

# Profi-Line Plasma

## Plasma Cutting Unit Avalon 65 AIR

Avalon 65 AIR with integrated compressor

### Neat and reliable cutting

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 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.



**Scope of delivery:**  
1 Earth cable 3m

#### Optional accessories:

Hand torch  
PT-60/6m with coaxial cable

| Model                                  |                 | Avalon 65 AIR              |
|----------------------------------------|-----------------|----------------------------|
| 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<br>100% 61A        |
| Max. Cutting thickness on CNC machines |                 | -                          |
| 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)                    |                 | 595x250x890 mm             |
| Protection class                       |                 | IP23                       |
| Insulation class                       |                 | H                          |
| Weight                                 |                 | 51,4 kg                    |
| Cooling                                |                 | AF                         |
| Item no.                               |                 | 02.02.10.00064             |