

BARRETO

MANUFACTURING, INC.



INNOVATIVE EQUIPMENT ENGINEERED TO LAST
FULL PRODUCT LINE BROCHURE



OUR HISTORY



Greg Barreto, 1985

A REVOLUTIONARY IDEA

In 1982, Greg Barreto was a young father and a mechanic at a rental yard. He was frustrated with the constant repairs he faced when tillers came back from rentals. Having some natural engineering skills and having studied hydraulics, he knew there had to be a way to make a tougher tiller: one that was simple, rugged, durable, and able to stand up to the abuse of the rental market. He began to design and build. Months later, in his garage in Keizer, OR, Greg built the industry's first all-hydraulic tiller. He sold that tiller to the rental yard where he worked, and it continued to run at that location for more than 20 years. Greg and his wife Chris founded Barreto Manufacturing, Inc. in January of 1984.



1324D Trencher

Over the next few years, word of the revolutionary new tiller spread. The company grew quickly from the garage to leased space in his brother's machine shop, until an opportunity presented to move to a larger warehouse across the state in La Grande. Barreto Manufacturing continues to be headquartered in La Grande today, with additional manufacturing and warehouse facilities in Idaho and South Carolina.

LEADING THE INDUSTRY

With the success of the all-hydraulic tiller, Greg began to look for other products on the market that would benefit from similar technology. Recognizing the challenges his customers faced with mechanically driven trenchers, his knowledge of hydraulics and desire to innovate paved the way for a long line of "firsts" in the trencher market:

- The first compact all-hydraulic walk-behind trencher in 1995
- The first all-hydraulic, self-propelled mini walk-behind trencher in 2005
- The first all-hydraulic steerable walk-behind trencher in 2007
- The first all-hydraulic automatic-drive micro trencher in 2010

Through the years, the Barreto line of equipment has grown to include stump grinders, log splitters, wood chippers, and mini-skid steers. Over 80% of the components that go into a Barreto piece of equipment are manufactured and powder coated in-house to ensure quality and reduce lead times for both equipment and replacement parts.



30SG Stump Grinder



912HM Trencher

YOUR ROI

Greg Barreto continues to lead Barreto Manufacturing and his strong commitment to design and quality in manufacturing are key in helping his customers enjoy the greatest return on investment and satisfaction in their equipment. Each piece of Barreto equipment is designed to excel in the most adverse conditions, without the downtime often experienced in harsh rental and industrial environments. Backed by the philosophy that in order for a company to be successful, its customers must be successful, Greg and his team strive to provide the best quality and service possible to the industries they serve.

920 Log Splitter

"At Barreto Manufacturing, honesty and integrity are qualities we strive for. Our goal is to build loyalty and confidence by building the highest quality product, backing it with exceptional service, selling it at a fair price, and being above reproach in how we deal with our customers, our vendors, and our employees. We believe wholeheartedly in Proverbs 22:1: 'A good name is to be desired more than great riches.'

We know that a good name doesn't just happen. It is earned. It starts with treating others as we would like to be treated and continues with going the extra mile. But, because we are human, we humbly admit that we are less than perfect. We do purpose, however, to correct our mistakes. We desire to bring honor not to ourselves, but to our Lord and Savior, Jesus Christ, who freely gives eternal life in heaven to those who put their faith and trust in Him."



Greg & Chris Barreto



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SPECIFICATIONS: 825TKL

Dimensions:	U.S.	Metric:
Weight (no attachment)	2,950 lbs	1,338 kg
Operating height, max	105.75"	2.68 m
Overall Length	106.5"	2.7 m
Width, with 7" tracks	35.5"	.90 m
Width, with 9" tracks	36.5"	.93 m
Ground clearance	7.25 in	184 mm
Tipping capacity	2,325 lb	1,054.6 kg
Rated operating capacity 35% of tipping capacity	800 lb	362.88 kg
Angle of departure	28°	28°

Engine Options:

Kubota D1105 (HP: 25)	Kubota D1105	Kubota D1105
Fuel	Diesel	Diesel

Additional Specs:

Ground drive speed		
Forward	5.1 mph	7.2 kmh
Reverse	3.6 mph	5.8 kmh
Ground pressure*		
230 mm tracks	4.6 psi	.32 bar
180 mm tracks	5.9 psi	.41 bar



825TKL MINI TRACK LOADER

DESIGN

The 825TKL Mini Track Loader features an innovative cab-over design, allowing exceptional access to key components, cutting routine maintenance time, and improving your bottom line. The articulating rollers on the track system tackle uneven terrain and absorb impact, providing stability and comfort to the operator. The universal attachment plate on the TKL allows for the use of any industry-standard quick-change attachment, providing value by eliminating the unnecessary cost of brand-specific attachments.



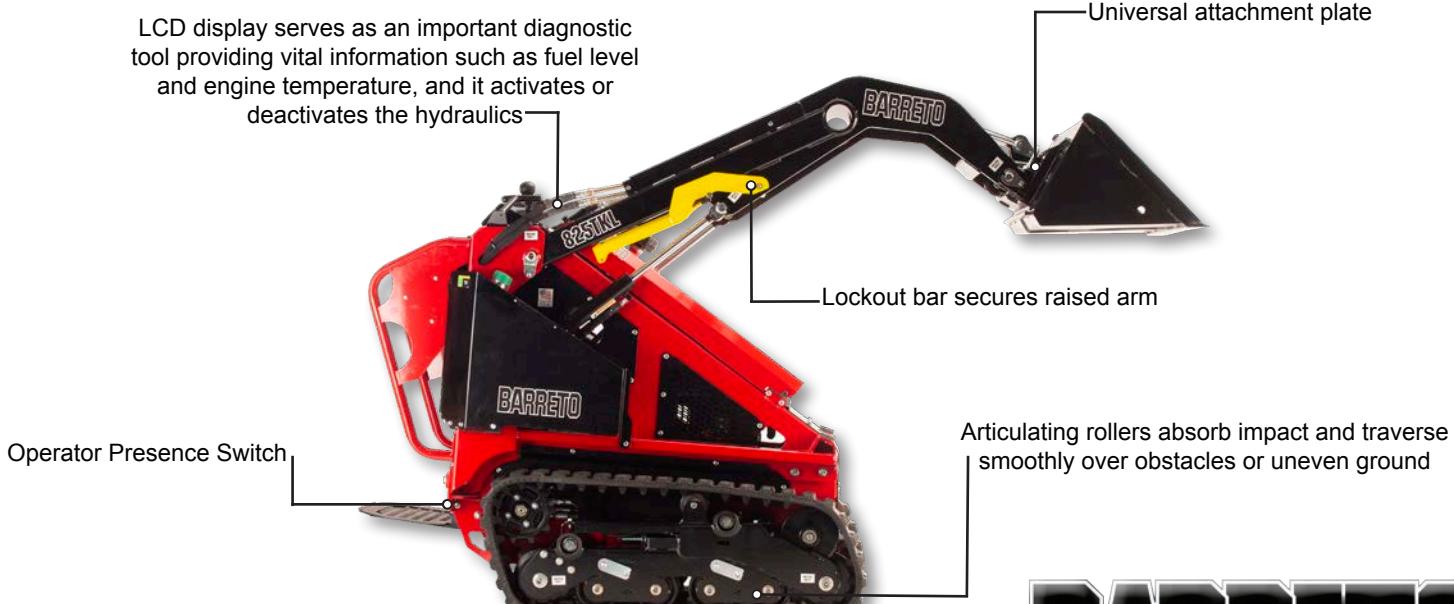
Cab-over design provides easy access to the engine, hydraulic pumps and components



