	37
<b>Colteer (20" .22 Long)</b>	SS	1	Nil	5	1	Nil	41
<b>Colteer (20" .22 Long Rifle)</b>	SS	1	Nil	5	1	Nil	45
<b>Colteer (22", .22 Short)</b>	SS	-2	Nil	5	1	Nil	40
<b>Colteer (22", .22 Long)</b>	SS	1	Nil	5	1	Nil	45
<b>Colteer (22", .22 Long Rifle)</b>	SS	1	Nil	5	1	Nil	49

### **Dakota 10**

Notes: One of the best single-shot rifles made in the US, the Dakota Model 10 is not only good-looking, it is a very accurate rifle. The metalwork is machined from pre-hardened billets of steel, with the rear of the receiver and the face of the breech block being solid walls of steel with no cuts or holes from which gases may escape. Trigger pull is crisp and even and the lock time is short. The Dakota 10 is equipped with a tang safety and positive extractor which allows for the use of rimmed and rimless ammunition. The action is falling block. The stock is of the straight-line variety, made from Grade XX fancy walnut and oil-finished, as well as hand-rubbed to a highly-polished finish. The butt has a recoil pad an inch thick. The weapon is drilled and tapped for a scope mount as well as having adjustable iron sights. The Dakota Model 10 is available in a bewildering variety of chamberings.

The gunsmith Don Allen created a special, one-off version of the Dakota 10 in 2011, calling it the American Custom Gunmakers No 20. This is for the most part a deluxe version of the Dakota 10, with intricate scrollwork done on *faux* sideplates patterned on the best English sidelock rifles. The Dall and bighorn rams engraved on the sideplates are inlaid with 24-karat gold. The buttplate has a Stone Sheep Ram engraved on it, but there is no rubber recoil pad. The front sight is a banded ramp and the rear sight is a quarter-rib 9sight

in the express position, and the no 20 is equipped with a top tang safety. The stock is of California-grown English walnut, impeccably oil-finished and grained, and *fleur de lis*-style 24 lpi checkering on the pistol grip wrist and most of the fore-end. The trigger guard has an extended trigger bow. The barrel is finished in rust blue and any other metalwork is finished in French gray. Obviously, such a work of art would in fact fetch an astronomical real-world price, but for game purposes, it is treated like any other .280 Remington-chambered Dakota 10. These limited edition rifles are part of the special projects done by ACG every year and are raffled off for the cost of a \$20 ticket.

Weapon	Ammunition	Weight	Magazines	Price
Dakota 10	.17 Mach 2 Rimfire	2.72 kg	1 Internal	\$346
Dakota 10	.17 Hornady Magnum Rimfire	2.98 kg	1 Internal	\$351
Dakota 10	.17 Remington	3.12 kg	1 Internal	\$362
Dakota 10	.22 Long Rifle	2.84 kg	1 Internal	\$338
Dakota 10	.22 Winchester Magnum Rimfire	2.87 kg	1 Internal	\$341
Dakota 10	.22 Hornet	3.22 kg	1 Internal	\$371
Dakota 10	.222 Remington	3.25 kg	1 Internal	\$379
Dakota 10	5.56mm NATO	3.27 kg	1 Internal	\$380
Dakota 10	.22-250 Remington	3.31 kg	1 Internal	\$384
Dakota 10	.220 Swift	3.39 kg	1 Internal	\$392
Dakota 10	.243 Winchester	3.44 kg	1 Internal	\$397
Dakota 10	6mm Remington	3.5 kg	1 Internal	\$403
Dakota 10	.250 Savage	3.47 kg	1 Internal	\$400
Dakota 10	.257 Roberts	3.58 kg	1 Internal	\$411
Dakota 10	.25-06 Remington	3.67 kg	1 Internal	\$420
Dakota 10	6.5mm Swedish	3.6 kg	1 Internal	\$412
Dakota 10	6.5-08 A-Square	3.72 kg	1 Internal	\$425
Dakota 10	.270 Winchester	3.82 kg	1 Internal	\$435
Dakota 10	.280 Remington	3.87 kg	1 Internal	\$440
Dakota 10	7mm-08 Remington	3.68 kg	1 Internal	\$420
Dakota 10	7-30 Waters	3.68 kg	1 Internal	\$420
Dakota 10	7mm Mauser	3.76 kg	1 Internal	\$427
Dakota 10	7mm Remington Magnum	3.86 kg	1 Internal	\$439
Dakota 10	7.62mm NATO	3.81 kg	1 Internal	\$433
Dakota 10	.30-30 Winchester	3.82 kg	1 Internal	\$434
Dakota 10	.30-40 Krag	3.95 kg	1 Internal	\$448
Dakota 10	.30-06 Springfield	4.03 kg	1 Internal	\$456
Dakota 10	.300 H&H Magnum	4.45 kg	1 Internal	\$953
Dakota 10	.300 Winchester Magnum	4.36 kg	1 Internal	\$942
Dakota 10	.358 Winchester	4.4 kg	1 Internal	\$947
Dakota 10	.38-55 Ballard	4.6 kg	1 Internal	\$971
Dakota 10	.404 Dakota Magnum	5.44 kg	1 Internal	\$1077
Dakota 10	.44-40 Winchester	3.34 kg	1 Internal	\$362

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Dakota 10 (.17 Mach 2)	SS	2	1-Nil	5	1	Nil	53
Dakota 10 (.17 HMR)	SS	2	1-Nil	6	1	Nil	62
Dakota 10 (.17 Remington)	SS	2	1-Nil	6	2	Nil	52
Dakota 10 (.22 Long Rifle)	SS	1	Nil	5	1	Nil	47
Dakota 10 (.22 Magnum)	SS	1	Nil	5	1	Nil	62
Dakota 10 (.22 Hornet)	SS	3	1-Nil	6	3	Nil	69
Dakota 10 (.222)	SS	3	1-Nil	6	3	Nil	69
Dakota 10 (5.56mm)	SS	3	1-Nil	6	3	Nil	68
Dakota 10 (.22-250)	SS	3	1-Nil	6	3	Nil	65
Dakota 10 (.220)	SS	3	2-Nil	6	3	Nil	57
Dakota 10 (.243)	SS	3	2-Nil	6	3	Nil	66
Dakota 10 (6mm)	SS	3	2-Nil	6	3	Nil	61
Dakota 10 (.250)	SS	3	2-Nil	6	4	Nil	74
Dakota 10 (.257)	SS	4	2-Nil	6	4	Nil	64
Dakota 10 (.25-06)	SS	4	2-Nil	6	4	Nil	58
Dakota 10 (6.5mm Swedish)	SS	4	2-Nil	6	4	Nil	68
Dakota 10 (6.5-08)	SS	4	2-3-Nil	6	4	Nil	59

Dakota 10 (.270)	SS	4	2-3-Nil	6	4	Nil	61
Dakota 10 (.280)	SS	4	2-3-Nil	6	4	Nil	62
Dakota 10 (7mm-08)	SS	4	2-3-Nil	6	4	Nil	77
Dakota 10 (7-30)	SS	4	2-3-Nil	6	4	Nil	77
Dakota 10 (7mm Mauser)	SS	4	2-3-Nil	6	4	Nil	71
Dakota 10 (7mm Magnum)	SS	4	1-2-3	6	4	Nil	76
Dakota 10 (7.62mm)	SS	4	2-3-Nil	6	4	Nil	79
Dakota 10 (.30-30)	SS	4	2-3-Nil	6	4	Nil	79
Dakota 10 (.30-40)	SS	4	2-3-Nil	6	4	Nil	74
Dakota 10 (.30-06)	SS	4	2-3-Nil	6	4	Nil	69
Dakota 10 (.300 H&H)	SS	5	1-2-3	6	4	Nil	86
Dakota 10 (.300 Win Magnum)	SS	5	2-3-Nil	6	4	Nil	79
Dakota 10 (.358)	SS	5	2-4-Nil	6	5	Nil	79
Dakota 10 (.38-55)	SS	5	2-4-Nil	6	5	Nil	79
Dakota 10 (.404)	SS	7	1-3-5	7	5	Nil	95
Dakota 10 (.44-40)	SS	3	1-Nil	6	3	Nil	68

Dakota Serious Predator

Notes: Despite the dramatic-sounding name, the Serious Predator is basically a single-shot varmint/small game rifle. The barrel is match-quality and heavy, with a crowned muzzle and pillar bedding; 22-inch and 24-inch barrels are available. The trigger and action are designed to move with extreme smoothness, with the trigger operating as less than two pounds of pressure. Accuracy is sniper rifle-like. The Serious Predator is designed for some standard calibers, some not-so-common ones, and some downright exotic wildcat rounds. Other than this, there are two broad versions of the Serious Predator: the Classic, with a select walnut stock, and the All-Weather, with fiberglass/carbon-fiber stock.

Twilight 2000 Notes: The Serious Predator is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Serious Predator (22" Barrel)	.17 Vartag	3.57 kg	1 Internal	\$380
Serious Predator (24" Barrel)	.17 Vartag	3.63 kg	1 Internal	\$402
Serious Predator (22" Barrel)	.17 Tactical	3.65 kg	1 Internal	\$412
Serious Predator (24" Barrel)	.17 Tactical	3.71 kg	1 Internal	\$434
Serious Predator (22" Barrel)	.17 Remington	3.67 kg	1 Internal	\$419
Serious Predator (24" Barrel)	.17 Remington	3.73 kg	1 Internal	\$440
Serious Predator (22" Barrel)	.20 Vartag	3.69 kg	1 Internal	\$428
Serious Predator (24" Barrel)	.20 Vartag	3.75 kg	1 Internal	\$450
Serious Predator (22" Barrel)	.20 Tactical	3.8 kg	1 Internal	\$473
Serious Predator (24" Barrel)	.20 Tactical	3.86 kg	1 Internal	\$494
Serious Predator (22" Barrel)	.20 PPC	3.73 kg	1 Internal	\$443
Serious Predator (24" Barrel)	.20 PPC	3.79 kg	1 Internal	\$464
Serious Predator (22" Barrel)	.204 Ruger	3.85 kg	1 Internal	\$492
Serious Predator (24" Barrel)	.204 Ruger	3.91 kg	1 Internal	\$513
Serious Predator (22" Barrel)	.222 Remington	3.92 kg	1 Internal	\$519
Serious Predator (24" Barrel)	.222 Remington	3.98 kg	1 Internal	\$540
Serious Predator (22" Barrel)	5.56mm NATO	3.92 kg	1 Internal	\$528
Serious Predator (24" Barrel)	5.56mm NATO	3.99 kg	1 Internal	\$549
Serious Predator (22" Barrel)	.222 Remington Magnum	3.98 kg	1 Internal	\$542
Serious Predator (24" Barrel)	.222 Remington Magnum	4.04 kg	1 Internal	\$563
Serious Predator (22" Barrel)	6mm PPC	3.95 kg	1 Internal	\$528
Serious Predator (24" Barrel)	6mm PPC	4.01 kg	1 Internal	\$550
Serious Predator (22" Barrel)	6.5mm Grendel	4.19 kg	1 Internal	\$580
Serious Predator (24" Barrel)	6.5mm Grendel	4.25 kg	1 Internal	\$601

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Serious Predator (22", .17 Vartag)	SS	2	1-Nil	6	1	Nil	63
Serious Predator (24", .17 Vartag)	SS	2	1-Nil	6	2	Nil	70
Serious Predator (22", .17 Tactical)	SS	2	1-Nil	6	2	Nil	59
Serious Predator (24", .17 Tactical)	SS	2	1-Nil	6	2	Nil	61
Serious Predator (22", .17 Remington)	SS	2	1-Nil	6	2	Nil	56
Serious Predator (24", .17 Remington)	SS	2	1-Nil	6	2	Nil	61
Serious Predator (22", .20 Vartag)	SS	2	1-Nil	6	2	Nil	74

Serious Predator (24", .20 Vartag)	SS	2	1-Nil	6	2	Nil	82
Serious Predator (22", .20 Tactical)	SS	3	1-Nil	6	3	Nil	66
Serious Predator (24", .20 Tactical)	SS	3	1-Nil	6	3	Nil	72
Serious Predator (22", .20 PPC)	SS	2	1-Nil	6	2	Nil	71
Serious Predator (24", .20 PPC)	SS	3	1-Nil	6	3	Nil	78
Serious Predator (22", .204)	SS	3	1-Nil	6	3	Nil	66
Serious Predator (24", .204)	SS	3	1-Nil	6	3	Nil	72
Serious Predator (22", .222)	SS	3	1-Nil	6	3	Nil	75
Serious Predator (24", .222)	SS	3	1-Nil	6	3	Nil	82
Serious Predator (22", 5.56mm)	SS	3	1-Nil	6	3	Nil	74
Serious Predator (24", 5.56mm)	SS	3	1-Nil	6	3	Nil	80
Serious Predator (22", .222 Rem)	SS	3	1-1-Nil	6	3	Nil	86
Serious Predator (24", .222 Rem)	SS	3	1-1-Nil	6	3	Nil	94
Serious Predator (22", 6mm)	SS	3	2-Nil	6	3	Nil	77
Serious Predator (24", 6mm)	SS	3	2-Nil	6	3	Nil	84
Serious Predator (22", 6.5mm)	SS	3	1-2-Nil	6	3	Nil	77
Serious Predator (24", 6.5mm)	SS	3	1-2-Nil	6	4	Nil	84

Dixie Gun Works “John Bodine” Rolling Block

Notes: This is a latter-day replica of the Remington Rolling Block which John Bodine made famous in shooting matches in England the 1870s. The Dixie Gun Works version is a faithful replica, with a heavy, slightly-tapered octagonal barrel, oiled walnut stock, an adjustable Vernier tang rear sight, blued, case-hardened receiver. This is a faithful replica, but it is also a big, heavy beast.

