

Plasma Cut 45i 65i 100i

Reliable plasma cutting machines for industrial applications

Air-cooled, continuously adjustable single-phase and three-phase plasma cutting units with digital display for robust industrial use with proper separation capacities. Reliable and safe in use. With PFC function for economical energy use!

Cutting of all metallic materials such as structural steels, aluminum and their alloys, all hardened and unhardened tool steels, brass, copper and gray cast iron.



Plasma Cut 45i
Plasma Cut 65i
Plasma Cut 100i

Single-phase
Three-phase
Three-phase

Cutting performance max: 20 mm
Cutting performance max: 30 mm
Cutting performance max: 40 mm

- Ignition without HF (hardly any environmental disturbances)
- Pilot arc
- 2/4 stroke operation
- Central connection for the burner (useful for burner replacement)
- PFC function (economical power consumption)
- Can be used on machines



Plasma Cut 45i

Standard equipment

- Cutting machine
- Plasma torch PT-40, 6 m
- 5 Cutting nozzles
- 2 Electrodes
- Workpiece lead



Plasma Cut 65i

Standard equipment

- Cutting machine
- Plasma torch PT-105 plus, 6 m
- 5 Cutting nozzles
- 2 Electrodes
- Workpiece lead



Plasma Cut 100i

Standard equipment

- Cutting machine
- Plasma torch PT-105 plus, 6 m
- 5 Cutting nozzles
- 2 Electrodes
- Workpiece lead



Technical data

	45i	65i	100i
Supply voltage	230 V	3 x 400 V	3 x 400 V
Fuse (slow-blow)	16 A	16 A	25 A
Cutting current	10 - 40 A	20 - 60 A	20 - 100 A
Open circuit voltage	280 V	310 V	310 V
Duty cycle (40° C)	35 % - 40 A	40 % - 60 A	40 % - 100 A
Cutting thickness max. (steel)	20 mm	30 mm	40 mm
Protection	IP 21	IP 21	IP 21
Cooling	AF	AF	AF
Dimensions L x W x H	440 x 160 x 330 mm	520 x 210 x 340 mm	540 x 250 x 380 mm
Weight	9 kg	17 kg	26 kg

Robust & safe ...

Advertising

ELMA-Tech is the specialist for arc welding with alternating current!

The MIG AC process, which is controlled by the well-known ELMA-Tech *Virtual Machine (VM)* process control, is particularly suitable for welding thinnest aluminum sheets.



- „Coldest“ AC process - ideal for welding thinnest aluminum sheets
- Best process properties
- Excellent gap bridging: 4 mm at 1.2 mm thickness are easy to achieve
- Minimal heat input

Ask our experts when it comes to automation solutions in the arc range. Learn about the benefits of our market leading control technology for your automation projects.

