

HandyPlasma 35i/45i

Portable plasma cutting



HandyPlasma 35i / 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.

Available in two versions,

HandyPlasma 35i

Recommended cutting capacity = 12mm

Maximum cutting capacity = 16mm

HandyPlasma 45i

Recommended cutting capacity = 16mm

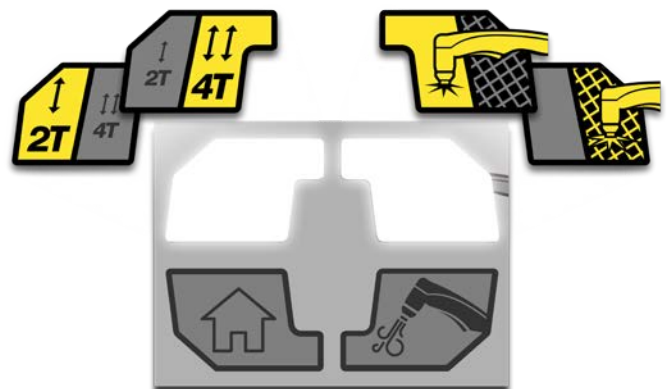
Maximum cutting capacity = 24mm

- Light and portable, weighing only 13.5kg (including torch)
- Easy to use 2.8" color 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.

Please visit esab.com for more information.

Industry

- General Manufacturing
- Transportation
- Hobbyist



Simple and intuitive LCD panel

HandyPlasma 35i/45i

Specifications		
	HandyPlasma 35i	HandyPlasma 45i
Input Voltage	220 V (+/- 10%)	
Frequency	50/60 Hz	
Cutting Capacity Mild Steel Stainless Steel Aluminum	12 mm 10 mm 8 mm	16 mm 12 mm 10 mm
Piercing Capacity	5 mm	6 mm
Rated Output	8 kVA	9 kVA
Duty Cycle	35 A / 120 V @ 25% 35 A / 94 V @ 35% 22 A / 88.8 V @ 100%	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	
Dimensions L x W x H	176 x 415 x 324 mm	
Weight incl. torch	13.5 kg	

Ordering Information	
HandyPlasma 35i	1-1601-35D
HandyPlasma 45i	1-1601-45D

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

Options & Accessories	
Inline Air Filter	ESAB337039
Plasma Filter Cartridge	ESAB337040
Circle Cutting Guide	ESAB337041

Wear & Spare Parts	
HandyPlasma 60A Plasma Torch	ESAB337000
Plasma Cutting Tip 35A (5un)	ESAB337001
Plasma Cutting Tip 45A (5un)	ESAB337002
Electrode (5un)	ESAB337003
Plasma Standoff Guide	ESAB337004
Plasma Shield Cup	ESAB337005
Plasma O-Ring	ESAB337006
Plasma Torch Gas Diffuser	ESAB337007



ESAB / esab.com