Weapon	Ammunition	Weight	Magazines	Price
“John Bodine” Rolling Block	.45-70 Government	6.12 kg	1 Internal	

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
“John Bodine” Rolling Block	SS	4	2-3-Nil	8	3	Nil	122



Ed Brown Varmint

Notes: This is a small-caliber varmint rifle built to the standards of Ed Brown’s other custom rifles. It has a standard-format pistol grip wrist synthetic stock, with a 1-inch thick Pachmayr recoil pad. It is otherwise similar to other such Ed Brown Custom rifles, and especially the Damara, except for the weight and caliber, the lack of a magazine, and that the barrel is heavier than most Ed Brown designs.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Varmint	.22-250 Remington	4.08 kg	1 Internal	\$659

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Varmint	SS	3	2-Nil	6	2	Nil	77

Harrington & Richardson Model 158 Topper Jet

Notes: This is a single-barrel break-open rifle chambered for largely pistol cartridges. The weapon has the strength to fire wildcat rounds if necessary, with a case-hardened receiver and chamber. The Model 155 is a variant that comes in .44 Magnum or .45-70 Government, and either 24" or 28" barrels. The Model 157 is a variant that comes in .22 Winchester Magnum Rimfire, .22 Hornet, or .30-30 Winchester versions. The Model 158C is further strengthened and comes in .22 Hornet, .30-30 Winchester, .357 Magnum, .357 Maximum, or .44 Magnum versions. All have recoil pads on the butt.

Weapon	Ammunition	Weight	Magazines	Price
Model 158	.22 Remington Jet	2.95 kg	1 Internal	\$352
Model 155 (24" Barrel)	.44 Magnum	2.94 kg	1 Internal	\$366
Model 155 (28" Barrel)	.44 Magnum	3.05 kg	1 Internal	\$407
Model 155 (24" Barrel)	.45-70 Government	3.19 kg	1 Internal	\$389
Model 155 (28" Barrel)	.45-70 Government	3.29 kg	1 Internal	\$430
Model 157	.22 Winchester Magnum Rimfire	2.71 kg	1 Internal	\$325
Model 157	.22 Hornet	3.09 kg	1 Internal	\$355
Model 157	.30-30 Winchester	3.8 kg	1 Internal	\$418
Model 158C	.22 Hornet	3.4 kg	1 Internal	\$355
Model 158C	.30-30 Winchester	4.18 kg	1 Internal	\$418
Model 158C	.357 Magnum	3.34 kg	1 Internal	\$338
Model 158C	.357 Maximum	3.4 kg	1 Internal	\$342
Model 158C	.44 Magnum	3.55 kg	1 Internal	\$346

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range

Model 158	SS	3	1-1-Nil	5	3	Nil	74
Model 155 (24", .44)	SS	4	1-Nil	6	3	Nil	68
Model 155 (28", .44)	SS	4	1-1-Nil	6	3	Nil	81
Model 155 (24", .45-70)	SS	4	2-3-Nil	6	4	Nil	82
Model 155 (28", .45-70)	SS	4	2-3-Nil	7	4	Nil	99
Model 157 (.22 Magnum)	SS	1	Nil	5	1	Nil	57
Model 157 (.22 Hornet)	SS	3	1-Nil	6	3	Nil	64
Model 157 (.30-30)	SS	4	2-3-Nil	6	4	Nil	72
Model 158C (.22 Hornet)	SS	3	1-Nil	6	2	Nil	64
Model 158C (.30-30)	SS	4	2-3-Nil	6	3	Nil	72
Model 158C (.357 Magnum)	SS	3	1-Nil	5	2	Nil	62
Model 158C (.357 Maximum)	SS	4	1-1-Nil	5	2	Nil	68
Model 158C (.44)	SS	4	1-Nil	5	2	Nil	62

**Harrington & Richardson Ultra Slug Hunter**

Notes: Though this weapon fires 12 gauge shotgun slugs, it is for all intents and purposes a rifle, since the barrel is rifled and it is not recommended that shot be fired from it, lest one destroys the rifling. It is a single-shot weapon firing 12 or 20 gauge slugs, and comes in three variants. All use a semi-pistol-grip wrist stock with a Monte Carlo shape. It's a heavy rifle (as one might expect), built on a 10-gauge action for extra strength. The Ultra Slug Hunter has no iron sights but does have a scope mount which can accept most civilian scopes or sights, and looks similar to a MIL-STD-1913 (but isn't). The action is single-shot break-open, and the hammer has an extended spur so that it doesn't interfere with a scope. The extended spur may be mounted left or right according to the needs of the user. The stock has a thick rubber recoil pad. The gun has a transfer bar safety, in which the hammer never contacts the firing pin, but instead has an intermediate mechanism which can be easily blocked by a safety. The Ultra Slug Hunter comes in a Standard model, a Deluxe Heavy Barrel model, and Youth Model, but the barrels of all three are pretty thick due to the ammunition fired. (Except for the laminated stock and the more exotic wood grain of the weapon, the Deluxe Heavy Barrel is identical to the Standard Model for game purposes.) The Youth Model barrel is 22 inches, while the other two have 24-inch barrels. The Ultra Slug Hunter may fire normal slugs and sabot rounds equally well, but no other type of 12 gauge ammunition is recommended.

Twilight 2000 Notes: The original 12-gauge Ultra Slug Hunter is a rare weapon in the Twilight 2000 timeline; none of the other versions or gauges exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Ultra Slug Hunter	12 Gauge 2.5", 2.75", or 3" (Slugs Only)	4.08 kg	1 Internal	\$1025
Ultra Slug Hunter	20 Gauge 2.5", 2.75", or 3" (Slugs Only)	3.63 kg	1 Internal	\$973
Ultra Slug Hunter Youth	20 Gauge 2.5", 2.75", or 3" (Slugs Only)	3.18 kg	1 Internal	\$911

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ultra Slug Hunter (12 GA, 2.5")	SS	6	2-4-Nil	7	5	Nil	71
Ultra Slug Hunter (12 GA, 2.75")	SS	6	2-4-Nil	7	5	Nil	85

Ultra Slug Hunter (12 GA, 3")	SS	6	2-4-Nil	7	5	Nil	102
Ultra Slug Hunter (20 GA, 2.5")	SS	5	2-4-Nil	6	5	Nil	71
Ultra Slug Hunter (20 GA, 2.75")	SS	5	2-4-Nil	6	5	Nil	85
Ultra Slug Hunter (20 GA, 3")	SS	5	2-4-Nil	6	5	Nil	102
Ultra Slug Hunter Youth (2.5")	SS	5	2-4-Nil	6	6	Nil	62
Ultra Slug Hunter Youth (2.75")	SS	5	2-4-Nil	6	6	Nil	74
Ultra Slug Hunter Youth (3")	SS	5	2-4-Nil	6	6	Nil	89

**Harrington & Richardson Ultra Varmint**

Notes: This is a handy little break-open "walking around" varmint rifle, short despite the long barrel due to its break-open configuration. The Ultra Varmint is equipped with a Weaver-type rail that can mount most telescopic sights. It is a good utility gun.

Weapon	Ammunition	Weight	Magazines	Price
Ultra Varmint	5.56mm NATO	3.4 kg	1 Internal	\$322
Ultra Varmint	.243 Winchester	3.6 kg	1 Internal	\$339

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ultra Varmint (5.56mm)	SS	3	1-Nil	6	3	Nil	73
Ultra Varmint (.243)	SS	3	2-Nil	6	3	Nil	73

**Henry Acu-Bolt**

Notes: This is in many ways a version of another Henry rifle, a youth rifle, which has been upscaled into an adult-sized varmint rifle. The barrel is a full 20 inches long, and the stock is of black synthetic material with checkering on the pistol grip wrist and fore-end. The fore-end is also flat to allow it to sit in a more stable manner on a rest. The metalwork is of stainless steel. The sights are Williams Fire Sights which have red fiberoptic inserts in the rear sights and a green fiberoptic insert in the front sight. In addition, the Acu-Bolt has a cantilever scope base, and comes with a 4x scope and the rings to mount it. The Acu-Bolt is a single-shot bolt-action weapon which is very easy to use and maintain.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Acu-Bolt	.17 Hornady Magnum Rimfire	1.93 kg	1 Internal	\$528
Acu-Bolt	.22 Long Rifle	1.93 kg	1 Internal	\$454
Acu-Bolt	.22 Winchester Magnum Rimfire	1.94 kg	1 Internal	\$470

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Acu-Bolt (.17)	SS	2	1-Nil	5	2	Nil	57

Acu-Bolt (.22 Long Rifle)	SS	1	Nil	5	1	Nil	45
Acu-Bolt (.22 Magnum)	SS	1	Nil	5	2	Nil	57

**Ljutic Space Rifle**

Notes: This exotic-looking (some would say weird-looking) single-shot bolt-action rifle was primarily custom-made to the customer's requirements, but some were made for "off-the-shelf" sales. The Space Rifle, sometimes called the Recoilless Space Rifle due to a design that lends itself to very low recoil for the rounds it fires, resembles nothing so much as a long tube, with a pistol grip, sights, and a rudimentary-looking (though effective and comfortable) stock added on, seemingly as an afterthought. In fact, the Space Rifle is very effective at producing accurate single shots with relatively little recoil. The barrel is a heavy, 24-inch, match-quality design, drilled and tapped for a scope. The sights are detachable, as are the included scope mounts, and a sighting rib of sorts can also be mounted. The weapon is loaded by twisting the fore-end, releasing the barrel to allow it to be pulled forward, and then pulled back again after insertion of a round into the chamber, and then the weapon is cocked by a small handle below the receiver. The trigger is not only adjustable, the normal design was in fact a simple button to be pushed by the thumb. The butt has a recoil pad, and the stock tube also incorporates a recoil dampening device. Considered too odd-looking by most potential customers, the Space Rifle was produced only in small numbers, with production ceasing in the late 1980s.

Weapon	Ammunition	Weight	Magazines	Price
Space Rifle	.22-250 Remington	3.97 kg	1 Internal	\$723
Space Rifle	7.62mm NATO	4.36 kg	1 Internal	\$1015
Space Rifle	.30-30 Winchester	4.37 kg	1 Internal	\$1021
Space Rifle	.30-06 Springfield	4.49 kg	1 Internal	\$1155

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Space Rifle (.22-250)	SS	3	2-Nil	6	2	Nil	77
Space Rifle (7.62mm)	SS	4	2-3-Nil	6	3	Nil	96
Space Rifle (.30-30)	SS	4	2-3-Nil	6	3	Nil	96
Space Rifle (.30-06)	SS	4	2-3-Nil	6	3	Nil	84

**Marlin-Ballard No 1 Hunter**

Notes: Designed very much to test the potential market, the No. 1 Hunter did sell well and Marlin-Ballard went on to the No 2. The original No 1 Hunter was introduced in 1876, in .44 centerfire and .44 rimfire chamberings. Marlin, shortly thereafter, invented a special firing pin that could work with rimfire and centerfire rounds (On No x rifles). The No 1 could have a 26, 28, or 30-inch round barrels, with round barrels only; however, the rifles used a Marlin-patent extractor that would be later used on such rifles. The rear sight is a standing block rear sight, and the forearm is a bit stubby. A few chamberings -- ,45-70, .44 Ballard Long, and .44 Ballard Extra Long -- were added a few years after the start of production. The Model 1 ½ was built for a short time in 1879-1883. It was essentially a No 1 with an extra-heavy wrought iron frame. Only two chamberings were used and the barrel was 32 inches long. The Model 1 ½ had a rifle-type buttplate and Rocky Mountain-type sights. The Model 1 ¾ was essentially No 1 with a double set trigger, and chambered for the same rounds as the No 1 ½. Other than the set trigger and some minor caliber differences, this is similar to the No 1 ½; also note that for game purposes, the .40-65 and .40-70 Ballard are identical.

Weapon	Ammunition	Weight	Magazines	Price
Marlin-Ballard No. 1 (26" Barrel)	.44 Long	3.65 kg	1 Internal	\$315
Marlin-Ballard No. 1 (28" Barrel)	.44 Long	3.71 kg	1 Internal	\$335
Marlin-Ballard No. 1 (30" Barrel)	.44 Long	3.77 kg	1 Internal	\$355
Marlin-Ballard No. 1 (26" Barrel)	.44 Henry Rimfire	3.56 kg	1 Internal	\$309
Marlin-Ballard No. 1 (28" Barrel)	.44 Henry Rimfire	3.62 kg	1 Internal	\$330
Marlin-Ballard No. 1 (30" Barrel)	.44 Henry Rimfire	3.68 kg	1 Internal	\$349
Marlin-Ballard No. 1 (26" Barrel)	.44 Ballard Long	3.62 kg	1 Internal	\$313
Marlin-Ballard No. 1 (28" Barrel)	.44 Ballard Long	3.68 kg	1 Internal	\$334
Marlin-Ballard No. 1 (30" Barrel)	.44 Ballard Long	3.74 kg	1 Internal	\$354
Marlin-Ballard No. 1 (26" Barrel)	.44 Ballard Extra Long	3.81 kg	1 Internal	\$325
Marlin-Ballard No. 1 (28" Barrel)	.44 Ballard Extra Long	3.88 kg	1 Internal	\$345

<b>Marlin-Ballard No. 1</b> (30" Barrel)	.44 Ballard Extra Long	3.94 kg	1 Internal	\$366
<b>Marlin-Ballard No. 1</b> (26" Barrel)	.45-70 Government	3.91 kg	1 Internal	\$339
<b>Marlin-Ballard No. 1</b> (28" Barrel)	.45-70 Government	3.98 kg	1 Internal	\$360
<b>Marlin-Ballard No. 1</b> (30" Barrel)	.45-70 Government	4.04 kg	1 Internal	\$380
<b>Marlin-Ballard No.1</b> $\frac{1}{2}$	.40-70 Ballard	4.57 kg	1 Internal	\$402
<b>Marlin-Ballard No. 1</b> $\frac{1}{2}$	.45-70 Government	4.67 kg	1 Internal	\$409