Electronic display panel and user-friendly controls

CONTROLS

The TKL experience incorporates an electronic display panel that is clear and easy to understand. Featuring a unique High/Medium/Low speed selection, the operator can adjust the track drive speed of the TKL to the task at hand, benefiting both seasoned and novice operators. There are a variety of safety features on the TKL, including the Operator Presence Switch that senses when the operator is no longer standing on the ride platform. The TKL is also equipped with innovative Tip Over Protection, utilizing the machine's incline sensor to shut off the fuel supply and lock the TKL in the event of a rollover situation. A 4-digit safety code is required to restart the TKL, preventing potential engine damage and giving the owner opportunity to inspect and secure the machine.



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SPECIFICATIONS: 918H

Dimensions:	U.S.	Metric:
Weight	460 lbs	208.65 kg
Height	36"	914.44 mm
Length	66"	1.68 m
Width	20.75"	527.05 mm

Engine Options*:

Honda (HP: 8.5)	GX270	GX270
Fuel	Gasoline	Gasoline

Additional Specs:

Hydraulic Reservoir	7.8 gallons	29.53 liters
Ground Drive Forward	78 ft/min	23.77 m/min
Ground Drive Reverse	78 ft/min	23.77 m/min
Tine Speed	290 rpm	290 rpm



918H REAR TINE TILLER

DESIGN

All hydraulic means easy maintenance, no downtime, and the most efficient use of your horsepower to get the job done. Till effectively in small spaces with the 18" tilling width on this model. The open design provides easy access to the hydraulics when maintaining or repairing. The unique swivel handlebar featured on this compact unit means you can walk alongside your tiller rather than in your freshly tilled earth. The heavy design means your tiller works for you instead of tossing you around. Counter-rotating tines break up the most difficult soil, clay, or sod. Wheels and tines work independently of each other to allow your tilling travel speed to be adjusted to the soil conditions.



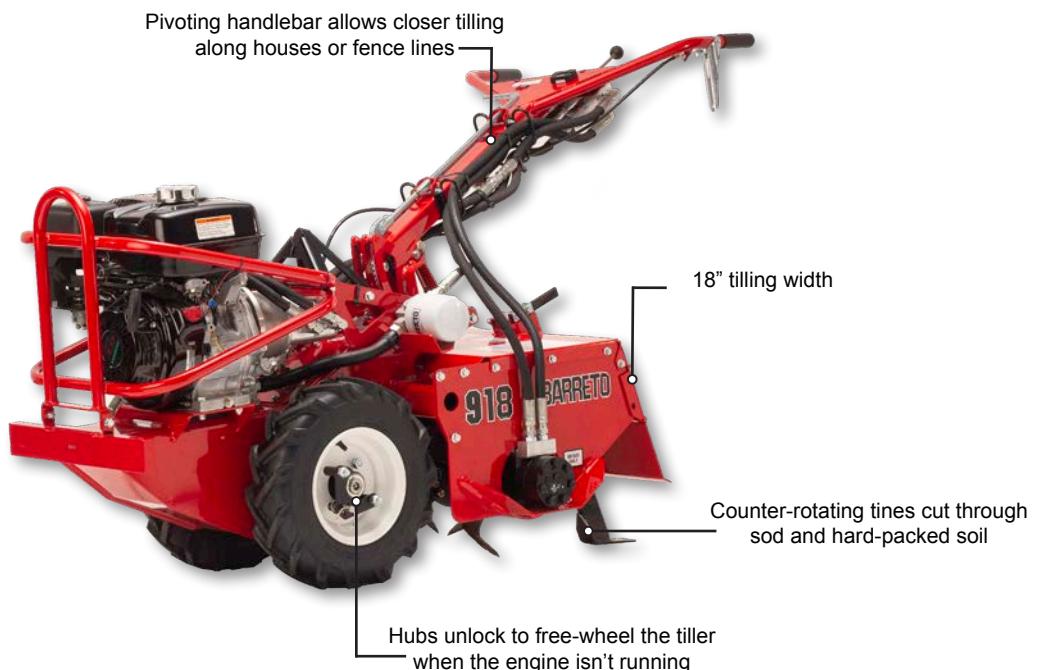
Multi-position handlebar increases operational height comfort



Simple controls are easy to learn and easy to operate

CONTROLS

The operator-friendly controls couldn't be easier: one handle to set the tine drive and one to adjust the wheel drive. Engage the clutch lever, use the variable speed drive to adjust the ground speed, and engage the tines when you are ready to till. If you need to stop for a moment, drop the clutch and the tines and wheels will stop, leaving your engine running and ready to pick up where you left off.



RECOMMENDED TRAILER



E3X4TBT Tilt Bed Trailer

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SPECIFICATIONS: 1320H/1620B

Dimensions:	U.S.	Metric:
Weight	560 lbs	254.01 kg
Height	44"	1.12 m
Length	77"	1.96 m
Width	27"	685.8 mm
Engine Options*:		
Honda (HP: 11.7)	GX390	GX390
Briggs Vanguard (HP: 16)	16hp V-Twin	16hp V-Twin
Fuel	Gasoline	Gasoline
Additional Specs:		
Hydraulic Reservoir	14 gallons	52.99 liters
Ground Drive Forward	85 ft/min	25.91 m/min
Ground Drive Reverse	85 ft/min	25.91 m/min
Tine Speed	260 rpm	260 rpm



1320H/1620B REAR TINE TILLER

DESIGN

All hydraulic means easy maintenance, no downtime, and the most efficient use of your horsepower to get the job done. Weight, balance, stability, and tine speed allow this tiller to work where others can't. The open design allows for easy access to the hydraulics when maintaining or repairing. The heavy design means your tiller works for you instead of tossing you around. The tine drive motor is directly mounted to the tine shaft resulting in a system so durable the original tiller was rented out for more than 20 years. Counter-rotating tines break up the most difficult soil, clay, or sod. The wheel drive and tine drive work independently of each other to allow your tilling travel speed to be adjusted to the soil conditions.



