HandyPlasma 45i

Portable plasma cutting

HandyPlasma 45i

Hand-held, light and portable power source for plasma cutting with a 220V 50/60Hz single phase power supply.

Very simple to use, with a color LCD panel and all adjustments in just one knob.

No need to adjust the gas –the machine automatically detects the inlet and outlet pressure.

An automatic system purges gas after cutting, increasing the useful life of the consumables.

HandyPlasma 45i

Recommended cutting capacity = 16 mm

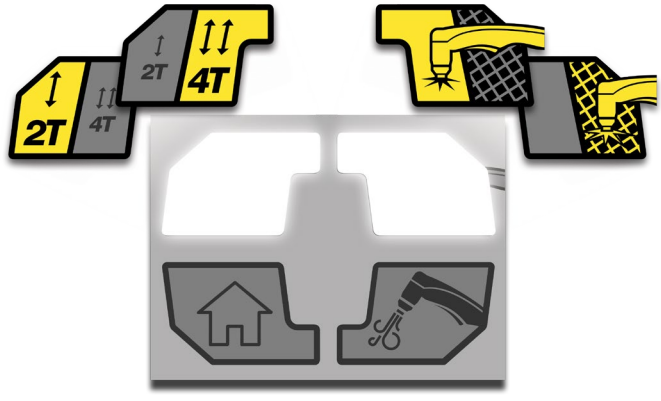
Maximum cutting capacity = 24 mm

- Light and portable, weighing only 13.5 kg (including torch)
- Easy to use 2.8" colour LCD panel, with all adjustments in just one knob
- Torch trigger 2T/4T function
- Torch trigger lock for greater safety
- Grate or plate cutting functions
- Comes with torch included
- Two-year guarantee for the power source and three months for the torch

Visit **esab.com** for more information.

Industry

- Repair and Maintenance
- Civil Construction
- Agricultural Equipment
- Industrial and General Fabrication



Simple and intuitive LCD panel

HandyPlasma 45i

Specifications	
Input Voltage	220 V (+/- 10%)
Frequency	50/60 Hz
Cutting Capacity Mild Steel Stainless Steel Aluminuim	 16 mm 12 mm 10 mm
Piercing Capacity	10 mm
Rated kVA	9 kVA
Duty Cycle	45 A / 120 V @ 25% 45 A / 98 V @ 35% 30 A / 92 V @ 100%
Air Pressure	7.3 Bar
Air Flow	110 l/min
Torch Air Pressure	4.6 Bar
Enclosure Class	IP21C
Certification Mark	CE
Dimensions L x W x H	176 x 415 x 324 mm
Weight incl. torch	13.5 kg

Ordering Information	
HandyPlasma 45i	0559160145

Delivery includes plasma torch, 3 m work lead with ground clamp, shoulder strap, compressed air connector and air filter wrench.

Options & Accessories	
Inline Air Filter	0559337039
Plasma Filter Cartridge	0559337040
Circle Cutting Guide	0559337041)2 bars - 500-800mm in diameter)

Wear & Spare Parts	
HandyPlasma 60A Plasma Torch	0559337000
Plasma Cutting Tip 45A (5 pcs)	0559337002
Electrode (5 pcs)	0559337003
Plasma Standoff Guide	0559337004
Plasma Shield Cup	0559337005
Plasma O-Ring	0559337006
Plasma Torch Gas Diffuser	0559337007

ESAB / esab.com

GLOBALLY CERTIFIED MANAGEMENT SYSTEMS

XA00205029 Rev2 07/2020 ESAB reserves the right to alter specifications without prior notice.