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Marlin-Ballard No. 1 (26", .44 Long)</b>	SS	3	1-Nil	6	3	Nil	71
<b>Marlin-Ballard No. 1 (28", .44 Long)</b>	SS	3	1-Nil	6	3	Nil	77
<b>Marlin-Ballard No. 1 (30", .44 Long)</b>	SS	3	1-Nil	7	3	Nil	84
<b>Marlin-Ballard No. 1 (26", .44 Henry Rimfire)</b>	SS	2	1-Nil	6	3	Nil	66
<b>Marlin-Ballard No. 1 (28", .44 Henry Rimfire)</b>	SS	2	1-Nil	6	2	Nil	70
<b>Marlin-Ballard No. 1 (30", .44 Henry Rimfire)</b>	SS	2	1-Nil	7	2	Nil	74
<b>Marlin-Ballard No. 1 (26", .44 Ballard Long)</b>	SS	3	1-Nil	6	3	Nil	71
<b>Marlin-Ballard No. 1 (28", .44 Ballard Long)</b>	SS	3	1-Nil	6	3	Nil	77
<b>Marlin-Ballard No. 1 (30", .44 Ballard Long)</b>	SS	3	1-Nil	7	3	Nil	84
<b>Marlin-Ballard No. 1 (26", .44 Ballard Extra Long)</b>	SS	3	1-Nil	6	3	Nil	82
<b>Marlin-Ballard No. 1 (28", .44 Ballard Extra Long)</b>	SS	3	1-Nil	7	3	Nil	89
<b>Marlin-Ballard No. 1 (30", .44 Ballard Extra Long)</b>	SS	3	2-Nil	7	3	Nil	96
<b>Marlin-Ballard No. 1 (26", .45-70)</b>	SS	4	2-3-Nil	6	4	Nil	92
<b>Marlin-Ballard No. 1 (28", .45-70)</b>	SS	4	2-3-Nil	7	4	Nil	99
<b>Marlin-Ballard No. 1 (30", .45-70)</b>	SS	4	2-3-Nil	7	4	Nil	107
<b>Marlin-Ballard No. 1 <math>\frac{1}{2}</math> (.40-70)</b>	SS	4	2-Nil	7	4	Nil	124
<b>Marlin-Ballard No. 1 <math>\frac{1}{2}</math> (.45-70)</b>	SS	4	2-3-Nil	8	4	Nil	117

### Marlin-Ballard No 2 Sporting

Notes: Definitely influenced by the Remington No 2, the Marlin-Ballard version is a bit heavier than the Remington Rifle, and the lockwork and firing mechanism is different, and also much heavier. (The action is a Ballard action instead of the Remington No 2 action.) It was produced from 1876-1891. The Marlin-Ballard is simply made of tougher stuff: a walnut stock and fore-end, a butt which is curved for the shoulder, and a light vernier rear sight which is attached to the tang. The rear sight can be folded down, and the shooter may use the notch just in front of the action. The front sight is a small blade with a protective plating of gold. The action, wrist, trigger and lever, and barrel are steel, but plated with brass, again for protection. Despite competition from Remington, the Marlin-Ballard was a popular hunting rifle. Various barrel lengths were made: 26, 28, and 30 inches. The barrel is heavier than the Remington, which also contributes to its weight.

Weapon	Ammunition	Weight	Magazines	Price
<b>Marlin-Ballard No 2</b> (26" Barrel)	.32 Winchester Self-Loading	4.63 kg	1 Internal	\$299
<b>Marlin-Ballard No 2</b> (28" Barrel)	.32 Winchester Self-Loading	4.83 kg	1 Internal	\$320
<b>Marlin-Ballard No 2</b> (30" Barrel)	.32 Winchester Self-Loading	5.04 kg	1 Internal	\$340



Marlin-Ballard No 2 (26" Barrel)	.38 Long	4.77 kg	1 Internal	\$307
Marlin-Ballard No 2 (28" Barrel)	.38 Long	4.98 kg	1 Internal	\$327
Marlin-Ballard No 2 (30" Barrel)	.38 Long	5.2 kg	1 Internal	\$347
Marlin-Ballard No 2 (26" Barrel)	.38 Ballard Long	4.91 kg	1 Internal	\$310
Marlin-Ballard No 2 (28" Barrel)	.38 Ballard Long	5.1 kg	1 Internal	\$331
Marlin-Ballard No 2 (30" Barrel)	.38 Ballard Long	5.33 kg	1 Internal	\$351
Marlin-Ballard No 2 (26" Barrel)	.44-40 Winchester	4.97 kg	1 Internal	\$312
Marlin-Ballard No 2 (28" Barrel)	.44-40 Winchester	5.16 kg	1 Internal	\$332
Marlin-Ballard No 2 (30" Barrel)	.44-40 Winchester	5.27 kg	1 Internal	\$352

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Marlin-Ballard No 2 (26", .32)	SS	2	1-Nil	6	1	Nil	74
Marlin-Ballard No 2 (28", .32)	SS	2	1-Nil	6	1	Nil	81
Marlin-Ballard No 2 (30", .32)	SS	2	1-Nil	7	1	Nil	88
Marlin-Ballard No 2 (26", .38 Long)	SS	3	1-Nil	6	2	Nil	77
Marlin-Ballard No 2 (28", .38 Long)	SS	3	1-Nil	6	2	Nil	83
Marlin-Ballard No 2 (30", .38 Long)	SS	3	1-Nil	7	2	Nil	90
Marlin-Ballard No 2 (26", .38 Ballard Long)	SS	3	1-2-Nil	6	2	Nil	98
Marlin-Ballard No 2 (28", .38 Ballard Long)	SS	3	1-1-Nil	6	2	Nil	106
Marlin-Ballard No 2 (30", .38 Ballard Long)	SS	3	1-1-Nil	7	2	Nil	115
Marlin-Ballard No 2 (26", .44-40 Winchester)	SS	2	1-1-Nil	6	2	Nil	90
Marlin-Ballard No 2 (28", .44-40 Winchester)	SS	3	1-1-Nil	6	2	Nil	98
Marlin-Ballard No 2 (30", .44-40 Winchester)	SS	3	1-1-Nil	7	2	Nil	106

**Marlin-Ballard No.4 Perfection Rifle**

Notes: Developed from the No 1 and No 2, the No 4 was introduced was intended primarily for hunting and target shooting. This is the reason for the heavy octagonal barrel and the precise fit of the guns' parts. Though standard shells could be used in the No 4, the gun was specially designed to allow for cartridge reloading and ejection and firing did not do the sort of damage normally done to cases by rifles of the period. The No 4 was made in guns ranging to a small-game-appropriate ,32-40; chamberings went up to .50, and all were centerfire cartridges. These were joined by other cartridges are the years went by, to satisfy user letters. For the most of construction (1876-1889), but Marlin began dropping chamberings with time, and by 1883 and the end of the production run, the No 4 was chambered with only .32-40, .38-55, and .40-65, It was a heavy rifle nonetheless, but respected for it's stable platform and it's seeming imperviousness to weather.

The No 4 ½ Mid-Range was designed for shorter (and in the right hands, faster) length, lesser weight, and quicker aiming. The barrels were all 30 inches, but could be half-octagonal or full octagonal in cross-section. The straight wrist was preplaced by a pistol-grip-wrist, and the forearm was increased in length to support half the length of the barrel. Being some 14 inches long. The woodwork was of American walnut and was typically at least checkered on the forearm and grip, is not found with more elaborate woodworking. The sight was a ladder folding sight raising from the wrist; another rear sight above the receiver was an improved peep sight, with a gold-plated globe for a front sight. Metal areas were normally plated in brass as delivered or bought.

The No. 4A1 was a minor variant designed primarily as a minor luxury buy. The No. 4A1 used a Fine English Walnut stock with a globe front, a peep rear, and on the tang, a flip-up vernier sight. Attached to front sight was a length (maybe 10mm long or so) of brightly-colored yard to serve as a wind estimation gauge. For game purposes, the No, 4A1 is identical to the standard No. 4.

A few dozen No. 4s were used in combat here and there, most notably in the Boer War, India, and even as late as World War 1. They were normally weapons brought to combat by their owners in an environment freer about such things. They typically had to be abandoned or sent home over logistics issues, Except as noted, barrels of these rifles were 30 or 32 inches, full-octagonal in profile. The butt plate was curved and textured, and checkering is found elsewhere in heavy grip areas such as the fore-end and wrist.

Weapon	Ammunition	Weight	Magazines	Price
Marlin-Ballard No 4 (30" Barrel)	.32-40 Winchester	3.12 kg	1 Internal	\$450
Marlin-Ballard No 4 (32" Barrel)	.32-40 Winchester	3.19 kg	1 Internal	\$471
Marlin-Ballard No 4 (30" Barrel)	.38-40 Winchester	3.12 kg	1 Internal	\$445
Marlin-Ballard No 4 (32" Barrel)	.38-40 Winchester	3.19 kg	1 Internal	\$466
Marlin-Ballard No 4 (30" Barrel)	.38-55 Ballard	3.78 kg	1 Internal	\$372
Marlin-Ballard No 4 (32" Barrel)	.38-55 Ballard	3.86 kg	1 Internal	\$392
Marlin-Ballard No 4 (30" Barrel)	.40-65 Winchester	3.77 kg	1 Internal	\$377
Marlin-Ballard No 4 (32" Barrel)	.40-65 Winchester	3.85 kg	1 Internal	\$398
Marlin-Ballard No 4 (30" Barrel)	.40-70 Ballard	3.88 kg	1 Internal	\$381
Marlin-Ballard No 4 (32" Barrel)	.40-70 Ballard	3.96 kg	1 Internal	\$402
Marlin-Ballard No 4 (30" Barrel)	.40-70 Sharps	3.91 kg	1 Internal	\$384
Marlin-Ballard No 4 (32" Barrel)	.40-70 Sharps	4 kg	1 Internal	\$404
Marlin-Ballard No 4 (30" Barrel)	.44-75 Ballard	3.96 kg	1 Internal	\$394
Marlin-Ballard No 4 (32" Barrel)	.44-75 Ballard	4.05 kg	1 Internal	\$414
Marlin-Ballard No 4 (30" Barrel)	.44-77 Sharps	3.85 kg	1 Internal	\$388
Marlin-Ballard No 4 (32" Barrel)	.44-77 Sharps	3.94 kg	1 Internal	\$409
Marlin-Ballard No 4 (30" Barrel)	.45-70 Government	4.07 kg	1 Internal	\$388
Marlin-Ballard No 4 (32" Barrel)	.45-70 Government	4.17 kg	1 Internal	\$408
Marlin-Ballard No 4 (30" Barrel)	.50-70 Government	4.09 kg	1 Internal	\$389
Marlin-Ballard No 4 (32" Barrel)	.50-70 Government	4.19 kg	1 Internal	\$409
Marlin-Ballard No 4 ½ (Octagonal Barrel)	.38-55 Ballard	4.51 kg	1 Internal	\$379
Marlin-Ballard No 4 ½ (Half-Octagonal Barrel)	.38-55 Ballard	4.49 kg	1 Internal	\$372
Marlin-Ballard No 4 ½ (Octagonal Barrel)	.40-70 Sharps	4.74 kg	1 Internal	\$392
Marlin-Ballard No 4 ½ (Half-Octagonal Barrel)	.40-70 Sharps	4.72 kg	1 Internal	\$384
Marlin-Ballard No 4 ½ (Octagonal Barrel)	.40-90 Ballard	4.65 kg	1 Internal	\$385

Marlin-Ballard No 4 ½ (Half-Octagonal Barrel)	.40-90 Ballard	4.63 kg	1 Internal	\$377
Marlin-Ballard No 4 ½ (Octagonal Barrel)	.40-90 Sharps	4.62 kg	1 Internal	\$405
Marlin-Ballard No 4 ½ (Half-Octagonal Barrel)	.40-90 Sharps	4.6 kg	1 Internal	\$398
Marlin-Ballard No 4 ½ (Octagonal Barrel)	.44-75 Ballard	4.56 kg	1 Internal	\$401
Marlin-Ballard No 4 ½ (Half-Octagonal Barrel)	.44-75 Ballard	4.54 kg	1 Internal	\$394
Marlin-Ballard No 4 ½ (Octagonal Barrel)	.44-77 Sharps	4.48 kg	1 Internal	\$396
Marlin-Ballard No 4 ½ (Half-Octagonal Barrel)	.44-77 Sharps	4.46 kg	1 Internal	\$388
Marlin-Ballard No 4 ½ (Octagonal Barrel)	.44-90 Sharps	4.61 kg	1 Internal	\$405
Marlin-Ballard No 4 ½ (Half-Octagonal Barrel)	.44-90 Sharps	4.6 kg	1 Internal	\$397
Marlin-Ballard No 4 ½ (Octagonal Barrel)	.44-100 Ballard	4.66 kg	1 Internal	\$408
Marlin-Ballard No 4 ½ (Half-Octagonal Barrel)	.44-100 Ballard	4.65 kg	1 Internal	\$401
Marlin-Ballard No 4 ½ (Octagonal Barrel)	.45-70 Government	4.47 kg	1 Internal	\$395
Marlin-Ballard No 4 ½ (Half-Octagonal Barrel)	.45-70 Government	4.45 kg	1 Internal	\$388
Marlin-Ballard No 4 ½ (Octagonal Barrel)	.50-70 Government	4.49 kg	1 Internal	\$396
Marlin-Ballard No 4 ½ (Half-Octagonal Barrel)	.50-70 Government	4.47 kg	1 Internal	\$389

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Marlin-Ballard No 4 (30” Barrel, .32-40)	SS	5	2-3-Nil	8	4	Nil	110
Marlin-Ballard No 4 (32” Barrel, .32-40)	SS	5	2-3-Nil	8	5	Nil	118
Marlin-Ballard No 4 (30” Barrel, .38-40)	SS	5	2-4-Nil	8	7	Nil	91
Marlin-Ballard No 4 (32” Barrel, .38-40)	SS	5	2-4-Nil	8	7	Nil	98
Marlin-Ballard No 4 (30” Barrel, .38-55)	SS	3	2-Nil	7	3	Nil	110
Marlin-Ballard No 4 (32” Barrel, .38-55)	SS	3	2-Nil	7	3	Nil	118
Marlin-Ballard No 4 (30” Barrel,	SS	3	2-Nil	7	4	Nil	110