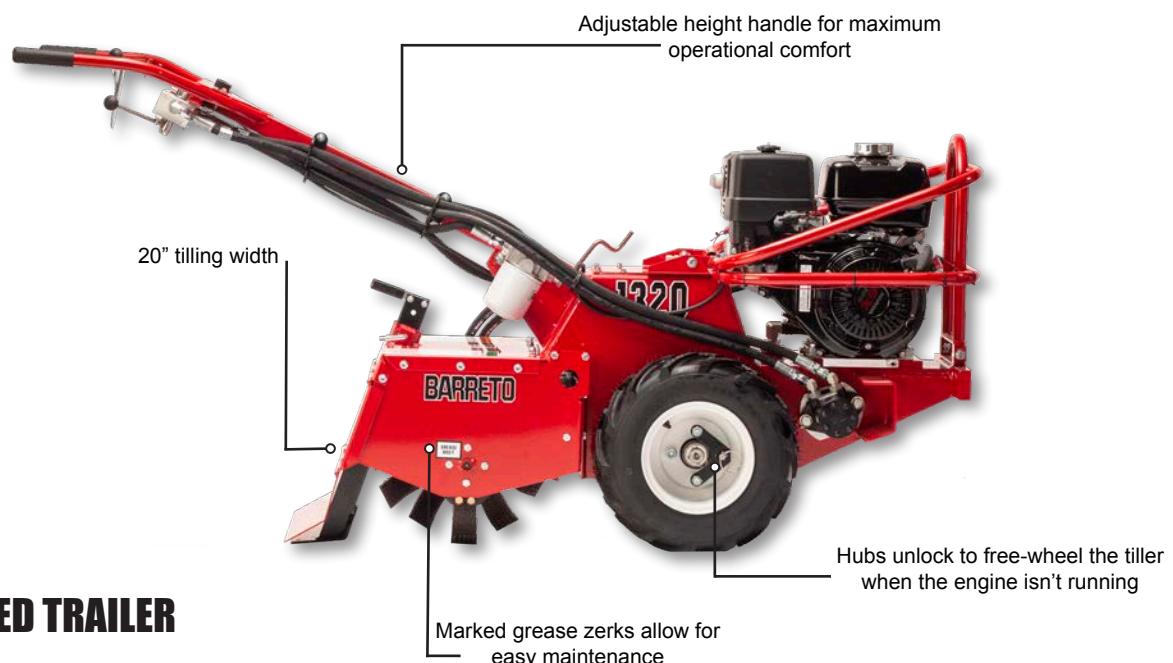
Hydraulics are easily accessed for maintenance and repair



Simple controls are easy to learn and easy to operate

CONTROLS

The operator-friendly controls couldn't be easier: one handle to set the tine drive and one to adjust the wheel drive. Engage the clutch lever, use the variable speed drive to adjust the ground speed, and engage the tines when you are ready to till. If you need to stop for a moment, drop the clutch and the tines and wheels will stop, leaving your engine running and ready to pick up where you left off.



RECOMMENDED TRAILER



E3X4TBT Tilt Bed Trailer

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BARRETO TRENCHERS

1324D Standard Trencher:

The first product in the Barreto line of walk-behind trenchers was the all-hydraulic 1324D standard trencher introduced in 1995. Built specifically for the rental market without belts, chains, or gears, the Barreto 1324D features a 900lb frame with a low center of gravity to provide stability. The hydraulic chain motor is attached directly to the head shaft, and the outboard bearing is designed to protect the auger shaft from bending due to impacting rocks and debris. The control panel is simple and understandable, and the safety clutch engages and disengages the wheel and chain drive.

912HM Mini Trencher:

In 2005, Barreto brought the first all-hydraulic, self-propelled mini walk-behind trencher to the rental market with the introduction of the 912HM Mini Trencher. Built to meet the needs of the residential contractor who may be working in tight spaces, this self propelled trencher can easily handle sprinkler systems, electrical lines, and other shallow trench applications. The 912HM saves on space while still providing the horsepower necessary to trench up to 24" deep. The boom pivot design keeps high wear components out of the dirt and is easily maintained. The front end pivots on a pin instead of a boom pivot bushing, reducing maintenance issues caused by dirt and debris.

712MT Micro Trencher:

The Barreto line of walk-behind trenchers also includes the 712MT Micro Trencher, introduced to the rental market in 2010, and it is the trencher with instincts. The 712MT features a load sensing valve system that automatically adjusts the wheel speed to the trenching conditions. When the digging



2024RTK



912HM



1324STK

chain requires more power, the wheel speed slows without having to adjust any of the controls. Perfect for the novice, easy for the professional.

2024RTK Track Trencher:

The 2024RTK Stand-on Track Trencher from Barreto was released in 2015 and features a fixed platform and unique fine tuning control adjustment that uses rod linkage instead of cables. The new Adjustable Trenching Control (ATC) can be placed into position to modify the trenching speed of the tracks individually while on the go. Individual track controls can be adjusted separately during operation allowing the operator to keep their trench straight when working on uneven terrain.

1324STK Track Trencher:

The newest addition to the Barreto family of trenchers is the 1324STK walk-behind track trencher developed in 2017 as a response to customer demand for a smaller track trencher. The 1324STK is a smaller, more compact machine than the Barreto large track trenchers, allowing it to fit in tighter areas, while still reaching dig depths of 24-30". The 1324STK features an innovative new track system and compact frame design that provides both stability and maneuverability. The floating track system utilizes independent undercarriage idlers that move in response to the terrain. The design keeps a significant portion of the track in contact with the terrain at all times, reducing ground pressure with increasing tension.

TRENCHER CHAIN OPTIONS

STANDARD CUP CHAIN

This chain has a cup tooth on every other link.

Where to use it:

The *Standard Cup Chain* is most effective in loamy soil that is able to be packed into clods. It is also effective in clay or "gumbo" soil that is sticky and clings to the chain.



DOUBLE CUP CHAIN

This chain has a cup tooth on every link.

Where to use it:

The *Double Cup Chain* is best for sand or dry, loose soil that has a tendency to fall back into the trench. The extra cups provide for better trench clean-out.



COMBO/SHARK CHAIN

This chain has an alternating pattern of cup and shark teeth.

Where to use it:

The *Combo/Shark Chain* is designed for areas with variable soil types. The shark teeth are effective in rocky soil or hard pan while the cups provide for efficient trench clean-out. This chain continues to be aggressive even as the cups get rounded. This is our most commonly sold chain.



BOLT-ON SHARK CHAIN

This chain utilizes a standard chain blank and has shark teeth bolted to the blank.

Where to use it:

The *Bolt-On Shark Chain* is good in rocky soil, limestone, hardpan, and any other hard-to-dig soils. It does not clean out well in sandy, dry, loose, or loamy soil. The teeth can be removed when the chain wears out and can be used on a new blank. It is not uncommon for the teeth to last through two chains.



WELDED SHARK CHAIN

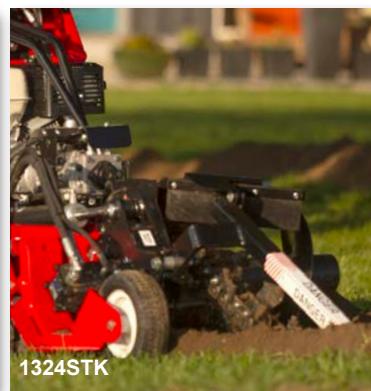
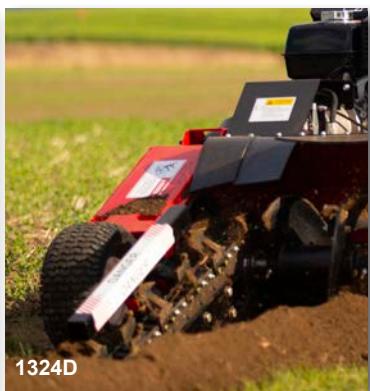
The teeth on this chain are all shark teeth that are welded onto the chain. Replacement teeth are not available for this chain.



