

Profi-Line Plasma

Plasma Cutting Unit Avalon 160 CNC

Avalon 160 CNC

Cutting - clean and reliab

The Avalon 160 CNC is a plasma cutting machine with high cutting performance and top cutting quality.

The Avalon 160 CNC is equipped with a special interface for use as a CNC plasma cutting machine.



Features

- IGBT-Technology
- Microprocessor control system for excellent and dynamic arc characteristics
- CNC 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 160 CNC	
Input power(V)	3-400V ±10% /50/60Hz	
Effective current	25 A	
Rated input current	47 A	
Rated input power	14,5 KW	
Current adjustment range	20 A - 160 A	
No-load voltage	420 V	
Duty cycle 40°C 10 min	60% 160A 100% 125A	
Max. Cutting thickness on CNC machines		
Max. Cutting thickness carbon steel	≤60	
optimal cutting thickness	C-steel	≤45
	Stainless steel	≤45
	Aluminum	≤36
	Copper	≤20
Measurement (LxWxH) mm	660x240x445 mm	
Protection class	IP23	
Insulation class	H	
Weight	38,3 kg	
Cooling	AF	
Item no.	02.02.10.00160	

Scope of delivery:
1 Earth cable

Optional:
Plasma hand torch X-160/6m