.40-65)							
Marlin-Ballard No 4 (32" Barrel, .40-65)	SS	3	2-Nil	7	4	Nil	117
Marlin-Ballard No 4 (30" Barrel, .40-65)	SS	4	2-Nil	7	4	Nil	116
Marlin-Ballard No 4 (32" Barrel, .40-70)	SS	4	2-Nil	7	4	Nil	124
Marlin-Ballard No 4 (30" Barrel, .40-70 Sharps)	SS	4	2-3-Nil	7	4	Nil	117
Marlin-Ballard No 4 (32" Barrel, .40-70 Sharps)	SS	4	2-3-Nil	8	4	Nil	127
Marlin-Ballard No 4 (30" Barrel, .44-75 Ballard)	SS	4	2-3-Nil	7	4	Nil	118
Marlin-Ballard No 4 (32" Barrel, .44-75 Ballard)	SS	4	2-3-Nil	8	4	Nil	127
Marlin-Ballard No 4 (30" Barrel, .44-77 Sharps)	SS	4	2-3-Nil	7	4	Nil	113
Marlin-Ballard No 4 (32" Barrel, .44-77 Sharps)	SS	4	2-3-Nil	8	4	Nil	121
Marlin-Ballard No 4 (30" Barrel, .45-70)	SS	4	2-3-Nil	7	4	Nil	110
Marlin-Ballard No 4 (32" Barrel, .45-70)	SS	4	2-3-Nil	8	4	Nil	117
Marlin-Ballard No 4 (30" Barrel, .50-70)	SS	4	2-3-Nil	7	4	Nil	101
Marlin-Ballard No 4 (32" Barrel, .50-70)	SS	4	2-3-Nil	8	4	Nil	108
Marlin-Ballard No 4 ½ (Octagonal, .38-40)	SS	3	2-Nil	7	3	Nil	113
Marlin-Ballard No 4 ½ (Half-Octagonal, .38-40)	SS	3	2-Nil	7	3	Nil	110
Marlin-Ballard No 4 ½ (Octagonal, .40-70)	SS	4	2-3-Nil	7	4	Nil	122
Marlin-Ballard No 4 ½ (Half-Octagonal, .40-70)	SS	4	2-3-Nil	7	4	Nil	118
Marlin-Ballard No 4 ½ (Octagonal, .40-90 Ballard)	SS	3	2-Nil	7	4	Nil	111
Marlin-Ballard No 4 ½ (Half-Octagonal, .40-90 Ballard)	SS	3	2-Nil	7	4	Nil	108
Marlin-Ballard No 4 ½ (Octagonal, .40-90 Sharps)	SS	4	1-2-3	7	4	Nil	141
Marlin-Ballard No 4 ½ (Half-Octagonal, .40-90 Sharps)	SS	4	1-2-3	7	4	Nil	136
Marlin-Ballard No 4 ½ (Octagonal, .44-75 Ballard)	SS	4	1-2-3	7	4	Nil	146
Marlin-Ballard No 4 ½ (Half-Octagonal, .44-75 Ballard)	SS	4	1-2-3	7	4	Nil	141
Marlin-Ballard No 4 ½ (Octagonal, .44-77)	SS	4	2-3-Nil	7	4	Nil	116
Marlin-Ballard No 4 ½ (Half-Octagonal, .44-77)	SS	4	2-3-Nil	7	4	Nil	113
Marlin-Ballard No 4 ½ (Octagonal, .44-90)	SS	4	2-3-Nil	7	4	Nil	122
Marlin-Ballard No 4 ½ (Half-Octagonal, .44-90)	SS	4	2-3-Nil	7	4	Nil	118
Marlin-Ballard No 4 ½ (Octagonal, .44-100)	SS	4	1-2-3	7	4	Nil	162
Marlin-Ballard No 4 ½ (Half-Octagonal, .44-100)	SS	4	1-2-3	7	4	Nil	156
Marlin-Ballard No 4 ½ (Octagonal, .44-100)	SS	4	2-3-Nil	7	4	Nil	112

<b>.45-70)</b> <b>Marlin-Ballard No 4 ½ (Half-Octagonal, .45-70)</b>	SS	4	2-3-Nil	7	4	Nil	110
<b>Marlin-Ballard No 4 ½ (Octagonal, .50-70)</b>	SS	4	2-3-Nil	7	4	Nil	103
<b>Marlin-Ballard No 4 ½ (Half-Octagonal, .50-70)</b>	SS	4	2-3-Nil	7	4	Nil	101

**New England Firearms Handi-Rifle**

Notes: The Handi-Rifle harkens back to the single-shot hunting rifles of generations past – then adds some modern features, construction, and materials to it. The Handi-Rifle is a break-open weapon which comes in a large amount of chamberings, and is simple in design and construction. There are several versions available, from the basic Handi-Rifle (for the most part using a 22-inch barrel, but with a 26-inch barrel when chambered for .25-06 and .280); the Handi-Rifle Bull Barrel Varmint with a heavy 22-inch match-quality barrel; The Handi-Rifle Youth with a shorter stock and 22-inch standard barrel; the Handi-Rifle Synthetic with a high-density polymer stock, the Handi-Rifle Stainless version (with the .22-250 model having a bull barrel); the Handi-Rifle Superlight, using a polymer stock of less density than the high-density one of the Synthetic and a shorter barrel; the Handi-Rifle Superlight Youth, using a shorter stock and somewhat lighter than the regular Superlight; and the Advanced Technology Handi-Rifle, a “tricked-out” version of the Handi-Rifle Stainless Bull Barrel with a Shotforce package, giving the Handi-Rifle an M-4-style collapsible stock, a bipod, a hammer spur extension, a MIL-STD-1913 rail, aluminum free-floating barrel handguard, a plastic pistol grip, and a target-crowned barrel. All Handi-Rifles also have a thick rubber recoil pad; they have ramp front sights and adjustable rear sights and are also drilled and tapped for a scope mount (except for the Advanced Technology Handi-Rifle, which has no iron sights).

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Handi-Rifle	.22 Hornet	3.18 kg	1 Internal	\$355
Handi-Rifle	5.56mm NATO	3.29 kg	1 Internal	\$364
Handi-Rifle	.22-250 Remington	3.33 kg	1 Internal	\$368
Handi-Rifle	.243 Winchester	3.47 kg	1 Internal	\$381
Handi-Rifle	.25-06 Remington	3.82 kg	1 Internal	\$444
Handi-Rifle	.270 Winchester	3.87 kg	1 Internal	\$419
Handi-Rifle	.280 Remington	4.01 kg	1 Internal	\$465
Handi-Rifle	.30-30 Winchester	3.86 kg	1 Internal	\$418
Handi-Rifle	.30-06 Springfield	4.06 kg	1 Internal	\$440
Handi-Rifle	.44 Magnum	3.2 kg	1 Internal	\$346
Handi-Rifle	.45-70 Government	3.49 kg	1 Internal	\$369
Handi-Rifle	.500 S&W Magnum	3.44 kg	1 Internal	\$365
Handi-Rifle Bull Barrel Varmint	.204 Ruger	3.25 kg	1 Internal	\$370
Handi-Rifle Bull Barrel Varmint	5.56mm NATO	3.32 kg	1 Internal	\$376
Handi-Rifle Bull Barrel Varmint	.243 Winchester	3.51 kg	1 Internal	\$392
Handi-Rifle Youth	5.56mm NATO	3.19 kg	1 Internal	\$364
Handi-Rifle Youth	.243 Winchester	3.37 kg	1 Internal	\$381
Handi-Rifle Youth	7mm-08 Remington	3.6 kg	1 Internal	\$404
Handi-Rifle Synthetic	.22 Hornet	2.83 kg	1 Internal	\$366
Handi-Rifle Synthetic	5.56mm NATO	2.93 kg	1 Internal	\$375
Handi-Rifle Synthetic	.243 Winchester	3.09 kg	1 Internal	\$393
Handi-Rifle Synthetic	.270 Winchester	3.44 kg	1 Internal	\$432
Handi-Rifle Synthetic	.280 Remington	3.57 kg	1 Internal	\$477
Handi-Rifle Synthetic	.30-06 Springfield	3.61 kg	1 Internal	\$453
Handi-Rifle Synthetic	.45-70 Government	3.11 kg	1 Internal	\$380
Handi-Rifle Stainless	5.56mm NATO	2.93 kg	1 Internal	\$375
Handi-Rifle Stainless	.22-250 Remington	2.99 kg	1 Internal	\$391
Handi-Rifle Stainless	.243 Winchester	3.09 kg	1 Internal	\$393
Handi-Rifle Stainless	.270 Winchester	3.44 kg	1 Internal	\$432
Handi-Rifle Stainless	.30-06 Springfield	3.61 kg	1 Internal	\$453
Handi-Rifle Superlight	.22 Hornet	2.49 kg	1 Internal	\$345
Handi-Rifle Superlight	5.56mm NATO	2.58 kg	1 Internal	\$355
Handi-Rifle Superlight	.243 Winchester	2.72 kg	1 Internal	\$372
Handi-Rifle Superlight Youth	.22 Hornet	2.42 kg	1 Internal	\$345
Handi-Rifle Superlight Youth	5.56mm NATO	2.5 kg	1 Internal	\$355
Handi-Rifle Superlight Youth	.243 Winchester	2.64 kg	1 Internal	\$372
Advanced Technology Handi-Rifle	5.56mm NATO	3.76 kg	1 Internal	\$1019
Advanced Technology Handi-Rifle	.22-250 Remington	3.78 kg	1 Internal	\$1023
Advanced Technology Handi-Rifle	.243 Winchester	3.97 kg	1 Internal	\$1039
Advanced Technology Handi-Rifle	.270 Winchester	4.41 kg	1 Internal	\$1083
Advanced Technology Handi-Rifle	.30-06 Springfield	4.63 kg	1 Internal	\$1109

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Handi-Rifle (.22)	SS	3	1-Nil	5	2	Nil	64



Handi-Rifle (5.56mm)	SS	3	1-Nil	6	2	Nil	63
Handi-Rifle (.22-250)	SS	3	1-Nil	6	3	Nil	59
Handi-Rifle (.243)	SS	3	2-Nil	6	3	Nil	60
Handi-Rifle (.25-06)	SS	4	2-3-Nil	6	4	Nil	67
Handi-Rifle (.270)	SS	4	2-3-Nil	6	4	Nil	55
Handi-Rifle (.280)	SS	4	2-3-Nil	7	4	Nil	72
Handi-Rifle (.30-30)	SS	4	2-3-Nil	6	4	Nil	72
Handi-Rifle (.30-06)	SS	4	2-3-Nil	6	4	Nil	62
Handi-Rifle (.44)	SS	4	1-2-Nil	5	2	Nil	74
Handi-Rifle (.45-70)	SS	4	2-3-Nil	6	4	Nil	72
Handi-Rifle (.500)	SS	5	1-2-3	6	4	Nil	82
Handi-Rifle Bull Barrel Varmint (.204)	SS	3	1-Nil	6	2	Nil	60
Handi-Rifle Bull Barrel Varmint (5.56mm)	SS	3	1-Nil	6	2	Nil	67
Handi-Rifle Bull Barrel Varmint (.243)	SS	3	2-Nil	6	3	Nil	64
Handi-Rifle Youth (5.56mm)	SS	3	1-Nil	6	3	Nil	63
Handi-Rifle Youth (.243)	SS	3	2-Nil	6	3	Nil	60
Handi-Rifle Youth (7mm-08)	SS	4	2-3-Nil	6	4	Nil	70
Handi-Rifle Synthetic (.22)	SS	3	1-Nil	5	3	Nil	64
Handi-Rifle Synthetic (5.56mm)	SS	3	1-Nil	6	3	Nil	63
Handi-Rifle Synthetic (.243)	SS	3	2-Nil	6	3	Nil	60
Handi-Rifle Synthetic (.270)	SS	4	2-3-Nil	6	4	Nil	55
Handi-Rifle Synthetic (.280)	SS	4	2-3-Nil	7	4	Nil	72
Handi-Rifle Synthetic (.30-06)	SS	4	2-3-Nil	6	4	Nil	62
Handi-Rifle Synthetic (.45-70)	SS	4	2-3-Nil	6	4	Nil	72
Handi-Rifle Stainless (5.56mm)	SS	3	1-Nil	6	3	Nil	63
Handi-Rifle Stainless (.22-250)	SS	3	1-Nil	6	3	Nil	63
Handi-Rifle Stainless (.243)	SS	3	2-Nil	6	3	Nil	60
Handi-Rifle Stainless (.270)	SS	4	2-3-Nil	6	4	Nil	55
Handi-Rifle Stainless (.30-06)	SS	4	2-3-Nil	6	4	Nil	62
Handi-Rifle Superlight/Youth Superlight (.22)	SS	3	1-Nil	5	3	Nil	58
Handi-Rifle Superlight/Youth Superlight (5.56mm)	SS	3	1-Nil	5	3	Nil	55
Handi-Rifle Superlight/Youth Superlight (.243)	SS	3	2-Nil	5	3	Nil	52
Advanced Technology Handi-Rifle (5.56mm) (With Bipod)	SS	3	1-Nil	4/6	2	Nil	67
Advanced Technology Handi-Rifle (.22-250) (With Bipod)	SS	3	1-Nil	4/6	1	Nil	88
Advanced Technology Handi-Rifle (.243) (With Bipod)	SS	3	1-Nil	4/6	2	Nil	64
Advanced Technology Handi-Rifle (.270) (With Bipod)	SS	3	2-Nil	5/6	1	Nil	83
Advanced Technology Handi-Rifle (.30-06) (With Bipod)	SS	3	2-Nil	5/6	3	Nil	65
Advanced Technology Handi-Rifle (.270) (With Bipod)	SS	3	2-Nil	5/6	1	Nil	84
Advanced Technology Handi-Rifle (.30-06) (With Bipod)	SS	4	2-3-Nil	5/6	4	Nil	60
Advanced Technology Handi-Rifle (.30-06) (With Bipod)	SS	4	2-3-Nil	5/6	2	Nil	78
Advanced Technology Handi-Rifle (.30-06) (With Bipod)	SS	4	2-3-Nil	5/6	4	Nil	68
Advanced Technology Handi-Rifle (.30-06) (With Bipod)	SS	4	2-3-Nil	5/6	2	Nil	88

**Pedersoli Sharps Bench Rest**

Notes: Actually a modern replica of various 1870s designs, the Bench Rest is designed for benchrest shooting, and may fire blackpowder or modern propellant rounds. The barrel is a match-quality Lothar Walther barrel with a bull profile, 27.56 inches long. Furniture is of fine walnut and the metalwork is color-case hardened, except for the barrel and sights, which are blued. The stock has a high comb and on the tang is a ladder-type optical sight. The barrel is drilled and tapped for scope rings.