Where to use it:

The *Welded Shark Chain* can be used in the most adverse soils. It is good in rocky soil, limestone, hardpan, and any other hard-to-dig soils. It does not clean out well in sandy, dry, loose, or loamy soil. This is not the fastest chain, but it is the most durable. It is not uncommon for the teeth to outlast the chain rollers. When the rollers wear out, the complete chain must be replaced.

NOTE: Chains are available in 6" widths on full-size trenchers.



SPECIFICATIONS: 712MTH

Dimensions:	U.S.	Metric:
Weight	400 lbs	181.44 kg
Height	43"	1.09 m
Length	71.25"	1.81 m
Width	30.5"	774.7 mm
Wheel Base	25.25"	641.25 mm

Engine Options*:

Honda (HP: 5.5)	GX200	GX200
Fuel	Gasoline	Gasoline

Additional Specs:

Hydraulic Reservoir	1.5 gallons	5.68 liters
Ground Drive Forward	148 ft/min	45.11 m/min
Ground Drive Reverse	23 ft/min	7.01 m/min
Digging Chain Speed	200 ft/min	60.96 m/min



712MTH MICRO TRENCHER

DESIGN

The 712MT micro trencher features a unique automatic wheel drive propulsion system. This trencher utilizes a load-sensing hydraulic valve to adjust the trenching wheel speed to the load on the digging chain. When the load on the digging chain increases, the sensing valve sends less oil to the wheel drive motor and the wheel speed will automatically slow down. When the load on the digging chain decreases, the sensing valve sends more oil to the wheel drive motor and the wheel drive speed will automatically increase. This keeps a constant load on the engine, regardless of the depth of cut or differing soil conditions. Not only does this help the trencher run at optimal efficiency, it reduces stress on the components, increasing their longevity.



Load sensing valve automatically adjusts wheel speed to digging conditions



Simple controls are easy for even the most novice operator

CONTROLS

The automatic adjustment to the wheel drive motor eliminates the responsibility on the operator to constantly adjust their wheel speed. Nothing could be easier for the novice user. One control lever operates the wheel drive and one lever operates the chain drive. After engaging the chain drive lever, the operator just engages the wheel drive lever and lets the trencher do the work. When the wheel drive is in forward, the chain drive will not activate, eliminating costly repairs sometimes caused by inexperienced operators.



RECOMMENDED TRAILER



E3X4DGT Drop Gate Trailer

BARRETO
www.barretomfg.com

SPECIFICATIONS: 912HM

Dimensions:	U.S.	Metric:
Weight	620 lbs	281.23 kg
Height	43"	1.09 m
Length	81"	2.06 m
Width	28"	711.2 mm
Wheel Base	30"	762 mm

Engine Options*:

Honda (HP: 8.5)	GX270	GX270
Fuel	Gasoline	Gasoline

Additional Specs:

Hydraulic Reservoir	9.5 gallons	35.96 liters
Ground Drive Forward	132 ft/min	40.23 m/min
Ground Drive Reverse	58 ft/min	17.68 m/min
Digging Chain Speed	227 ft/min	69.19 m/min



912HM MINI TRENCHER

DESIGN

Sometimes the job demands a more compact approach without sacrificing production speed. To meet the needs of the residential contractor who may be working in tight spaces, this self-propelled trencher can easily handle sprinkler systems, electrical lines, and other shallow trench applications. The 912 saves on space while still providing the horsepower necessary to trench up to 24" deep. The boom pivot design keeps high wear components out of the dirt and is easily maintained. The front end pivots on a pin instead of a boom pivot bushing. This reduces maintenance issues often caused by dirt and debris.



The innovative boom pivot design keeps the pivot pin out of the dirt

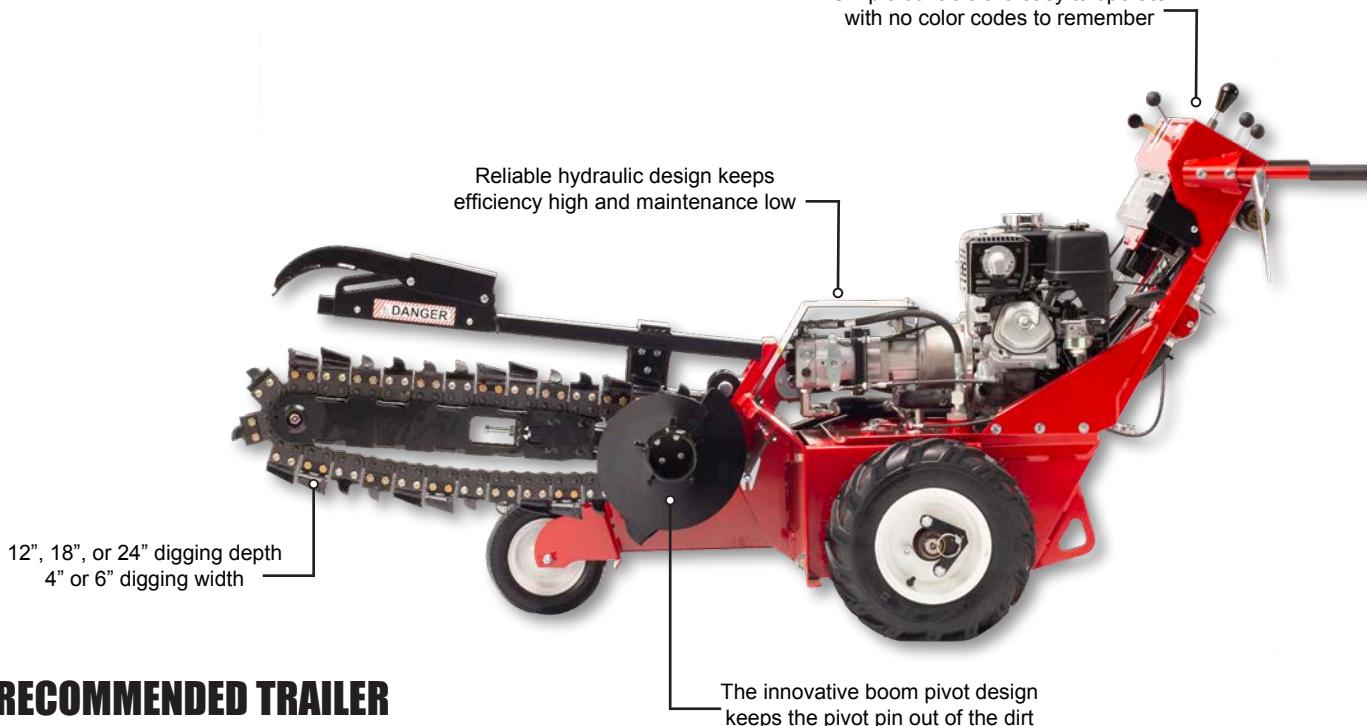


Reversible chain can be manually operated to dislodge debris

CONTROLS

The control panel is simple and understandable for even the novice operator. The safety clutch engages and disengages the wheel and chain drives. When the clutch is released, the engine continues to run and the controls remain in place, ready to resume trenching at any time. Variable speed drive allows the operator to adjust their wheel speed to the soil conditions. The reversible chain drive can be operated manually to dislodge obstructions or debris.

