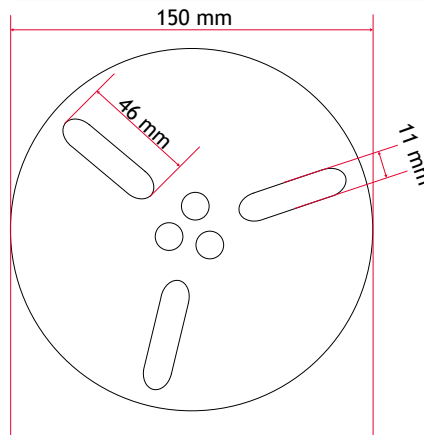
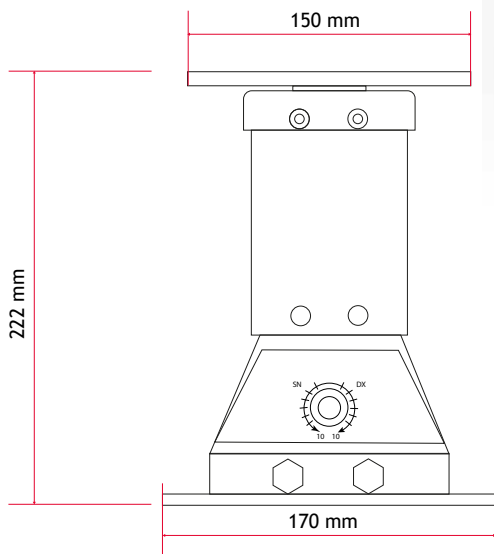


## Mini Mobile welding positioners

### Features

- Load capacity up to 50 kg
- Mobile welding positioner
- Rotation up to DC motor
- Manual tilting



### Mini-Mobile

List price  
**1.415,-€**  
 plus VAT  
 PC:C

| Model                  | Mini-Mobile        |
|------------------------|--------------------|
| Supply Voltage (V)     | 230V / 50Hz        |
| Motor                  | DC                 |
| Welding current        | 0,8 A              |
| Rotating power         | 10 Kw              |
| Max. Horizontal load   | 50 kg              |
| Max. Vertical load     | 10 kg              |
| Tilting                | manuell            |
| RPM                    | 0,56 rpm           |
| Turntable diameter     | 150 mm             |
| Dimensions (L x W x H) | 170 x 170 x 227 mm |
| Weight                 | 6 kg               |
| Item number            |                    |

**Scope of delivery:**  
 Remote control cable  
 Foot switch

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## 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<br>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<br>60% 32A<br>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

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WITH COMPRESSOR

## AVALON 40 AIR with integrated compressor

Cuts carbon steel, stainless steel, aluminium, copper

The air plasma cutting unit AVALON 40 Air with integrated compressor is your reliable partner for demanding applications. The AVALON 40 Air can be used to cut materials up to 18 mm thick.

### Features

- IGBT technology
- Active PFC technology for increased duty cycle and energy efficiency
- Air flow manual activation switch to set test air 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 AIR   |          |
|--------------------------------|-----------------|----------|
| Supply voltage(V)              | 160-275V        |          |
| Fre. HZ                        | 50/60           |          |
| Effective power                | 25 A            |          |
| Rated input power              | 4,7 KW          |          |
| Current adjustment range       | 33 A            |          |
| Duty cycle 40° C 10 min        | 60% 40A         | 100% 30A |
| No-load voltage                | 25V             |          |
| Cutting current range          | 20-40 A         |          |
| Severance Cut for Carbon Steel | ≤18             |          |
| Optimal cutting thickness      | Carbon steel    | ≤14      |
|                                | Stainless steel | ≤14      |
|                                | Aluminum        | ≤14      |
|                                | Copper          | ≤5       |
| Measurment (LxWxH) mm          | 480x210x340     |          |
| Protection class               | IP23            |          |
| Insulation class               | H               |          |
| Weight                         | 17,9 kg         |          |
| Cooling                        | AF              |          |
| Power Factor                   | 0.99            |          |
| Item no.                       | 02.02.10.00044  |          |



### Avalon 40.1 AIR

List price

**1.650,- €**

plus VAT

PC:D

Scope of delivery:  
1 Earth cable

Optional  
Hand torch  
PT-60/6m with coaxial cable  
Preis: 335,-€

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## AVALON 65 Air with integrated compressor

### Cutting - cleanly and reliably

The air plasma cutting unit AVALON 65 Air with integrated compressor is your reliable partner for demanding applications. Use the AVALON 65 Air to cut materials up to 35 mm thick.