Weapon	Ammunition	Weight	Magazines	Price
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Sharps Bench Rest		.22 Long Rifle		5.9 kg		1 Internal		\$324
Weapon		ROF	Damage	Pen	Bulk	SS	Burst	Range
Sharps Bench Rest		SS	1	Nil	8	1	Nil	57

Remington 40

Notes: Specifically designed to be a target and match rifle, the Remington 40 comes in many variants, each designed for a different type of match or target shooting. The first Model 40s were introduced in 1961. They are built on a modified Model 700 action, but the receivers and stocks are modified to give the rifle extra rigidity. In 1961, the line debuted with the Model 40X, which was built until 1964; this version had a straight-comb stock and a half-length fore-end. Standard Model 40Xs lacked checkering, but this could be had with special orders. There were also certain standard chamberings (shown below), but others could be had upon special order. All had sturdy non-slip rubber buttplates and heavy 28-inch match-quality barrels. It had no optical sights (none of the Model 40 series did), but had mounting blocks for telescopic sights and rails for aperture sights. The fore-end was squared and had a track for the mounting of an adjustable hand stop. Also introduced in 1961 (and produced until 1964) was the International Match Free Rifle; this version had a 28-inch match quality extra-heavy barrel, a match-quality adjustable trigger, a thumbhole stock, and a choice of adjustable hooked or rubber buttplates. The fore-end had an adjustable palm rest as standard, in addition to an adjustable hand stop/swivel anchor. The receiver is drilled and tapped for a scope mount, and mounting blocks were also included. The Model 40XR was also introduced in 1961 and is still being produced; it is basically an extra-heavy-barrel of the Model 40X, with an adjustable cheekpiece and buttplate.

In 1964, the models introduced included the International Free Rifle, replacing the International Match Free Rifle; though it was built for 10 years, only 107 were made. It was basically the same as the International Match Free Rifle, except that tolerances of the parts were tightened and the bolt handle was given a rearward sweep. For game purposes, it is identical to its predecessor. The Model 40XB Rangemaster had a slightly shorter barrel (27.25 inches), an expanded range of chamberings, and a choice of a match-quality standard-weight barrel or a heavy barrel. Standard-weight versions were single shot weapons; heavy-barrel variants had internal magazines. In other areas, it is similar to the Model 40X, except that after 1980, barrels were made from stainless steel. This model is still being built. A variant of the Model 40XB Rangemaster, the Rangemaster Rimfire, was chambered for .22 Long Rifle, had a 28-inch heavy barrel, and was a single-shot weapon, with a fixed rubber buttplate. A further variant, the Model 40XB Rangemaster Rimfire Repeater, was identical but magazine-fed. All three of these were produced until 1974.

In 1969, The Model 40XBBR bench rest rifle was introduced; it used a 26-inch extra-heavy match-quality stainless steel barrel, and a straight-comb stock with a rounded half-length fore-end (for proper fitting into bench rests). This rifle was produced until 1990. The Model 40X Sporter was also introduced this year; it was a version combining the standard Model 40X action with the Model 700ADLs stock, and is identical to the Model 40X for game purposes. It was built until 1977, then revived for a few months in 1980, and was produced only in small numbers.

In 1974, the Model 40XC National Match was introduced; this was designed specifically for military rifle matches, and fired only 7.62mm NATO ammunition. The barrel was a 26-inch heavy match barrel. It was fed by stripper clips. The stock was of walnut with a pistol grip wrist that had a thumb groove, a half-length fore-end which was level with the underside of the trigger guard, and adjustable buttplate and hand stop, and was drilled and tapped for a scope mount. It was produced until 1989.

1986 introduced a variant of the Model 40XR. The Model 40XR Custom Sporter is a rimfire variant of the Model 40XR, made in several grades, and often built to individual requirements by the Remington Custom Gun Shop. This model is still being produced. The stats for an average Model 40XR Custom Sporter are identical to the .22 Long Rifle variant of the Model 40XR.

1987 brought the Model 40XBBR KS; this was basically a Model 40XBBR with a Kevlar stock and somewhat different chamberings. This model is still being produced. Also introduced in 1987 was the Model 40XB KS; this is basically a Model 40XB Rangemaster with a Kevlar stock and a 27.25-inch barrel; it was also limited in caliber to .220 Swift. It too is still being produced.

In 1988, a Kevlar-stocked version of the Model 40XR, the Model 40XR KS, was introduced. It is still being produced. The Model 40XC National Match KS was also introduced; it is a Model 40XC National Match with a Kevlar stock. It is also still being produced. 1988 also brought the Model 40XR KS National Match, chambered only for 7.62mm, and with a 24-inch heavy match-quality stainless steel barrel, as well as a stainless steel receiver and action. The stock has a palm swell and hand stop. It is still being produced.

Weapon	Ammunition	Weight	Magazines	Price
Remington 40X	.222 Remington	6.74 kg	1 Internal	\$588
Remington 40X	.222 Remington Magnum	6.82 kg	1 Internal	\$611
Remington 40X	7.62mm NATO	7.85 kg	1 Internal	\$913
Remington 40X	.30-06 Springfield	8.27 kg	1 Internal	\$1053

Remington International Match Free Rifle	.22 Long Rifle	6.19 kg	1 Internal	\$351
Remington International Match Free Rifle	.222 Remington	7.03 kg	1 Internal	\$595
Remington International Match Free Rifle	.222 Remington Magnum	7.11 kg	1 Internal	\$618
Remington International Match Free Rifle	7.62mm NATO	8.18 kg	1 Internal	\$920
Remington International Match Free Rifle	.30-06 Springfield	8.62 kg	1 Internal	\$1060
Remington 40XR	.222 Remington	6.77 kg	1 Internal	\$595
Remington 40XR	.222 Remington Magnum	6.85 kg	1 Internal	\$618
Remington 40XR	7.62mm NATO	7.88 kg	1 Internal	\$920
Remington 40XR	.30-06 Springfield	8.3 kg	1 Internal	\$1060
Remington 40XB Rangemaster (Standard Barrel)	.220 Swift	4.2 kg	1 Internal	\$650
Remington 40XB Rangemaster (Standard Barrel)	.222 Remington	4.05 kg	1 Internal	\$573
Remington 40XB Rangemaster (Standard Barrel)	.222 Remington Magnum	4.1 kg	1 Internal	\$596
Remington 40XB Rangemaster (Standard Barrel)	.22-250 Remington	4.12 kg	1 Internal	\$605
Remington 40XB Rangemaster (Standard Barrel)	5.56mm NATO	4.07 kg	1 Internal	\$582
Remington 40XB Rangemaster (Standard Barrel)	6x47mm	4.19 kg	1 Internal	\$639
Remington 40XB Rangemaster (Standard Barrel)	6mm Remington	4.34 kg	1 Internal	\$716
Remington 40XB Rangemaster (Standard Barrel)	.243 Winchester	4.28 kg	1 Internal	\$683
Remington 40XB Rangemaster (Standard Barrel)	.25-06 Remington	4.54 kg	1 Internal	\$818
Remington 40XB Rangemaster (Standard Barrel)	7mm Remington BR	4.29 kg	1 Internal	\$682
Remington 40XB Rangemaster (Standard Barrel)	7mm Remington Magnum	4.78 kg	1 Internal	\$931
Remington 40XB Rangemaster (Standard Barrel)	7.62mm NATO	4.72 kg	1 Internal	\$898
Remington 40XB Rangemaster (Standard Barrel)	.30-06 Springfield	4.97 kg	1 Internal	\$1038
Remington 40XB Rangemaster (Standard Barrel)	.30-338 Winchester Magnum	4.98 kg	1 Internal	\$1041
Remington 40XB Rangemaster (Standard Barrel)	.300 Winchester Magnum	5.4 kg	1 Internal	\$1644
Remington 40XB Rangemaster (Heavy Barrel)	.222 Remington	5.1 kg	5 Internal	\$851
Remington 40XB Rangemaster (Heavy Barrel)	.222 Remington Magnum	5.16 kg	5 Internal	\$897
Remington 40XB Rangemaster (Heavy Barrel)	.22-250 Remington	5.19 kg	5 Internal	\$916
Remington 40XB Rangemaster (Heavy Barrel)	5.56mm NATO	5.13 kg	5 Internal	\$869
Remington 40XB Rangemaster (Heavy Barrel)	6x47mm	5.28 kg	5 Internal	\$976

Remington 40XB Rangemaster (Heavy Barrel)	6mm Remington	5.47 kg	5 Internal	\$1137
Remington 40XB Rangemaster (Heavy Barrel)	.243 Winchester	5.39 kg	5 Internal	\$1071
Remington 40XB Rangemaster (Heavy Barrel)	7mm Remington BR	5.4 kg	5 Internal	\$1071
Remington 40XB Rangemaster (Heavy Barrel)	7mm Remington Magnum	6.02 kg	5 Internal	\$1569
Remington 40XB Rangemaster (Heavy Barrel)	7.62mm NATO	5.94 kg	5 Internal	\$1501
Remington 40XB Rangemaster Rimfire	.22 Long Rifle	3.58 kg	1 Internal	\$337
Remington 40XB Rangemaster Rimfire Repeater	.22 Long Rifle	3.64 kg	5 Internal	\$357
Remington 40XBBR	.22 Remington BR	5.44 kg	1 Internal	\$537
Remington 40XBBR	.222 Remington	5.54 kg	1 Internal	\$568
Remington 40XBBR	.222 Remington Magnum	5.61 kg	1 Internal	\$591
Remington 40XBBR	5.56mm NATO	5.58 kg	1 Internal	\$577
Remington 40XBBR	6x47mm	5.74 kg	1 Internal	\$634
Remington 40XBBR	6mm Remington BR	5.58 kg	1 Internal	\$582
Remington 40XBBR	7.62mm NATO	6.46 kg	1 Internal	\$893
Remington 40XC National Match	7.62mm NATO	4.99 kg	5 Clip	\$1476
Remington 40XBBR KS	.22 Remington BR	4.84 kg	1 Internal	\$548
Remington 40XBBR KS	.222 Remington	4.93 kg	1 Internal	\$579
Remington 40XBBR KS	.222 Remington Magnum	4.99 kg	1 Internal	\$602
Remington 40XBBR KS	5.56mm NATO	4.96 kg	1 Internal	\$588
Remington 40XBBR KS	6x47mm	5.1 kg	1 Internal	\$646
Remington 40XBBR KS	6mm Remington BR	4.96 kg	1 Internal	\$593
Remington 40XBBR KS	7.62mm NATO	5.74 kg	1 Internal	\$905
Remington 40XB KS	.220 Swift	4.22 kg	1 Internal	\$664
Remington 40XR KS	.222 Remington	5.77 kg	1 Internal	\$594
Remington 40XR KS	.222 Remington Magnum	5.84 kg	1 Internal	\$617
Remington 40XR KS	7.62mm NATO	6.72 kg	1 Internal	\$920
Remington 40XR KS	.30-06 Springfield	7.08 kg	1 Internal	\$1060
Remington 40XC National Match KS	7.62mm NATO	5.06 kg	5 Clip	\$1490

Remington 40XR National Match KS	7.62mm NATO	4.99 kg	5 Clip	\$1469
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Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 40X (.222)	SS	3	2-Nil	7	2	Nil	97
Remington 40X (.222 Magnum)	SS	3	1-2-Nil	7	2	Nil	111
Remington 40X (7.62mm)	SS	4	2-3-Nil	7	3	Nil	113
Remington 40X (.30-06)	SS	5	2-3-Nil	7	3	Nil	105
Remington International Match Free Rifle (.22 LR)	SS	1	Nil	7	1	Nil	65
Remington International Match Free Rifle (.222)	SS	3	2-Nil	7	2	Nil	99
Remington International Match Free Rifle (.222 Magnum)	SS	3	1-2-Nil	7	2	Nil	113
Remington International Match Free Rifle (7.62mm)	SS	4	2-3-Nil	7	3	Nil	115
Remington International Match Free Rifle (.30-06)	SS	5	2-3-Nil	7	3	Nil	108
Remington 40XR (.222)	SS	3	2-Nil	7	2	Nil	99
Remington 40XR (.222 Magnum)	SS	3	1-2-Nil	7	2	Nil	113
Remington 40XR (7.62mm)	SS	4	2-3-Nil	7	3	Nil	115
Remington 40XR (.30-06)	SS	5	2-3-Nil	7	3	Nil	108
Remington 40XB Rangemaster (SB, .220)	SS	3	1-2-Nil	7	3	Nil	75
Remington 40XB Rangemaster (SB, .222)	SS	3	2-Nil	7	3	Nil	91
Remington 40XB Rangemaster (SB, .222 Magnum)	SS	3	1-2-Nil	7	3	Nil	105
Remington 40XB Rangemaster (SB, .22-250)	SS	3	2-Nil	7	3	Nil	86
Remington 40XB Rangemaster (SB, 5.56mm)	SS	3	2-Nil	7	3	Nil	90
Remington 40XB Rangemaster (SB, 6x47mm)	SS	3	2-Nil	7	3	Nil	96
Remington 40XB Rangemaster (SB, 6mm)	SS	3	2-Nil	7	4	Nil	86
Remington 40XB Rangemaster	SS	3	2-Nil	7	4	Nil	89