Simple controls are easy to operate with no color codes to remember



RECOMMENDED TRAILER



E4X6TBT-912 Tilt Bed Trailer

BARRETO
www.barretomfg.com

SPECIFICATIONS: 1324D/1624D

Dimensions:	U.S.	Metric:
Weight	900 lbs	408.23 kg
Height	45.25"	1.15 m
Length	83"	2.11 m
Width	35"	889 mm
Wheel Base	35"	889 mm
Engine Options*:		
Honda (HP: 11.7)	GX390	GX390
Briggs Vanguard	16hp V-Twin	16hp V-Twin
Fuel	Gasoline	Gasoline
Additional Specs:		
Hydraulic Reservoir	14 gallons	52.99 liters
Ground Drive Forward	180 ft/min	54.86 m/min
Ground Drive Reverse	90 ft/min	27.43 m/min
Digging Chain Speed	260 ft/min	79.25 m/min



1324D/1624D STANDARD TRENCHER

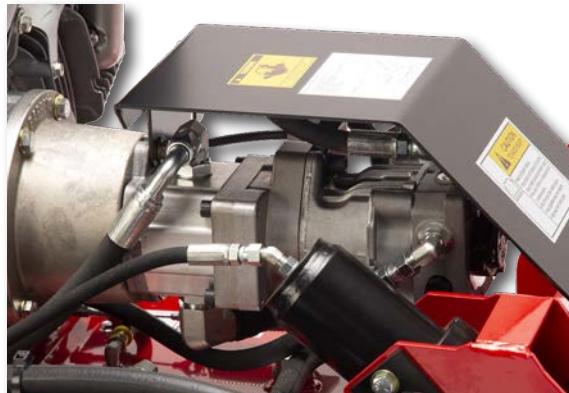
DESIGN

All-hydraulic means no belts, gears, or chains. The hydraulic chain drive motor is attached directly to the head shaft.

Maintenance is easy and repairs are minimized. A lower center of gravity provides stability. The outboard bearing is designed to protect the auger shaft from the bending that is sometimes caused by the impact of rocks or other debris when trenching.



Boom tension can be easily adjusted when needed



Hydraulic pumps are protected yet accessible

CONTROLS

The control panel is simple and understandable. The safety clutch engages and disengages the wheel and chain drives. When the clutch is released, the engine continues to run and the controls remain in place, ready for you to resume trenching at any time. Variable speed drive allows the operator to adjust their wheel speed to the soil conditions. The reversible chain drive can be operated manually to dislodge obstructions or debris. The operator can manually unlock the axle with a lever on the control panel for easier turning when transporting.

Simple controls are easy to operate
with no color codes to remember

24", 30", or 36" digging depth
4" or 6" digging width



RECOMMENDED TRAILER



E4X6TBT-D Tilt Bed Trailer

BARRETO
www.barretomfg.com

SPECIFICATIONS: 1324STK/1624STK

Dimensions:	U.S.	Metric:
Weight	1,085 lbs	493 kg
Height	52.5"	1.33 m
Length	84"	2.13 m
Width	33.25"	84.5 cm
Track Width	7.12"	180 mm
Total Ground Contact	262 sq in	.17 sq m

Engine Options:

Honda (HP: 11.7)	GX390	GX390
Briggs Vanguard (HP: 16)	16HP V-Twin	16HP V-Twin
Fuel	Gasoline	Gasoline

Additional Specs:

Hydraulic Reservoir	7.3 gallons	27.5 liters
Ground Drive Forward	210 ft/min	64.0 m/min
Ground Drive Reverse	100 ft/min	30.48 m/min



1324STK/1624STK TRACK TRENCHER

DESIGN

With its compact size and weight of 1,085 pounds, the STK track trencher is durable and ideal for tight access areas. The innovative track system and compact frame design provide both stability and maneuverability. A hydraulic cooler with incorporated fan keeps the oil temperatures regulated. Electric start is standard on all models. Efficient and functional, the STK is the perfect addition to any trencher fleet.



Hydraulic pumps are protected yet accessible



Simple controls are easy to operate

CONTROLS

The STK features our Adjustable Trenching Controls (ATC) that use rod linkage instead of cables. The ATC can be positioned to modify the trenching speed of the tracks individually while on the go. By utilizing the individual track controls, the operator has the ability to keep their trench straight when working on uneven terrain.

INDEPENDENT FLOATING TRACK SYSTEM

The floating track system utilizes independent undercarriage idlers that move in response to the terrain. This design keeps a significant portion of the track in contact with the terrain at all times, reducing ground pressure and increasing traction. The movement of the middle and rear idlers act as suspension and smooth the overall movement of the trencher. This provides for a more fluid operation than traditional track trenchers when working in rough and uneven conditions.



24" or 30" digging depth
4" or 6" digging width

Trencher chain adjustment

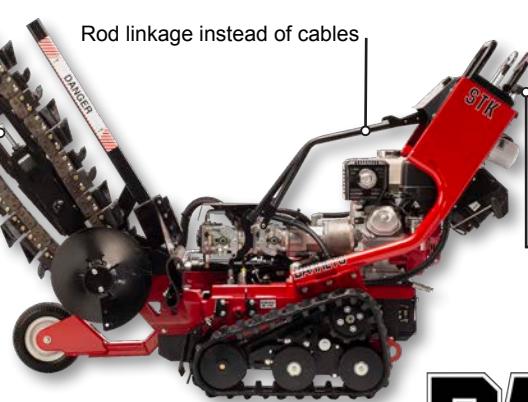
Rod linkage instead of cables

Adjustable Trenching Controls

RECOMMENDED TRAILER



E4X6TBT-STK Tilt Bed Trailer



BARRETO
www.barretomfg.com

SPECIFICATIONS: 2024RTK/2324RTK

Dimensions:	U.S.	Metric:
Weight	1,690 lbs	766.6 kg
Height	56.2"	1.44 m
Length	108"	2.77 m
Width	35.5"	901.7 mm
Track Width	7.1"	180 mm
Total Ground Contact	470 sq in	.303 sq m

Engine Options*:

Honda (HP: 20.8)	GX630	GX630
Honda (HP: 22.1)	GX690	GX690
Briggs Vanguard (HP: 23)	23HP V-Twin	23HP V-Twin
Fuel	Gasoline	Gasoline

Additional Specs:

Hydraulic Reservoir	14 gallons	52.99 liters
Ground Drive Forward	210 ft/min	64.8 m/min
Ground Drive Reverse	90 ft/min	27.4 m/min