#### Features

- IGBT technology
- with integrated compressor
- Microprocessor control system for superior & dynamic arc characteristics.
- CNC interface connection
- Non HF arc starting system for increased reliability and low EMF pollution
- Air flow manual activation switch to set test air pressure, pressure without the need to trigger the torch.
- Intelligent protection system protects plasma torch from damage incorrect air pressure, consumables not in place, excessive pilot arc use.



| Model                                 | AVALON 65 AIR              |        |
|---------------------------------------|----------------------------|--------|
| Supply voltage(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<br>100% 61A        |        |
| max.cutting thickness to Carbon steel | ≤35 mm                     |        |
| Optimal cutting thickness             | Carbon steel               | ≤25 mm |
|                                       | Stainless steel            | ≤25 mm |
|                                       | Aluminum                   | ≤20 mm |
|                                       | Copper                     | ≤14 mm |
| Measurem (LxWxH) mm                   | 595x250x890                |        |
| Protection class                      | IP23                       |        |
| Insulation class                      | H                          |        |
| Weight                                | 24 kg                      |        |
| Cooling                               | AF                         |        |
| Item no.                              | 02.02.10.00062             |        |

### Avalon 65 AIR

List price  
**2.350,- €**  
plus VAT  
PC:D

Scope of delivery:  
1 Earth cable 3m

Optional accessories:  
Hand torch  
PT-60/6m with coaxial-cable  
Price: 335,-€

PC: D

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## AVALON 65 CNC

### Cutting - cleanly and reliably

AVALON 65 CNC 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. For the use as CNC-Plasma Cutting the Avlon 65 CNC is provided with a specific point of intersection.

#### Feature

- IGBT technology
- Microprocessor control system for superior & dynamic arc characteristics
- CNC interface connection
- Non HF arc starting system for increased reliability and low EMF pollution
- Air flow manual activation switch to set test air pressure, pressure without the need to trigger the torch.
- Intelligent protection system protects plasma torch from damage incorrect air pressure, consumables not in place, excessive pilot arc use



### Avalon 65 CNC

List price

**1.525,- €**

plus VAT  
PC:D



| Model                                      | AVALON 65 CNC              |        |
|--|----------------------------|--------|
| Supply voltage(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<br>100% 61A        |        |
| Piercing on CNC machine max.               | ≤12 mm                     |        |
| The max. cutting thickness to Carbon steel | ≤35 mm                     |        |
| Optimal cutting thickness *                | Carbon steel               | ≤25 mm |
|  | Stainless steel            | ≤25 mm |
|  | Aluminum                   | ≤20 mm |
|  | Copper                     | ≤14 mm |
| Measurement (LxWxH) mm                     | 663x253x423                |        |
| Protection class                           | IP23                       |        |
| Insulation class                           | H                          |        |
| Weight                                     | 24 kg                      |        |
| Cooling                                    | AF                         |        |
| Item no.                                   | 02.02.10.00061             |        |

Scope of delivery:  
1 Earth cable 3 m

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

**Optional for CNC use**  
Machine torch  
PTM-60 with coaxialcable /6m  
**Price: 450,- €**  
Machine torch  
PTM-60 with coaxialcable /12m  
**Price: 540,- €**

\*Indications for hand torch

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## AVALON 120 CNC

### Cutting - cleanly and reliably

The AVALON 120 CNC is a lightweight, handy plasma cutting system with high cutting performance and top cutting quality. Its low weight makes it the ideal candidate for craftsmen, workshops and industry.

For use as a CNC plasma cutting unit, the AVALON 120 CNC is equipped with a special interface. The AVALON 120 CNC can pierce holes up to 18 mm thick.



### Feature

- IGBT technology
- Microprocessor control system for superior & dynamic arc characteristics
- CNC interface connection
- Non HF arc starting system for increased reliability and low EMF pollution
- Air flow manual activation switch to set test air pressure, pressure without the need to trigger the torch.
- Intelligent protection system protects plasma torch from damage incorrect air pressure, consumables not in place, excessive pilot arc use



| Model                                      | AVALON 120 CNC             |     |
|--|----------------------------|-----|
| Supply voltage(V)                          | 3-380/V 400V ±10% /50/60Hz |     |
| Rated input current                        | 26 A                       |     |
| Rated input power                          | 10,4 KW                    |     |
| Current adjustment range                   | 20 A - 120 A               |     |
| No-load voltage                            | 450 V                      |     |
| Duty cycle 40° C 10 min                    | 90% 120A<br>100% 93A       |     |
| Max. Cutting thickness for CNC machine     | ≤20 mm                     |     |
| The max. cutting thickness to Carbon steel | ≤70                        |     |
| Optimal cutting thickness *                | Carbon steel               | ≤50 |
|  | Stainless steel            | ≤50 |
|  | Aluminum                   | ≤45 |
|  | Copper                     | ≤25 |
| Measurement (LxWxH) mm                     | 663x253x423                |     |
| Protection class                           | IP23                       |     |
| Insulation class                           | H                          |     |
| Weight                                     | 24 kg                      |     |
| Cooling                                    | AF                         |     |
| Item no.                                   | 02.02.10.00121             |     |

\*Indications for hand torch

### Avalon 120 CNC

List price

**3.440,- €**

plus VAT

PC:D

Scope of delivery:  
1 Earth cable

#### Optional

Hand torch

PT-100 with coaxialcable /6 m

Price: 510,-€

#### Optional for CNC use

Machine torch

PTM-100 with coaxialcable /6 m

Price: 615,- €

Machine torch

PTM-100 with coaxialcable /12 m

Price: 805,- €

PC: D

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