(SB, .243)							
Remington 40XB Rangemaster (SB, .25-06)	SS	4	2-3-Nil	7	4	Nil	81
Remington 40XB Rangemaster (SB, 7mm BR)	SS	4	2-3-Nil	7	4	Nil	94
Remington 40XB Rangemaster (SB, 7mm Magnum)	SS	4	1-2-3	7	4	Nil	107
Remington 40XB Rangemaster (SB, 7.62mm)	SS	4	2-3-Nil	7	4	Nil	107
Remington 40XB Rangemaster (SB, .30-06)	SS	5	2-3-Nil	7	4	Nil	98
Remington 40XB Rangemaster (SB, .30-338)	SS	5	1-2-3	7	4	Nil	117
Remington 40XB Rangemaster (SB, .300)	SS	5	1-2-3	7	4	Nil	111
Remington 40XB Rangemaster (HB, .222)	BA	3	2-Nil	8	2	Nil	96
Remington 40XB Rangemaster (HB, .222 Magnum)	BA	3	1-2-Nil	8	2	Nil	110
Remington 40XB Rangemaster (HB, .22-250)	BA	3	2-Nil	8	2	Nil	90
Remington 40XB Rangemaster (HB, 5.56mm)	BA	3	2-Nil	8	2	Nil	94
Remington 40XB Rangemaster (HB, 6x47mm)	BA	3	2-Nil	8	3	Nil	101
Remington 40XB Rangemaster (HB, 6mm)	BA	4	2-Nil	8	3	Nil	90
Remington 40XB Rangemaster (HB, .243)	BA	3	2-Nil	8	3	Nil	94
Remington 40XB Rangemaster (HB, 7mm BR)	BA	4	2-3-Nil	8	4	Nil	99
Remington 40XB Rangemaster (HB, 7mm Magnum)	BA	4	1-2-3	8	4	Nil	115
Remington 40XB Rangemaster (HB, 7.62mm)	BA	4	2-3-Nil	8	4	Nil	112
Remington 40XB Rangemaster Rimfire	SS	1	Nil	6	1	Nil	63
Remington 40XB Rangemaster Rimfire Repeater	BA	1	Nil	6	1	Nil	63

Remington 40XBBR (.22 BR)	SS	3	1-Nil	7	2	Nil	94
Remington 40XBBR (.222)	SS	3	2-Nil	7	2	Nil	91
Remington 40XBBR (.222 Magnum)	SS	3	1-2-Nil	7	2	Nil	105
Remington 40XBBR (5.56mm)	SS	3	2-Nil	7	2	Nil	90
Remington 40XBBR (6x47mm)	SS	3	2-Nil	7	2	Nil	96
Remington 40XBBR (6mm BR)	SS	3	2-Nil	7	2	Nil	95
Remington 40XBBR (7.62mm)	SS	4	2-3-Nil	7	3	Nil	107
Remington 40XC National Match	BA	4	2-3-Nil	8	4	Nil	104
Remington 40XBBR KS (.22 BR)	SS	3	1-Nil	6	2	Nil	94
Remington 40XBBR KS (.222)	SS	3	2-Nil	7	2	Nil	91
Remington 40XBBR KS (.222 Magnum)	SS	3	1-2-Nil	7	2	Nil	105
Remington 40XBBR KS (5.56mm)	SS	3	2-Nil	7	2	Nil	90
Remington 40XBBR KS (6x47mm)	SS	3	2-Nil	7	2	Nil	96
Remington 40XBBR KS (6mm BR)	SS	3	2-Nil	7	2	Nil	95
Remington 40XBBR KS (7.62mm)	SS	4	2-3-Nil	7	4	Nil	107
Remington 40XB KS	SS	3	1-2-Nil	7	3	Nil	98
Remington 40XR KS (.222)	SS	3	2-Nil	7	2	Nil	97
Remington 40XR KS (.222 Magnum)	SS	3	1-2-Nil	7	2	Nil	111
Remington 40XR KS (7.62mm)	SS	4	2-3-Nil	7	3	Nil	113
Remington 40XR KS (.30-06)	SS	5	2-3-Nil	7	3	Nil	105
Remington 40XC National Match KS	BA	4	2-3-Nil	8	4	Nil	104
Remington 40XR National Match KS	BA	4	2-3-Nil	7	4	Nil	96

Remington No. 1 Rolling Block

Notes: This single-shot rifle is a faithful reproduction of the No. 1 Rolling Block Creedmoor Sporter rifle of 1875 – Remington insists that it is *not* a replica, but instead a genuine reproduction. It was introduced in 1997 in the original .45-70 chambering, and can take both blackpowder and modern propellant rounds. The barrel is an incredible 30 inches long, and id octagonal half its length, allowing for a very strong barrel that also minimizes weight. The stock and pistol grip wrist are from American walnut, using the original finishing methods, and the butt plate is of iron, not steel. The rear sight is a folding diopter-adjusting sight, with four interchangeable front sight beads in a tunnel protector. A variant is the Mid-Range Sporter, chambered for two more calibers, and with a 30-inch round

barrel, rear adjustable leaf sight, and open front bead sight. The Mid-Range Sporter can also be found with the heavier barrel of the Creedmoor Sporter and its sights as well. This version was introduced in 1998. In 2001, the name of the Creedmoor Sporter was changed to the Silhouette, but the rifle was not otherwise altered. These rifles are sold only through the Remington Custom Shop.

Twilight 2000 Notes: These rifles do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Creedmoor Sporter	.45-70 Government	4.5 kg	1 Internal	\$388
Mid-Range Sporter	.30-30 Winchester	3.9 kg	1 Internal	\$429
Mid-Range Sporter	.444 Marlin	3.43 kg	1 Internal	\$375
Mid-Range Sporter	.45-70 Government	3.48 kg	1 Internal	\$380
Mid-Range Sporter (Heavy Barrel)	.30-30 Winchester	5.16 kg	1 Internal	\$437
Mid-Range Sporter (Heavy Barrel)	.444 Marlin	4.44 kg	1 Internal	\$383
Mid-Range Sporter (Heavy Barrel)	.45-70 Government	4.5 kg	1 Internal	\$388

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Creedmoor Sporter	SS	4	2-3-Nil	7	4	Nil	110
Mid-Range Sporter (.30-30)	SS	4	2-3-Nil	7	5	Nil	105
Mid-Range Sporter (.444)	SS	4	1-2-Nil	7	4	Nil	108
Mid-Range Sporter (.45-70)	SS	4	2-3-Nil	7	4	Nil	107
Mid-Range Sporter (HB, .30-30)	SS	4	2-3-Nil	8	4	Nil	108
Mid-Range Sporter (HB, .444)	SS	4	1-2-Nil	7	4	Nil	111
Mid-Range Sporter (HB, .45-70)	SS	4	2-3-Nil	7	4	Nil	110

Remington XR-100

Notes: This single-shot rifle is an XP-100 pistol enlarged to rifle sized – sort of. The designers actually had to make several changes to the design to make it work as a rifle, and not just adding a stock and longer barrel, either. The action is also slightly larger for more reliability, and the rear part of the receiver is lengthened to allow it to accept a scope mount with the proper placement for use with a rifle-sized weapon. (The XR-100 has no iron sights.) The bolt handle does not have the "dogleg" of the XP-100, being a standard, slightly curved bolt-action handle instead. The ejection port is almost 7mm smaller than that of the XP-100, making the action more rigid and further enhancing its reliability. The trigger is externally adjustable, unlike that of the XP-100. The safety is also more reliable than that of the XP-100. The stock, made of laminated hardwood, has a cheek swell in it, as well as a thumbhole, and there are barrel cooling cuts in the fore-end.

Twilight 2000 Notes: This rifle does not exist.

Weapon	Ammunition	Weight	Magazines	Price
XR-100	.204 Ruger	4.14 kg	1 Internal	\$521
XR-100	5.56mm NATO	4.14 kg	1 Internal	\$557

XR-100	.22-250 Remington	4.14 kg	1 Internal	\$581
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Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
XR-100 (.204)	SS	3	1-Nil	6	2	Nil	74
XR-100 (5.56mm)	SS	3	1-Nil	6	3	Nil	83
XR-100 (.22-250)	SS	3	2-Nil	6	3	Nil	79

**Ruger No. 1**

Notes: This traditional single-shot rifle was first introduced in 1966. The rifle uses a falling block action, operated by the handle which forms a part of the trigger guard. The weapon normally ejects the spent cartridge case when the handle is actuated, but this ejector may be disengaged and the spent round removed manually (presumably to facilitate recovery of the case). There is a safety catch on the neck of the stock. The mechanism is simple, strong, and compact, and can be adapted to a large number of chamberings. It should be noted that versions and chamberings of the Ruger No. 1 have come and gone, and reappeared, over the years; some are now hard to find, while others may come around again if you wait long enough. The No.1s design also readily lends itself to the use of blackpowder ammunition.

The original version of this rifle was the No.1-B Standard; this rifle was chambered for 9 cartridges, but later several more chamberings were added: in 1973, .338 Winchester Magnum; in 1979, .280 Remington; in 1984, 5.56mm NATO; in 1986, .270 and .300 Weatherby Magnum; in 1987, .257 Roberts; in 1992, .218 Bee; in 1993, .22 Hornet, and in 2002, 7.62mm NATO. The No. 1-B has a walnut stock, metalwork of steel and deeply blued, and no iron sights (but drilled and tapped for a scope, and also including a quarter-rib scope mount), and a 26-inch barrel. The butt has a thick rubber pad on it. In 1997, a stainless steel version of this rifle was introduced, the K1-B-BBZ; this version is made in less chamberings, but many of these chamberings are different than the No. 1-B. As with the No. 1-B, the 7.62mm NATO chambering was not available until 2002, and the .204 Ruger chambering in 2004.

The No. 1-A Light Sporter was introduced in 1968; it has a barrel 4 inches shorter and is much lighter. It has a folding leaf rear sight and a high front gold bead sight. The stock is of walnut, with an indented fore-end (similar to the Henry rifles). Unlike most of the No. 1 series, the No. 1-A remained virtually unchanged, with only one variant appearing (the No. 1-AB Light Standard), in two additional chamberings and two chamberings standard for No. 1-As. The No. 1-AB did not sell well and was pulled from the market in 1983; it did not appear again until 2005, this time chambered only for .204 Ruger. In addition, the .204 Ruger chambering was added to the No. 1-A. (Personal Note: I honestly cannot see any difference between the No. 1-A and No. 1-AB, except for the chamberings of the pre-1987 version...) A new (as I write this in late-October 2009) chambering was added – the .300 Ruger Compact Magnum, essentially a super-short Magnum round.

The No. 1-S Medium Sporter was introduced in 1967. This version has a 26-inch barrel for most chamberings, and a laminated walnut stock with a Henry-type indentation in the fore-end. It was introduced in two chamberings, but .45-70 Government was introduced in 1973 (but available only with a 22-inch barrel). 1992 saw a .218 Bee chambering introduced. A stainless steel model, the K1-S-BBZ, came out in 2001, chambered only for .45-70 Government and only with a 22-inch barrel; it is identical to the standard .45-70 No. 1-S for game purposes. By 2007 only the .45-70 chambering and a new chambering, 9.3x74R, were available.

The No. 1-H Tropical Rifle was also introduced in 1968. This rifle is designed for heavy magnum cartridges, and has a 24-inch heavy barrel. The Tropical Rifle has a folding rear leaf sight on a short barrel rib which is also capable of taking a telescopic sight. The Tropical Rifle has a sling, unlike other No. 1s. New chamberings for this version did not appear until 1992, when a .416 Rigby version came out; in 1993, .404 Jeffery and .416 Remington Magnum were also added. (The .404 Jeffery version was removed from the market in 1995.) A stainless steel version of this rifle, the K1-H-BBZ, was introduced in 2000, chambered only for .375 H&H Magnum; it is identical to the .375 version of the Tropical Rifle for game purposes. A .405 Winchester was added in the early 2000s to the standard No. 1-H, and in 2007 the .450/400 Nitro Express, and the .458 Lott chamberings were also added; in addition, the .405 Winchester, .416 Rigby and .458 Lott chamberings were added to the K1-H-BBZ.

1969 saw the introduction of the No. 1-V Special Varminter. This version has a heavy 24-inch barrel and is made primarily for small calibers. Instead of the raised barrel rib for mounting scopes and/or sights, the Special Varminter is drilled and tapped directly for a scope mount, and comes with rings for a scope. It has no iron sights. It was introduced in six chamberings, but in 1974 the .222 Remington chambering was dropped, and from 1991-93, the 6mm Remington chambering was also not produced. From 1993-98, .22 PPC and 6mm PPC chamberings were produced. In 1990, the barrel length for the .220 Swift chambering was changed to 26 inches due to the cartridge's ballistic characteristics. A stainless steel version of this rifle (the K1-V-BBZ) was added to the line; this version was chambered only in .22-250 Remington, and is identical to the standard Special Varminter in that caliber for game purposes. The two 6mm chamberings and the .22 PPC were stricken in the early 2000s, but the .25-06 chambering was added. The K1-V-BBZ added the .204 Ruger chambering at about the same time, with an optional 26-inch barrel.

From 1972-86, a simplified version of the No. 1, called the No. 3, was built. The No. 3 had a simplified low-wall mechanism and a shorter 22-inch barrel. This weapon was introduced in two chamberings. In 1974, .45-70 Government was added. In 1980, 5.56mm NATO and .375 Winchester were added. In 1985, .44 Magnum was introduced to the No. 3. The .30-40 Krag chambering was removed in 1979, and by 1985, the No. 3 was available only in .44 Magnum and .45-70 Government.

The No. 1-RSI International appeared in 1983. This is a carbine version with a full-length Mannlicher-type stock and a short 20-inch barrel. It was introduced in three chamberings, but 7mm Mauser was introduced to the range in 1984.