2024RTK/2324RTK TRACK TRENCHER

DESIGN

The RTK Stand-on Track Trencher features a fixed platform, and with engine options of 20 or 23hp, it attacks the ground and the job with the power to meet the challenge. Trenching up to 48" deep and 6" wide, this trencher will take on anything that is thrown at it. The RTK trencher features a 7.1" wide track that creates 235 square inches of footprint on each side of the machine. This gives outstanding traction on wet soil, clay, sand, or steep terrain while softening the impact on any existing landscaping. The track absorbs most of the impact caused by rocks, roots, or other obstructions in the soil. The RTK features a weight advantage that improves traction, reduces impact on the operator, and provides stability. All models feature electric start. Refilling trenches is simple with the optional backfill blade attachment



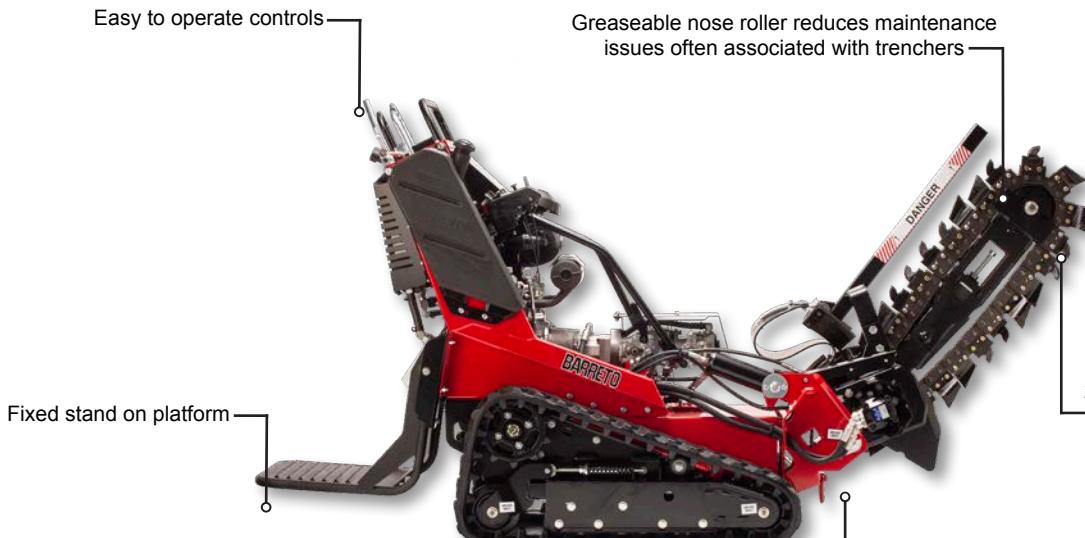
Hydraulic pumps are protected yet accessible



Simple one-handed controls are easy for any operator

CONTROLS

The RTK features a unique fine-tuning control adjustment that uses rod linkage instead of cables. The Adjustable Trenching Control (ATC) can be positioned to modify the trenching speed of the tracks individually while on the go. By utilizing the individual track controls, the operator has the ability to keep their trench straight when working on uneven terrain.



RECOMMENDED TRAILER



E4X6TBT-RTK Tilt Bed Trailer

RTK BACKFILL BLADE



Optional backfill blade attachment

24", 30", 36", 42" or 48" digging depth
4" or 6" digging width

The innovative boom pivot design
keeps the pivot pin out of the dirt

Large track footprint absorbs impact
and bucking when trenching

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BARRETO TREE CARE EQUIPMENT

13SGH Stump Grinder:

The Barreto 13SGH Stump Grinder was introduced in 2017. This stump grinder's unique design pivots over the center line of the wheels, allowing the grinding head to sweep easily across the stump, while the wheel base remains stationary.

The innovative design and compact stature of this stump grinder makes it ideal for tight access areas. The swivel head has a swing arc of 35° and the cutting wheel has eight carbide Greenteeth® with three cutting surfaces. The unique design provides limited need for maintenance and repair, allowing the stump grinders to remain in the field getting the job done.



30SG Stump Grinder:

In 2013, Barreto brought the 30SG Stump Grinder to the rental market. The 30SG has a hydraulically-driven cutter wheel that is raised and lowered into the stump and then moved from side to side to cut down. The tracks are driven by independent hydrostatic pumps mounted on

the rear of the engine for easy access and simple linkage control.

Counterbalance valves on each track drive prevent the motors from slipping while the cutter wheel is engaged, even while operating on a slope. All hydraulic drive to the cutter wheel eliminates costly belts.





37SG Stump Grinder:

Introduced to the Barreto tree care line in 2019, and designed on the same platform as the popular 30SG stump grinder, the 37SG combines the power of the 37HP Briggs & Stratton Vanguard V-Twin EFI engine with the reliability and innovation that is the Barreto standard. Favored by the rental industry, the all hydraulic drive to the cutter wheel eliminates costly belts and wear parts, translating into less maintenance and down time.

The 37SG is fitted with sixteen 900 series Greenteeth®, featuring three cutting edges for increased longevity. The 37SG utilizes a piston pump and motor, providing a highly durable alternative to its geared counterparts, increasing

efficiency and achieving the best possible performance from both the engine and the cutter wheel.

3107C Chipper:

The 3107C chipper was added

to the growing line of Barreto tree care products in the Spring of 2020. Powered by a 31hp Briggs & Stratton Vanguard V-Twin engine, the 3107C easily reduces branches to chips.

The 7" diameter capacity makes it a valuable addition to rental yards and tree care businesses alike. Easy access to the chipper wheel takes time and headaches out of your routine maintenance.

Featuring an efficient auto feed system, the 3107C senses the load and self-adjusts the feed rate, automatically slowing or stopping to allow the flywheel to maintain maximum RPMs. Electric start and safety features ensure this machine is easily operated by both experts and novice operators.



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www.barretomfg.com

SPECIFICATIONS: 13SGH/16SGB

Dimensions:

	U.S.	Metric:
Weight	406 lbs	184.16 kg
Height	54.5"	1.38 m
Length	74"	1.88 m
Width	.29"	.74 mm

Engine Options*:

Honda (HP: 11.7)	GX390	GX390
Briggs Vanguard (HP: 16)	16hp V-Twin	16hp V-Twin
Fuel	Gasoline	Gasoline

Additional Specs:

Head Swing	35°, 20" arc	35°, .51m arc
Heavy Duty Centrifugal Clutch Drive	Double 5/8" belt	Double 5/8" belt



13SGH/16SGB MINI STUMP GRINDER

DESIGN

Small but mighty, the Barreto 13SG/16SG stump grinder is a true workhorse. This stump grinder's unique design pivots over the center line of the wheels, allowing the grinding head to sweep easily across the stump, while the wheel base remains stationary. Engine options include the Honda GX390 or the 16hp Briggs & Stratton Vanguard V-Twin. The innovative design and compact stature of this stump grinder makes it ideal for tight access areas. The swivel head has a swing arc of 35° and the cutting wheel has eight carbide Greenteeth® with three cutting surfaces. Free-wheeling hubs facilitate easy travel to the jobsite, while the independent wheel locks allow for easy locking while grinding.



Unique pivot-over-center design



Easy to operate controls are located on the adjustable height handle bar; the safety lever requires operator presence

CONTROLS

The height of the 13SG/16SG operator control handlebar can be easily adjusted to suit both the operator and the grinding situation. The cutter wheel is operated by the handlebar-mounted safety bale and a fully-throttled engine. The handle bale acts as a secondary safety switch to prevent accidents. The operator uses the handlebars to manually control the head swing and depth of cut.



