

Profi-Line Plasma

Plasma Cutting Unit Avalon 65 CNC

Avalon 65 CNC

Neat and reliable cutting

The Avalon 65 CNC is the light, handy plasma cutting unit of the Avalon series with high cutting performance and top cutting quality. Its low weight makes it the ideal candidate for craftsmen, workshops and industry. The Avalon 65 CNC is equipped with a special interface for use as a CNC plasma cutting system.

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 65 CNC	
Input power(V)	3-380/V 400V ±10% /50/60Hz	
Rated input current	18 A	
Rated input power	7,8 KW	
Current adjustment range	20 A - 65 A	
No-load voltage	450 V	
Duty cycle 40 °C 10 min	90% 65A 100% 61A	
Max. Cutting thickness on CNC machines	≤12-14 mm	
Max. Cutting thickness carbon steel	≤35 mm	
optimal cutting thickness	C-steel	≤25 mm
	Stainless steel	≤25 mm
	Aluminum	≤20 mm
	Copper	≤14 mm
Measurement (LxWxH) mm	663x253x423	
Protection class	IP23	
Insulation class	H	
Weight	27 kg	
Cooling	AF	
Item no.	02.02.10.00063	

Scope of delivery:
1 Earth cable 3m

Optional accessories:
Hand torch
PT-60/6 m

Optional for CNC mode:
Machine torch
PTM-60 with coaxialcable /6m

Machine torch
PTM-60 with coaxialcable /12m