

Rogue EHP 45

Plasma Cutting and Gouging System



Powerful, Compact, Lightweight Plasma Cutting and Gouging System

Industry

- Agricultural Equipment
- Automotive Bodies
- Civil Construction
- Food and Beverage
- Hobbyist
- HVAC
- Industrial and General Fabrication
- Light Equipment
- Mobile Equipment
- Repair and Maintenance
- Training Schools
- Transportation



Plasma cutting and gouging is an essential technology for metal fabrication.

The Rogue EHP 45 is a handheld, light, and portable power source for plasma cutting and gouging with 230 V 50/60Hz single-phase input power capability. This gives it go-anywhere versatility for all your metal fabrication applications.

Very simple to use with easy-to-understand display and controls. No need to adjust the gas, as the machine automatically detects pressure and is preset for optimal operation.

Recommended piercing and cutting capacity:
12mm (1/2 in.)

Maximum cutting capacity:
16mm (5/8 in.)

- Easy-to-use functionality with quick control buttons and single control knob.
- Torch Trigger 2T/4T functionality for greater safety and ergonomic usage.
- 3 modes of cutting for maximum arc control, including expanded metal, solid metal, and gouging modes.
- Operational dashboard symbols, including air, consumables, and power to keep your system running smoothly.
- Comes with torch and a starter consumables
- 3-year guarantee for the power source and 3 months for the torch.

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



*Simple and Bright Display with Quick Access Buttons
Expanded Metal, Solid Metal, and Gouging Modes
2T / 4T Trigger Action Modes*

Rogue EHP 45 Plasma

Specifications	
Mains Voltage (Power Input)	230V CE, 1Φ, 50/60Hz
Voltage / Current Draw	230 V / 16 A16/15A
Duty Cycle	35A / 230V at 100% Duty Cycle 45A / 230V at 35% Duty Cycle
Piercing Capacity	12mm (1/2 in.)
Maximum Cutting Capacity	16mm (5/8 in.)
Rated kVA	9 kVA
Air Pressure Inlet Requirement	6-7.5 bar (90-110 psi) (670-750 kPa)
Air Flow Requirement	120-200 l/min (250-450 scfh) (4-6 cfm)
Enclosure Class	IP23S
Operating Temperature	-10 to +40 °C (+14 to +104 °F)
Certification Mark (Standards)	CE / UKCA / CCC
System Dimensions	480 x 150 x 320 mm (18.5 x 6 x 12.5 in.)
System Weight	11.5kg (25 lbs)

Ordering Information	
Description	Part Number
Rogue EHP 45 Plasma Cutting and Gouging System, CE	0700200501
Rogue EHP 45 Plasma Cutting and Gouging System, non-CE	0700200502

Delivery includes: Plasma torch, 3 m work lead with ground clamp, compressed air connector and spare consumable.

Torch and Consumables	
ESAB Plasma Torch	0559337000
Plasma Cutting TIP 25A/35A (5 pieces)	0559337001
Plasma Cutting TIP 45A (5 pieces)	0559337002
Electrode	0559337003
Plasma Standoff Guide	0559337004
Plasma Shield CUP	0559337005
Plasma O-Ring	0559337006
Plasma Torch Gas Diffuser (Swirl Ring)	0559337007
Plasma Gouging TIP 15-45A (5 pieces)	0559337008

Options and Accessories	
Inline Air Filter	0559337039
Plasma Filter Cartridge	0559337040
Circle Cutting Guide	0559337041



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