

## Plasma Cutting Unit AVALON 40.1 PFC

NOW WITH NEW DESIGN

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

AVALON 40.1 is a lightweight handy plasma cutting unit with high cutting performance and an excellent cutting quality. Their low weight makes them ideal devices for trade, shop and industry.

### Features

- IGBT technology
- Active PFC technology for increased duty cycle and energy efficiency
- Air flow manual activation switch to set test air pressure pressure without the need to trigger the torch.
- Lightweight compact design, ideal for portable applications
  - Intelligent protection system protects plasma torch from damage incorrect air pressure, consumables not in place, excessive pilot arc use



Model	AVALON 40.1 PFC	
Supply voltage(V)	single-phase, 90VAC 27 5 VAC	
Fre. HZ	50/60 1-220/230/240 ± 10%	
Rated input current	23 A	
Rated input power	4,9 KW	
Current adjustment range	20 A ~ 40 A	
Duty cycle 40 °C 10 min	35% 40A 60% 32A 100% 25A	
Severance Cut for Carbon Steel	≤15	
Optimal cutting thickness	Carbon steel	≤10
	Stainless steel	≤10
	Aluminum	≤6
	Copper	≤5
Measurment (LxWxH) mm	505x147x305	
Protection class	IP23	
Insulation class	H	
Weight	8 kg	
Cooling	AF	
Power Factor	0.99	
Item no.	02.02.10.00042	



Avalon 40.1 PDF

List price

**915,-€**

plus VAT

Scope of delivery:  
1 Earth cable 3m

Optional  
Hand torch  
PT-60/6m with coaxialcable  
Price: 335,-€

PC: D

Subject to misprints, errors and technical changes! 08.01.2025

For more info click on us:

<http://www.javac.org> ➔ Current Offers

Industriestraße 29/2  
D-73340 Amstetten

Tel. +49 (0)73 31 - 30 58 0  
Fax +49 (0)73 31 - 30 58 58

Order Processing  
+49(0)73 31 - 30 58 20

Technical information  
+49(0)73 31 - 30 58 24

