

CROSSBOW HD

Portable and Flexible CNC Cutting machine



Specifications

| | |
|--|------------------------|
| Effective Cutting Width, mm | 1,500 |
| Effective Cutting Length, mm | 3,200 / 6,800 |
| Maximum Traverse Speed, mm/min | 6,000 |
| Overall Cross Bar Length, mm | 2,430 |
| Overall Track Length, mm | 4,000 / 7,600 |
| Overall Dimensions, mm (CNC Drive Unit) | 650 x 430 x 360 |
| Total machine weight, Kg | 142 |
| Input Voltage, VAC / Hz | 230 / 50, Single phase |

Application Areas

- Small Fabrication Shops
- Maintenance And Repair Shops
- Trade Schools
- Construction Sites

Effective Cutting Solution

Crossbow is compact and lightweight for easy transport as your application requires. Automated functions and a user friendly CNC provide powerful, versatile, oxy-fuel or plasma processing in a value-minded package. It's simple, menu-driven interface makes operation easy to learn and use.

- Compact oxy-fuel / plasma CNC cutting system that is portable and value for money
- Equipped with plasma, oxy-fuel or both
- Plasma: Cut upto 15 mm (production pierce) & 20 mm (Edge)
- Oxy-fuel: Cut mild steel upto 50mm (Production pierce) & 100 mm (Edge)
- Fully integrated CNC, eliminating the need for the user to add a controller to the system



CROSSBOW HD with Plasma Torch



CROSSBOW HD with Oxy fuel Torch

A120 Plasma

Automated Plasma Cutting System



The A120 system is based on an industrial proven platform. The A120 offers standard features to meet the needs of many automated applications. With all the advantages of 1Torch and proven systems reliability, the automated A120 Plasma delivers the best in productivity, precision and performance.

- The SL100® SV 1Torch® start technology eliminates electronic interference and provides strong pilot arc for quick and reliable starting
- The auto-pilot restart function enabling the A120 to cut expanded metal quickly and easily
- Tool-less quick torch disconnect for easy change between mechanized and manual cutting (SL100 torch with standard ACT Quick Disconnect)

Specifications / Technical data

| | |
|------------------------------|-------------------------|
| Max output | 120 A |
| Recommended cut | 15 mm (5/8 in.) |
| Maximum cut | 20 mm (3/4 in.) |
| Mains supply, 50/60 Hz | 400 VAC, 3 Phase supply |
| Output range | 30-120 A |
| Output power | 15.4 Kw |
| Output at 80% duty cycle | 120 A |
| Output at 100% duty cycle | 100 A |
| Max OCV | 260 VDC |
| Torch air pressure | 5.2 bar (75.4 psig) |
| Torch air consumption | 189 l/min (400.5 cfh) |
| Weight, incl cable and torch | 28.6 kg (63 lbs.) |
| Dimensions, L x W x H | 660 x 248 x 343 mm |
| Enclosure class | IP23C |

Ordering Information

| Description | Part number |
|--|-------------|
| CROSSBOW HD 3200 X 1500 | 4610154017 |
| CROSSBOW HD 6800 X 1500 | 4610154018 |
| CROSSBOW HD 3200 X 1500 With A120 Plasma | 4610154015 |
| CROSSBOW HD 6800 X 1500 With A120 Plasma | 4610154016 |

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