

# 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

## Applications

- 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

<b>Max output</b>	<b>120 A</b>
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 cfm)
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

Registered and Head Office:

## ESAB India Limited

13, 3rd Main Road, Industrial Estate,  
Ambattur, Chennai - 600 058.  
Tel: +91(0) 44 4228 1100, Fax: +91(0) 44 4228 1150  
Email: info@esab.co.in | www.esabindia.com