RECOMMENDED TRAILER



E4X6TBT-SG Tilt Bed Trailer

BARRETO

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SPECIFICATIONS: 30SGB

Dimensions:	U.S.	Metric:
Weight	1,700 lbs	757.50 kg
Height	49.5"	1.25.7 m
Length (head to side)	79"	2.007 m
Length (head straight)	98"	2.489 m
Width	35.5"	901.7 mm
Track Width	7.1"	180 mm
Total Ground Contact	470 sq in	.303 sq m

Engine Options*:

Briggs Vanguard (HP: 31)	31hp V-Twin	31hp V-Twin
Honda	GX800	GX800
Fuel	Gasoline	Gasoline

Additional Specs:

Hydraulic Reservoir	14 gallons	52.99 liters
Hydraulic Flow to Head	13.3 gpm	50.35 lpm
Head Swing	134°, 99.7" arc	134°, 2.5m arc
Ground Drive Forward	290 ft/min	88.4 m/min
Ground Drive Reverse	180 ft/min	55 m/min



30SG STUMP GRINDER

DESIGN

The 30SG stump grinder features the time-tested track platform that is utilized in multiple Barreto products. The 30SG has a hydraulically-driven cutter wheel that is raised and lowered into the stump and then moved from side to side to cut down. The 30SG is powered by either a 31hp Briggs & Stratton Vanguard V-Twin engine or a Honda GX800 engine. The engine is coupled to two gear pumps: the larger gear pump drives the cutter wheel and the smaller pump works the tilt and swing cylinders. The tracks are driven by independent hydrostatic pumps mounted on the rear of the engine for easy access and simple linkage control. Counterbalance valves on each track drive prevent the track motors from slipping while the cutter wheel is engaged in the cutting process, even while operating on a slope.



Hydraulically driven, center-mounted cutter wheel provides 134° head swing

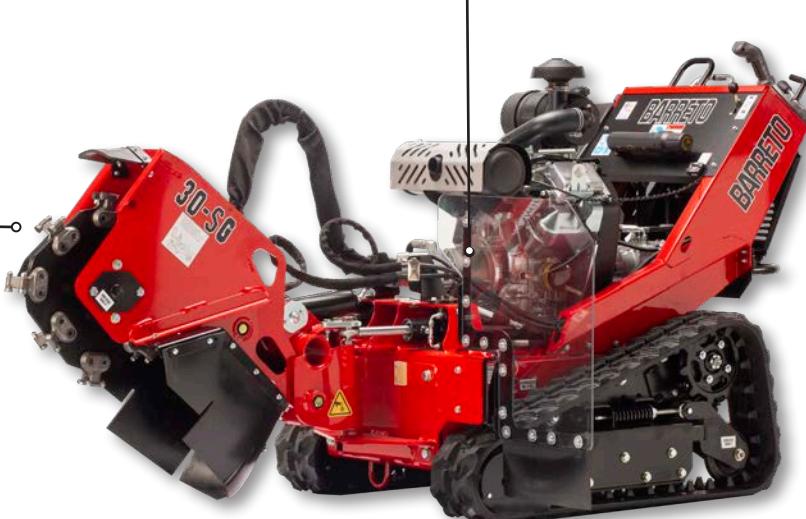


Easy controls operate the track drive and cutter wheel

CONTROLS

The cutter wheel operation and articulating arm are operated by controls mounted on the console. The cutter wheel is activated by a switch on the control stick and has a secondary safety switch to prevent accidental engagement. Back and forth movement across the stump, as well as depth of cut, are easily controlled by handles on the console, allowing for carefully controlled movement of the cutter wheel as it reduces the stump to chips.

Two gear pumps drive the cutter wheel and the tilt and swing



RECOMMENDED TRAILER



E4X6TBT-SG Tilt Bed Trailer

BARRETO
www.barretomfg.com

SPECIFICATIONS: 37SGB

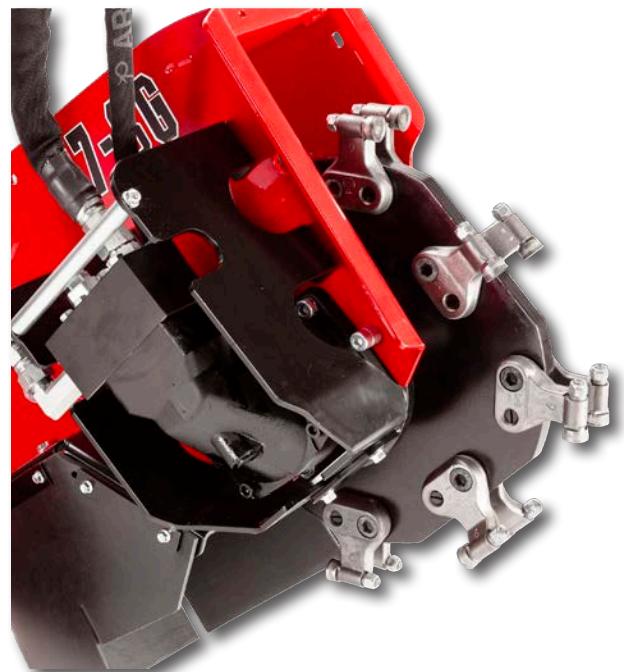
Dimensions:	U.S.	Metric:
Weight	1,950 lbs	884.5 kg
Height	49.5"	1.25.7 m
Length (head to side)	79"	2.007 m
Length (head straight)	98"	2.489 m
Width	35.5"	901.7 mm
Track Width	7.1"	180 mm
Total Ground Contact	470 sq in	.303 sq m
Engine Options*:		
Briggs Vanguard (HP: 37)	37hp V-Twin	37hp V-Twin
Fuel	Gasoline	Gasoline
Additional Specs:		
Hydraulic Reservoir	14 gallons	52.99 liters
Hydraulic Flow to Head	13.3 gpm	62.46 lpm
Head Swing	134°, 99.7" arc	134°, 2.5m arc
Ground Drive Forward	290 ft/min	88.4 m/min
Ground Drive Reverse	180 ft/min	55 m/min



37SG STUMP GRINDER

DESIGN

Designed on the reliable track drive platform used by the Barreto 30SG stump grinder, the Barreto 37SG features a hydraulically-driven cutter wheel fitted with sixteen 900-series Greenteeth®. The 37SG is powered by a 37hp Briggs & Stratton Vanguard V-Twin EFI engine. The engine is coupled to two piston pumps: the larger piston pump delivers fluid to a piston motor that drives the cutter wheel, while the cylinders, lift, and swing are supplied with fluid from an auxiliary pump that is mounted to the main piston pump. The tracks are driven by independent hydrostatic pumps mounted on the rear of the engine for easy access and simple linkage control. Counterbalance valves on each track drive prevent the track motors from slipping while the cutter wheel is engaged in the cutting process, even while operating on a slope. The track drive increases maneuverability around the jobsite, allowing the job to get done with increased efficiency.



