JASIC / PLASMA / EVO

EVO CUT 45 PFC

AIR PLASMA CUTTING

External air supply

EP-45



Where it fits

A portable choice for site and workshop work with an external air supply. Match the required thickness to the supply voltage.

- Non-HF pilot ignition with a mesh-cutting mode.
- Digital display with gas check and adjustable post-flow.
- Wide-voltage PFC supply. Capacity varies by input voltage.

Package and options

ITEM	DETAIL
Included	6m Hand Plasma Torch (JE60-6), 3m Earth Clamp
Options	Compressor (EP-SC), TFT Screen (TFT-EP-45P), Circle Cutting Kit (51865)
For repeat shapes	Use the circle-cutting kit for round blanks. Specify a machine torch where the setup calls for CNC mounting and Jasic lists one.

Output and setup data

RATING	VALUE
Input supply	95–265 V AC, single-phase PFC
Cutting output	20–30 A (115 V) / 20–45 A (230 V)
Duty at 40°C	25% at rated output
Clean cut	6 / 15mm
Severance	12 / 22mm
Pierce cut	4 / 12mm
Air supply	External compressed air
Plasma input	20 / 11.5 A effective (Ieff) · 3.6 kVA / 5.3 kVA rated power (115 V / 230 V)
AVR generator	5.5 kVA / 8 kVA (115 V / 230 V)
Protection	IP23S
L × W × H	546 × 166 × 341mm
Weight	10 kg

Cut figures are for 115 V / 230 V respectively, as rated in the operator manual. Use the clean-cut rating for sizing the machine. Severance is the limit for separating the material.

Jasic technical reference

Jasic product information

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