

Profi-Line Plasma

Plasma Cutting Unit Avalon 40.1 Serie

Plasma cutting unit Avalon 40.1 PFC and AVALON 40.1 AIR with integrated compressor

Cutting C-steel, stainless steel, aluminium, copper and more

The Avalon 40.1 PFC is a lightweight, handy plasma cutting unit with high cutting performance and top cutting quality. Its low weight and easy handling make it the ideal candidate for craftsmen, workshops and industry.

The air plasma cutting unit Avalon 40.1 Air with integrated compressor is your reliable partner for demanding applications. Carry out your work with the Avalon 40.1 Air to cut material up to 15 mm thickness.

Features

- IGBT technology
- Active PFC technology for high duty cycle and energy efficiency
- Manual switch to activate the airflow to set the test air pressure without triggering the torch.
- Powerful compact unit
- Intelligent protection function protects the plasma torch from damage, e.g. incorrect air pressure, missing consumables, overload of the pilot arc.



Scope of delivery:

1 Earth cable 3m

Optional accessories:

Hand torch
PT-60/6m with coaxial cable

Model		Avalon 40.1 PFC	Avalon 40.1 PFC AIR
Input power (V)		1P 90VAC 275 VAC	160-275V
Fre. HZ		50/60 1-220/230/240 ± 10%	
Rated input current		23 A	33 A
Rated input power		4,9 KW	4,7 KW
Setting range of the current		20 A ~ 40 A	
Duty cycle 40° C 10 min		35% 40A 60% 32A 100% 25A	60% 36A 100% 30A
Cut-off for carbon steel		≤15	≤12
Optimal cutting thickness	Carbon steel	≤10	≤8
	Stainless steel	≤10	≤8
	Alu. Copper	≤6	≤4
	Copper	≤5	≤3
Measurement (LxWxH) mm		505x147x305	480x210x340
Protection class		IP23	IP23
Insulation class		H	H
Weight		8 kg	17,9 kg
Cooling		AF	
Power Factor		0.99	
Item no.		02.02.10.00042	02.02.10.00044