Greenteeth® LoPro 900 Series teeth are durable, hardworking, and have three usable surfaces

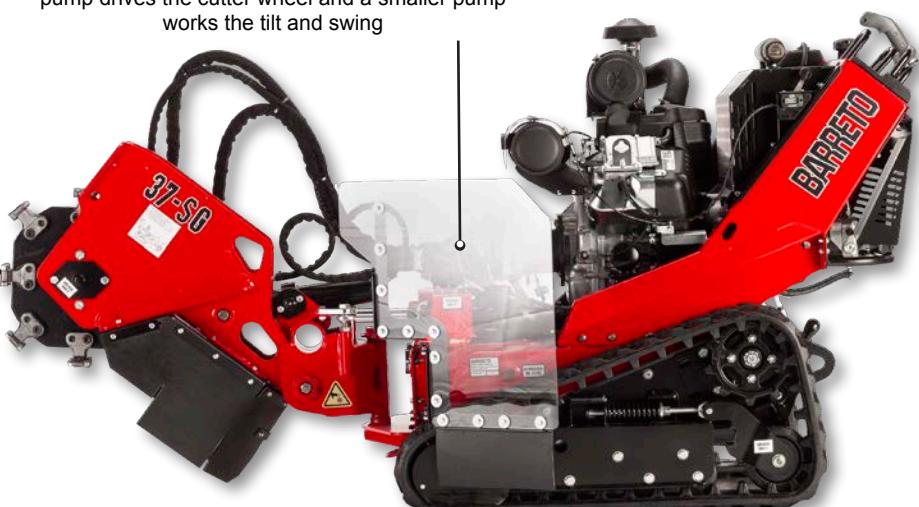


Easy controls operate the track drive and cutter wheel

CONTROLS

The 37SG track drive, articulating arm, and cutter wheel control are operated by console-mounted controls. A control stick with a switch operates the cutter wheel, and it is equipped with a secondary safety switch to prevent accidental engagement. The control stick also controls the back and forth movement across the stump. Depth of cut is easily controlled with a lever. Two track drive controls allow for independent control of each track.

The engine is coupled to two pumps: a larger piston pump drives the cutter wheel and a smaller pump works the tilt and swing



RECOMMENDED TRAILER



E4X6TBT-SG Tilt Bed Trailer

BARRETO

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SPECIFICATIONS: 3107C

Dimensions:

	U.S.	Metric:
Weight	1,890 lbs	857.29 kg
Height	88"	2.24 m
Operating Length	146"	3.71 m
Travel Length	120"	3 m
Width	70"	1.40 m

Engine Options:

Briggs Vanguard (HP: 31)	31HP V-Twin	31HP V-Twin
Honda	GX800	GX800
Fuel	Gasoline	Gasoline

Chipper Specs:

Feed Roller Dimension	8.2"	20.8 cm
Rows of Teeth	8	8
Feed Speed	123 fpm	403.54 mpm
Infeed Table Width	41"	1.04 m
Infeed Table Height	25"	.64 m
Infeed Throat Capacity	7" x 8"	17.8 cm x 20.1 cm
Material Capacity	7"	17.8 cm
Number of Knives	2	2
Usable Edges	2	2
Cutting Wheel Weight	275 lb	124.7 kg



3107C CHIPPER

DESIGN

Powered by either a 31hp Briggs & Stratton Vanguard V-Twin engine or a Honda GX800 engine, both with electric start, the Barreto 3107C Chipper utilizes a series of load-sensing valves to optimize material feed. As the load on the feed system increases, or as the chipper flywheel slows, the feed rate will automatically adapt to allow the flywheel to maintain maximum RPM. The feed wheel and motor are mounted to a tensioned pivot-arm system. The arms pivot on heavy-duty composite bushings instead of the plastic wear slides commonly used by machines of similar size. Designed to chip up to 7" diameter wood material, the chipper features two double-sided knives. All grease points are situated in a central location to facilitate easy greasing and servicing.



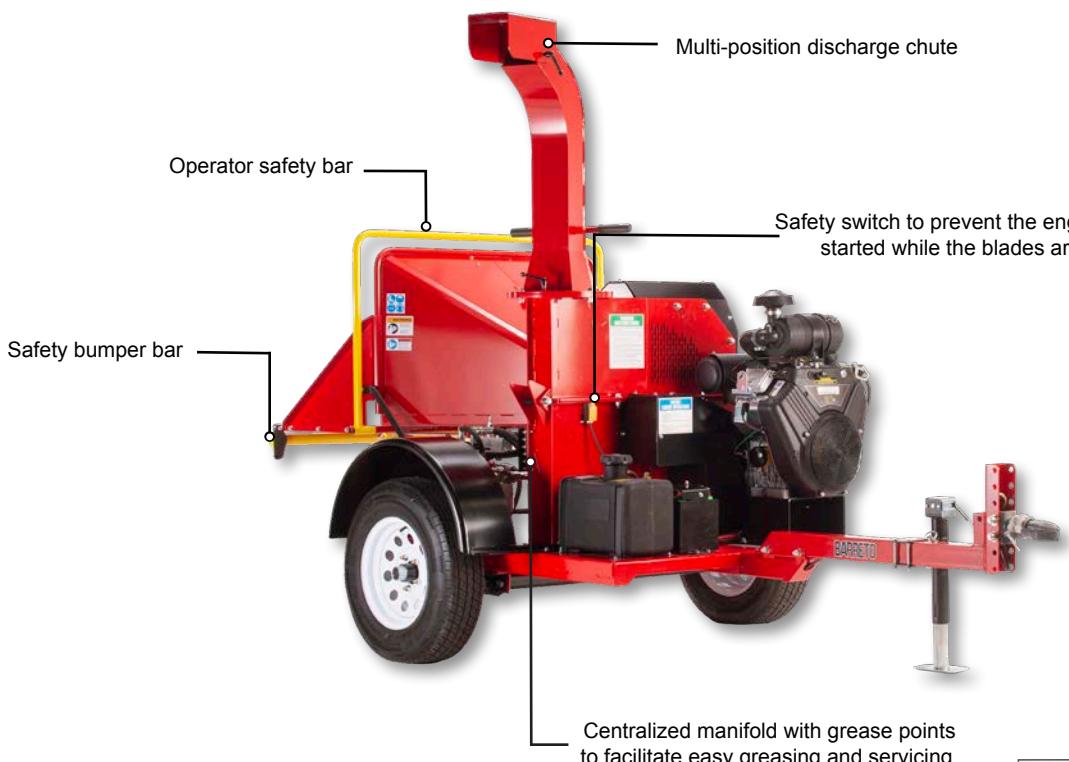
Torsion axle suspension

CONTROLS

The operator safety bar allows for the manual start, stop, and reverse of the feed wheel, and the yellow safety bumper bar across the front of the feed chute provides an emergency stop. The Barreto 3107C Chipper is ready to tow with a standard 2,900 lb torsion axle and quick release coupling. It also has a bolt-on tongue which is removable and replaceable in the event it becomes damaged.



Operator safety bars allow for the manual start, stop, and reverse of the feed wheel, and the yellow safety bumper bar provides an emergency stop



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