

Profi-Line Plasma

Plasma Cutting Unit Avalon 160 CNC

Avalon 160 CNC

Cutting - clean and reliable

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.



Scope of delivery:
1 Earth cable

Optional:
Plasma hand torch XT-160/6m
Plasma hand torch XT-160/12m
Machine hand torch XM-160/6m
Machine hand torch XM-160/12m

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		≤18
Max. Cutting thickness carbon steel		≤55
optimal cutting thickness	C-steel	≤40
	Stainless steel	≤40
	Aluminum	≤30
	Copper	≤14
Measurement (LxWxH) mm		660x240x445 mm
Protection class		IP23
Insulation class		H
Weight		38,3 kg
Cooling		AF
Item no.		02.02.10.00160