

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	≤18 mm	
Max. Cutting thickness carbon steel	≤55	
optimal cutting thickness	C-steel	≤40
	Stainless steel	≤40
	Aluminum	≤30
	Copper	≤14
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