

Profi-Line Plasma

Plasma Cutting Unit Avalon 120 CNC

Avalon 120 CNC

Neat and reliable cutting

The Avalon 120 CNC is a light, handy plasma cutting unit with high cutting performance and top cutting quality. Its low weight makes it the ideal candidate for craft, workshop and industry.

For use as a CNC plasma cutting machine, the Avalon 120 CNC is equipped with a special interface. The Avalon 120 CNC can pierce holes up to 18 mm material thickness.

Features

- IGBT technology
- Microprocessor control system for excellent and dynamic arc characteristics
- CNC-connection interface
- HF-free arc starting system for increased reliability and low EMF exposure.
- Manual switch to activate the airflow to set the test air pressure without triggering the torch.
- Intelligent protection function protects the plasma torch from damage such as incorrect air pressure, missing consumables, overload of the pilot arc.



Model		Avalon 120 CNC
Input power(V)		3-380/V 400V ±10% /50/60Hz
Rated input current		26 A
Rated input power		10,4 KW
Current adjustment range		20 A ~ 120 A
No-load voltage		450 V
Duty cycle 40° C 10 min		90% 120A 100% 93A
Max. Cutting thickness on CNC machines		≤20 mm
Max. Cutting thickness carbon steel		≤60 mm
optimal cutting thickness	C-steel	≤45 mm
	Stainless steel	≤45 mm
	Aluminum	≤36 mm
	Copper	≤20 mm
Measurement (LxWxH)		660 x 240 x 445 mm
Protection class		IP23
Insulation class		H
Weight		24 kg
Cooling		AF
Item no.		02.02.10.00121

Scope of delivery:

1 Earth cable

Optional for CNC mode:

Machine torch
PTM-100 with coaxialcable /6 m

Machine torch
PTM-100 with
coaxialcable /12 m

Optional accessories:

Hand torch
PT-100 with coaxialcable/6 m