Twilight 2000 Notes: Models of this rifle chambered in 7.62mm NATO do not exist in the Twilight 2000 timeline. In addition, the K1-B-BBZ, K1-S-BBZ, K1-H-BBZ, K1-V-BBZ do not exist.

Weapon	Ammunition	Weight	Magazines	Price
No. 1-B	.204 Ruger	3.66 kg	1 Internal	\$399
No. 1-B	.218 Bee	3.6 kg	1 Internal	\$393
No. 1-B	.22 Hornet	3.63 kg	1 Internal	\$395
No. 1-B	.220 Swift	3.89 kg	1 Internal	\$417
No. 1-B	5.56mm NATO	3.76 kg	1 Internal	\$405
No. 1-B	.22-250 Remington	3.81 kg	1 Internal	\$409
No. 1-B	6mm Remington	4.03 kg	1 Internal	\$427
No. 1-B	.243 Winchester	3.97 kg	1 Internal	\$422
No. 1-B	.25-06 Remington	4.23 kg	1 Internal	\$444
No. 1-B	.257 Roberts	4.13 kg	1 Internal	\$436
No. 1-B	.270 Winchester	4.4 kg	1 Internal	\$460
No. 1-B	.270 Weatherby Magnum	4.4 kg	1 Internal	\$461
No. 1-B	.280 Remington	4.45 kg	1 Internal	\$465
No. 1-B	7mm Remington Magnum	4.43 kg	1 Internal	\$463
No. 1-B	7.62mm NATO	4.37 kg	1 Internal	\$458
No. 1-B	.30-06 Springfield	4.61 kg	1 Internal	\$481
No. 1-B	.300 Winchester Magnum	5 kg	1 Internal	\$1016
No. 1-B	.300 Weatherby Magnum	5.09 kg	1 Internal	\$1026
No. 1-B	.338 Winchester Magnum	5.17 kg	1 Internal	\$1034
K1-B-BBZ	.243 Winchester	3.97 kg	1 Internal	\$422
K1-B-BBZ	.25-06 Remington	4.23 kg	1 Internal	\$444
K1-B-BBZ	.270 Winchester	4.4 kg	1 Internal	\$460
K1-B-BBZ	7mm Remington Magnum	4.43 kg	1 Internal	\$463
K1-B-BBZ	7mm STW	4.58 kg	1 Internal	\$478
K1-B-BBZ	7.62mm NATO	4.37 kg	1 Internal	\$458
K1-B-BBZ	.30-06 Springfield	4.61 kg	1 Internal	\$481
K1-B-BBZ	.300 Winchester Magnum	5 kg	1 Internal	\$1016



No. 1-A	.204 Ruger	3.04 kg	1 Internal	\$358
No. 1-A	.243 Winchester	3.3 kg	1 Internal	\$381
No. 1-A	.270 Winchester	3.66 kg	1 Internal	\$419
No. 1-A	7mm Mauser	3.59 kg	1 Internal	\$412
No. 1-A	.30-06 Springfield	3.83 kg	1 Internal	\$440
No. 1-A	.300 Ruger Compact Magnum	3.67 kg	1 Internal	\$422
No. 1-AB	.204 Ruger	3.04 kg	1 Internal	\$358
No. 1-AB	5.56mm NATO	3.18 kg	1 Internal	\$364
No. 1-AB	.270 Winchester	3.66 kg	1 Internal	\$419
No. 1-AB	7mm Mauser	3.59 kg	1 Internal	\$412
No. 1-AB	.30-06 Springfield	3.83 kg	1 Internal	\$440
No. 1-H	.375 H&H Magnum	3.7 kg	1 Internal	\$1070
No. 1-H	.404 Jeffery	4 kg	1 Internal	\$1127
No. 1-H	.405 Winchester	3.39 kg	1 Internal	\$1071
No. 1-H	.416 Ruger	3.85 kg	1 Internal	\$1075
No. 1-H	.416 Remington Magnum	3.95 kg	1 Internal	\$1118
No. 1-H	.416 Rigby	3.97 kg	1 Internal	\$1122
No. 1-H	.450-400 Nitro Express 2 3/8"	3.69 kg	1 Internal	\$1048
No. 1-H	.450-400 Nitro Express 3"	3.98 kg	1 Internal	\$1101
No. 1-H	.458 Winchester Magnum	4.1 kg	1 Internal	\$1133
No. 1-H	.458 Lott	4.26 kg	1 Internal	\$1148
No. 1-RSI	.243 Winchester	3.3 kg	1 Internal	\$361
No. 1-RSI	.270 Winchester	3.66 kg	1 Internal	\$399
No. 1-RSI	7mm Mauser	3.59 kg	1 Internal	\$392
No. 1-RSI	.30-06 Springfield	3.83 kg	1 Internal	\$420
No. 1-S	.218 Bee	3.02 kg	1 Internal	\$395
No. 1-S	7mm Remington Magnum	3.6 kg	1 Internal	\$463
No. 1-S	.300 Winchester Magnum	4.08 kg	1 Internal	\$1016
No. 1-S	.300 H&H Magnum	4.16 kg	1 Internal	\$1027

No. 1-S	.338 Ruger Compact Magnum	3.73 kg	1 Internal	\$438
No. 1-S	9.3x74R	4.35 kg	1 Internal	\$1089
No. 1-S	.375 Ruger	4.4 kg	1 Internal	\$953
No. 1-S	.45-70 Government	3.3 kg	1 Internal	\$369
No. 1-S	.460 Smith & Wesson Magnum	3.5 kg	1 Internal	\$361
No. 1-S	.475 Linebaugh and .480 Ruger	3.39 kg	1 Internal	\$357
No. 1-V (24" Barrel)	.204 Ruger	3.79 kg	1 Internal	\$385
No. 1-V (26" Barrel)	.204 Ruger	3.85 kg	1 Internal	\$406
No. 1-V	.22 PPC	3.88 kg	1 Internal	\$391
No. 1-V (24" Barrel)	.220 Swift	4.1 kg	1 Internal	\$408
No. 1-V (26" Barrel)	.220 Swift	4.17 kg	1 Internal	\$430
No. 1-V	.22-250 Remington	4.01 kg	1 Internal	\$401
No. 1-V	.222 Remington	3.99 kg	1 Internal	\$399
No. 1-V	5.56mm NATO	3.96 kg	1 Internal	\$397
No. 1-V	.25-06 Remington	4.21 kg	1 Internal	\$430
No. 1-V	6mm PPC	3.96 kg	1 Internal	\$397
No. 1-V	6mm Remington	4.24 kg	1 Internal	\$419
No. 1-V	.25-06 Remington	4.44 kg	1 Internal	\$436
No. 3	.22 Hornet	3.5 kg	1 Internal	\$355
No. 3	5.56mm NATO	3.62 kg	1 Internal	\$364
No. 3	.30-40 Krag	4.45 kg	1 Internal	\$432
No. 3	.375 Winchester	5.09 kg	1 Internal	\$912
No. 3	.44 Magnum	3.7 kg	1 Internal	\$343
No. 3	.45-70 Government	3.3 kg	1 Internal	\$369

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
No. 1-B (.204)	SS	3	1-Nil	6	2	Nil	67
No. 1-B (.218)	SS	3	1-Nil	6	2	Nil	76
No. 1-B (.22 Hornet)	SS	3	1-Nil	6	2	Nil	77

No. 1-B (.220)	SS	3	2-Nil	6	3	Nil	65
No. 1-B (5.56mm)	SS	3	1-Nil	6	2	Nil	76
No. 1-B (.22-250)	SS	3	2-Nil	6	3	Nil	72
No. 1-B (6mm Rem)	SS	3	2-Nil	6	4	Nil	70
No. 1-B (.243)	SS	3	2-Nil	6	3	Nil	76
No. 1-B (.25-06)	SS	4	2-3-Nil	7	4	Nil	67
No. 1-B (.257)	SS	4	2-Nil	6	4	Nil	74
No. 1-B (.270 Win)	SS	4	2-3-Nil	7	4	Nil	70
No. 1-B (.270 Whby Mag)	SS	4	1-2-3	7	4	Nil	84
No. 1-B (.280)	SS	4	2-3-Nil	7	4	Nil	72
No. 1-B (7mm Rem Mag)	SS	4	1-2-3	7	4	Nil	88
No. 1-B (7.62mm)	SS	4	2-3-Nil	7	4	Nil	90
No. 1-B (.30-06)	SS	4	2-3-Nil	7	4	Nil	80
No. 1-B (.300 Win Mag)	SS	5	1-2-3	7	4	Nil	91
No. 1-B (.300 Whby Mag)	SS	5	1-2-3	7	4	Nil	84
No. 1-B (.338)	SS	6	1-3-Nil	7	5	Nil	105
K-1B-BBZ (.243)	SS	3	2-Nil	6	3	Nil	76
K-1B-BBZ (.25-06)	SS	4	2-3-Nil	7	4	Nil	67
K-1B-BBZ (.270 Win)	SS	4	2-3-Nil	7	3	Nil	70
K-1B-BBZ (7mm Rem Mag)	SS	4	1-2-3	7	4	Nil	88
K-1B-BBZ (7mm STW)	SS	4	1-2-3	7	4	Nil	77
K-1B-BBZ (7.62mm)	SS	4	2-3-Nil	7	4	Nil	90
K-1B-BBZ (.30-06)	SS	4	2-3-Nil	7	4	Nil	80
K-1B-BBZ (.300 Win Mag)	SS	5	1-2-3	7	4	Nil	91
No. 1-A (.204)	SS	3	1-Nil	6	3	Nil	55
No. 1-A (.243)	SS	3	2-Nil	6	3	Nil	60
No. 1-A (.270 Win)	SS	4	2-3-Nil	6	4	Nil	55
No. 1-A (7mm Mauser)	SS	4	2-3-Nil	6	4	Nil	64

No. 1-A (.30-06)	SS	4	2-3-Nil	6	4	Nil	62
No. 1-A (.300 RCM)	SS	5	1-2-3	6	4	Nil	86
No. 1-AB (.204)	SS	3	1-Nil	6	3	Nil	55
No. 1-AB (5.56mm)	SS	3	1-Nil	6	3	Nil	63
No. 1-AB (.270 Win)	SS	4	2-3-Nil	6	4	Nil	55
No. 1-AB (7mm Mauser)	SS	4	2-3-Nil	6	4	Nil	64
No. 1-AB (.30-06)	SS	4	2-3-Nil	6	4	Nil	62
No. 1-H (.375 H&H)	SS	7	1-3-5	7	6	Nil	97
No. 1-H (.404)	SS	7	1-3-5	7	6	Nil	106
No. 1-H (.405)	SS	6	1-2-Nil	6	4	Nil	102
No. 1-H (.416 Ruger)	SS	7	1-3-5	7	5	Nil	102
No. 1-H (.416 Rem Mag)	SS	7	1-3-5	7	6	Nil	106
No. 1-H (.416 Rigby)	SS	7	1-3-5	7	6	Nil	106
No. 1-H (.450-400 2.375")	SS	7	1-3-5	7	6	Nil	102
No. 1-H (.450-400 3")	SS	7	1-3-5	7	5	Nil	116
No. 1-H (.458 Win Mag)	SS	8	1-3-5	7	6	Nil	106
No. 1-H (.458 Lott)	SS	8	1-2-3	7	7	Nil	102
No. 1-RSI (.243)	SS	3	2-Nil	5	3	Nil	52
No. 1-RSI (.270)	SS	4	2-3-Nil	6	4	Nil	47
No. 1-RSI (7mm Mauser)	SS	4	2-3-Nil	6	4	Nil	55
No. 1-RSI (.30-06)	SS	4	2-3-Nil	6	4	Nil	54
No. 1-S (.218 Bee)	SS	3	1-Nil	6	3	Nil	76
No. 1-S (7mm Rem Magnum)	SS	4	1-2-3	7	4	Nil	88
No. 1-S (.300 Win Mag)	SS	5	1-2-3	7	4	Nil	91
No. 1-S (.300 H&H Magnum)	SS	5	1-2-3	7	4	Nil	84
No. 1-S (.338 RCM)	SS	5	1-2-3	6	4	Nil	86
No. 1-S (9.3mm)	SS	6	1-3-5	7	5	Nil	97
No. 1-S (.375 Ruger)	SS	6	1-3-Nil	6	5	Nil	86
No. 1-S (.45-70)	SS	4	2-3-Nil	6	4	Nil	72

No. 1-S (.460)	SS	5	1-2-Nil	6	4	Nil	86
No. 1-S (.475)	SS	5	1-2-Nil	6	4	Nil	79
No. 1-S (.480)	SS	5	1-2-Nil	6	3	Nil	74
No. 1-V (24", .204)	SS	3	1-Nil	6	2	Nil	63
No. 1-V (26", .204)	SS	3	1-Nil	6	2	Nil	69
No. 1-V (.22 PPC)	SS	3	1-Nil	6	2	Nil	77
No. 1-V (24", .220)	SS	3	2-Nil	6	2	Nil	63
No. 1-V (26", 220)	SS	3	2-Nil	7	2	Nil	70
No. 1-V (.22-250)	SS	3	2-Nil	6	2	Nil	70
No. 1-V (.222)	SS	3	1-Nil	6	2	Nil	71
No. 1-V (5.56mm)	SS	3	1-Nil	6	2	Nil	73
No. 1-V (.25-06)	SS	4	2-3-Nil	6	4	Nil	74
No. 1-V (6mm PPC)	SS	3	2-Nil	6	2	Nil	77
No. 1-V (6mm Rem)	SS	3	2-Nil	6	3	Nil	67
No. 1-V (.25-06)	SS	4	2-3-Nil	6	3	Nil	64
No. 3 (.22 Hornet)	SS	3	1-Nil	6	2	Nil	64
No. 3 (5.56mm)	SS	3	1-Nil	6	2	Nil	63
No. 3 (.30-40)	SS	4	2-3-Nil	6	4	Nil	67
No. 3 (.375 Win)	SS	5	2-4-Nil	6	5	Nil	72
No. 3 (.44 Magnum)	SS	4	1-1-Nil	5	2	Nil	74
No. 3 (.45-70)	SS	4	2-3-Nil	6	4	Nil	72

**Savage 30G-TD**

Notes: This is a takedown version of the Savage 30G single-shot rifle. The bolt is operated by lever action, and is otherwise a standard falling block action. The rifle has a heavy octagonal barrel, which helps accuracy and the balance of the weapon. The rifle slips apart easily with a simple turn of a screw (it can be done within one combat phase), and then slipping out the barrel and handguard. The sights are a combination of adjustable U-notch rear and bead front. The trigger weight is a bit heavy, but not heavy enough to daunt an experienced shooter.

Twilight 2000 Notes: This rifle does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Savage 30G-TD	.22 Long Rifle	1.93 kg	1 Internal	\$279

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 30G-TD	SS	1	Nil	5	1	Nil	44

**Stevens 72 Crackshot**

Notes: This is a single-shot rifle with an octagonal barrel. It is an old design with the old falling-block action.

Weapon	Ammunition	Weight	Magazines	Price
Stevens 72 Crackshot	.22 Short	2.04 kg	1 Internal	\$246
Stevens 72 Crackshot	.22 Long	2.04 kg	1 Internal	\$247
Stevens 72 Crackshot	.22 Long Rifle	2.04 kg	1 Internal	\$247

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Stevens 72 Crackshot (.22 Short)	SS	-1	Nil	5	1	Nil	36
Stevens 72 Crackshot (.22L)	SS	1	Nil	5	1	Nil	41
Stevens 72 Crackshot (.22LR)	SS	1	Nil	5	1	Nil	45

**Thompson/Center Encore Rifle**

Notes: Similar in concept to the G2 Contender Rifle below (though it predates that weapon), the Encore rifle uses a heavier barrel and a different mix of calibers (and for that matter, a different mix of calibers than the Encore pistol). It, like the G2 Contender rifle, is an Encore pistol turned into a break-open rifle by adding a stock, longer fore-end, and longer barrel. The Encore rifle is drilled and tapped for a Thompson/Center scope mount, and has alternate barrels with iron sights. The stock and fore-end may be made of walnut or composite material, and the metalwork may be blued or have a stainless steel finish. The pistol grip wrist is deep and there is a slight drop to the stock so that scopes are at eye level when the rifle is shouldered. The cheekpiece is of the Monte Carlo style, and there is a rubber recoil pad on the butt.

Weapon	Ammunition	Weight	Magazines	Price
Encore (24" Barrel)	.22 Hornet	2.65 kg	1 Internal	\$381
Encore (24" Barrel)	5.56mm NATO	2.74 kg	1 Internal	\$391
Encore (26" Barrel)	5.56mm NATO	2.79 kg	1 Internal	\$412



Encore (24" Barrel)	.22-250 Remington	2.77 kg	1 Internal	\$395
Encore (26" Barrel)	.22-250 Remington	2.82 kg	1 Internal	\$416
Encore (24" Barrel)	.243 Winchester	2.88 kg	1 Internal	\$408
Encore (24" Barrel)	.25-06 Remington	3.06 kg	1 Internal	\$430
Encore (26" Barrel)	.25-06 Remington	3.12 kg	1 Internal	\$451
Encore (24" Barrel)	7mm-08 Remington	3.06 kg	1 Internal	\$430
Encore (26" Barrel)	7mm Remington Magnum	3.27 kg	1 Internal	\$470
Encore (24" Barrel)	7.62mm NATO	3.17 kg	1 Internal	\$444
Encore (24" Barrel)	.30-06 Springfield	3.35 kg	1 Internal	\$467
Encore (26" Barrel)	.300 Winchester Magnum	3.71 kg	1 Internal	\$1036
Encore (26" Barrel)	.375 H&H Magnum	4.24 kg	1 Internal	\$1114
Encore (24" Barrel)	.45-70 Government	2.83 kg	1 Internal	\$395

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Encore (.22 Hornet)	SS	3	1-Nil	6	3	Nil	72
Encore (24", 5.56mm)	SS	3	1-Nil	6	3	Nil	71
Encore (26", 5.56mm)	SS	3	2-Nil	6	3	Nil	78
Encore (24", .22-250)	SS	3	1-Nil	6	3	Nil	68
Encore (26", .22-250)	SS	3	2-Nil	6	3	Nil	74
Encore (.243)	SS	3	2-Nil	6	3	Nil	70
Encore (24", .25-06)	SS	4	2-3-Nil	6	4	Nil	61
Encore (26", .25-06)	SS	4	2-3-Nil	7	4	Nil	69
Encore (7mm-08)	SS	4	2-3-Nil	6	4	Nil	82
Encore (7mm Magnum)	SS	4	1-2-3	7	4	Nil	91
Encore (7.62mm)	SS	4	2-3-Nil	6	4	Nil	84
Encore (.30-06)	SS	4	2-3-Nil	6	4	Nil	74
Encore (.300)	SS	5	1-2-3	7	4	Nil	94
Encore (.375)	SS	7	1-3-5	7	5	Nil	106
Encore (.45-70)	SS	4	2-3-Nil	6	4	Nil	85

Thompson/Center G2 Contender Rifle

Notes: This is basically the Thompson/Center G2 Contender pistol turned into a rifle by adding a stock, fore-end, and longer barrel. Like the G2 Contender pistol, it is a break-open single-shot weapon, but the barrel is heavier and longer. Unlike the G2 Contender pistol, the rifle has no iron sights as standard, but is drilled and tapped for a scope mount instead. There are however two alternate barrels, one with adjustable iron sights, and one with a sighting rib and a front sight bead. The barrels are interchangeable, allowing all the different calibers to be used if one has the proper barrels. The trigger is adjustable for travel, like the T/C G2 Contender pistol. Metalwork is blued.

Twilight 2000 Notes: This rifle is not available in the Twilight 2000 timeline.

Weapon	Ammunition			Weight	Magazines		Price
G2 Contender Rifle	.17 Hornady Magnum Rimfire			2.45 kg	1 Internal		\$351
G2 Contender Rifle	.22 Long Rifle			2.45 kg	1 Internal		\$338
G2 Contender Rifle	5.56mm NATO			2.45 kg	1 Internal		\$380
G2 Contender Rifle	6.8mm SPC			2.45 kg	1 Internal		\$397
G2 Contender Rifle	.30-30 Winchester			2.45 kg	1 Internal		\$434
G2 Contender Rifle	.45-70 Government			2.45 kg	1 Internal		\$377

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
G2 Contender Rifle (.17)	SS	2	1-Nil	6	1	Nil	62
G2 Contender Rifle (.22)	SS	1	Nil	6	1	Nil	47
G2 Contender Rifle (5.56mm)	SS	3	1-Nil	6	3	Nil	68
G2 Contender Rifle (6.8mm)	SS	3	1-2-Nil	6	4	Nil	75
G2 Contender Rifle (.30-30)	SS	4	2-3-Nil	6	5	Nil	79
G2 Contender Rifle (.45-70)	SS	4	2-3-Nil	6	4	Nil	79

Thompson/Center TCR 83

Notes: The TCR 83 (Thompson/Center Rifle) was one of the first of T/Cs rifle designs, built to be light and handy but deliver good accuracy for its relatively small size. As the name indicates, the TCR 83 was introduced in 1983, and was built until 1987. It is basically a standard sort of single-shot rifle, but has interchangeable barrels, allowing the use of several calibers in a single rifle. The action is break-open (like most of T/Cs single-shot designs), with a lever mounted on top the tang to unlock the weapon for loading. The stock is of polished walnut with a straight-comb and a pistol grip wrist. The pistol grip wrist is checkered, while the fore-end is grooved for a better hold. Though the TCR 83 normally had a standard trigger, a set trigger could be had upon request. The rear sight was a folding leaf, and the rifle is drilled and tapped. The barrel is medium-weight and 23 inches long.

Along with the TCR 83, the TCR 83 Aristocrat was built (until 1986); this was a deluxe version with a stock and fore-end of select walnut, a raised cheekpiece on the stock, checkering instead of grooves on the fore-end, and a standard set trigger. In 1987, the TCR 87 Hunter replaced the TCR 83; this was basically an improved TCR 83, and did not have iron sights unless requested by the buyer. The barrel could be a medium-weight or heavy-weight barrel. Sling swivels were added. A deluxe version, the TCR 87 Hunter Deluxe, was also built at the time. The two deluxe versions are identical to their parent designs for game purposes. Production of the TCR 87 Hunter stopped in 1995.

Weapon	Ammunition			Weight	Magazines		Price

TCR 83	.22-250 Remington			2.95 kg	1 Internal	\$309		
TCR 83	5.56mm NATO			2.91 kg	1 Internal	\$305		
TCR 83	.243 Winchester			3.08 kg	1 Internal	\$322		
TCR 83	7mm Remington Magnum			3.51 kg	1 Internal	\$364		
TCR 83	.30-06 Springfield			3.67 kg	1 Internal	\$381		
TCR 87 (Medium Barrel)	.22 Hornet			3.11 kg	1 Internal	\$296		
TCR 87 (Heavy Barrel)	.22 Hornet			3.13 kg	1 Internal	\$302		
TCR 87 (Medium Barrel)	.222 Remington			3.21 kg	1 Internal	\$304		
TCR 87 (Heavy Barrel)	.222 Remington			3.23 kg	1 Internal	\$310		
TCR 87 (Medium Barrel)	.22-250 Remington			3.34 kg	1 Internal	\$309		
TCR 87 (Heavy Barrel)	.22-250 Remington			3.36 kg	1 Internal	\$315		
TCR 87 (Medium Barrel)	5.56mm NATO			3.29 kg	1 Internal	\$305		
TCR 87 (Heavy Barrel)	5.56mm NATO			3.31 kg	1 Internal	\$311		
TCR 87 (Medium Barrel)	.243 Winchester			3.48 kg	1 Internal	\$322		
TCR 87 (Heavy Barrel)	.243 Winchester			3.5 kg	1 Internal	\$328		
TCR 87 (Medium Barrel)	.32-40 Winchester			4.03 kg	1 Internal	\$372		
TCR 87 (Heavy Barrel)	.32-40 Winchester			4.05 kg	1 Internal	\$378		
TCR 87 (Medium Barrel)	7mm-08 Remington			3.76 kg	1 Internal	\$345		
TCR 87 (Heavy Barrel)	7mm-08 Remington			3.78 kg	1 Internal	\$351		
TCR 87 (Medium Barrel)	7.62mm NATO			3.9 kg	1 Internal	\$358		
TCR 87 (Heavy Barrel)	7.62mm NATO			3.92 kg	1 Internal	\$364		
TCR 87 (Medium Barrel)	.30-06 Springfield			4.15 kg	1 Internal	\$381		
TCR 87 (Heavy Barrel)	.30-06 Springfield			4.17 kg	1 Internal	\$387		
TCR 87 (Medium Barrel)	.375 H&H Magnum			5.25 kg	1 Internal	\$946		
TCR 87 (Heavy Barrel)	.375 H&H Magnum			5.28 kg	1 Internal	\$963		
TCR 87 (Medium Barrel)	.416 Remington Magnum			5.63 kg	1 Internal	\$994		
TCR 87 (Heavy Barrel)	.416 Remington Magnum			5.66 kg	1 Internal	\$1012		
Weapon		ROF	Damage	Pen	Bulk	SS	Burst	Range

TCR 83 (.22-250)	SS	3	1-Nil	6	3	Nil	65
TCR 83 (5.56mm)	SS	3	1-Nil	6	3	Nil	68
TCR 83 (.243)	SS	3	2-Nil	6	3	Nil	66
TCR 83 (7mm Magnum)	SS	4	1-2-3	6	5	Nil	76
TCR 83 (.30-06)	SS	4	2-3-Nil	6	5	Nil	69
TCR 87 (Medium, .22)	SS	3	1-Nil	6	3	Nil	69
TCR 87 (Heavy, .22)	SS	3	1-Nil	6	3	Nil	71
TCR 87 (Medium, .222)	SS	3	1-Nil	6	3	Nil	69
TCR 87 (Heavy, .222)	SS	3	1-Nil	6	3	Nil	71
TCR 87 (Medium, .22-250)	SS	3	1-Nil	6	3	Nil	65
TCR 87 (Heavy, .22-250)	SS	3	1-Nil	6	3	Nil	67
TCR 87 (Medium, 5.56mm)	SS	3	1-Nil	6	3	Nil	68
TCR 87 (Heavy, 5.56mm)	SS	3	1-Nil	6	3	Nil	70
TCR 87 (Medium, .243)	SS	3	2-Nil	6	3	Nil	66
TCR 87 (Heavy, .243)	SS	3	2-Nil	6	3	Nil	68
TCR 87 (Medium, .32-40)	SS	4	2-3-Nil	6	4	Nil	79
TCR 87 (Heavy, .32-20)	SS	4	2-3-Nil	6	4	Nil	82
TCR 87 (Medium, 7mm-08)	SS	4	2-3-Nil	6	4	Nil	77
TCR 87 (Heavy, 7mm-08)	SS	4	2-3-Nil	6	4	Nil	80
TCR 87 (Medium, 7.62mm)	SS	4	2-3-Nil	6	4	Nil	79
TCR 87 (Heavy, 7.62mm)	SS	4	2-3-Nil	6	4	Nil	82
TCR 87 (Medium, .30-06)	SS	4	2-3-Nil	6	4	Nil	69
TCR 87 (Heavy, .30-06)	SS	4	2-3-Nil	6	4	Nil	72
TCR 87 (Medium, .375)	SS	7	1-3-5	7	5	Nil	88
TCR 87 (Heavy, .375)	SS	7	1-3-5	7	5	Nil	91
TCR 87 (Medium, .416)	SS	7	1-3-5	7	5	Nil	95
TCR 87 (Heavy, .416)	SS	7	1-3-5	7	5	Nil	99