

Plasma Cutting Inverter CUTi 90

Article number: .11.035.502

- Plasma cutting up to 35 mm material thickness with air cooled plasma torch
- Cutting of all electro-conductive materials with plasma gas air
- Plasma torch with central connector
- For crafts and medium-sized enterprises
- Suitable for straight, profile, template and bevel cutting in all positions, for piercing, for hole and slot cutting.



Power Source CUTi 90

- Stepless adjustable cutting current from 26 up to 90 A for optimal current adaptation to the cutting job
- Constant power Output also in case of line variations
- Technique: Cutting with spacer spring, with contact cap, with bevelling cap or with long consumables for cutting at inaccessible parts of Workspace
- Safe pilot-arc ignition by high-voltage impulses
- Plasma torch KjellCut 120 with central connector (length 6 m) – easily removable after operation
- Running cutting start and running piercing possible, no reference point necessary!
- Automatic power increase of the pilot arc at work piece contact
- Filter regulator (protected through cover) used as oil and water separator as well as justification of plasma gas pressure when using an external compressor
- Work piece cable pluggable for easy transportation
- Suitable for electronically controlled power generating sets (min. 22 kVA)
- Consumable kit is standard (contains 5 nozzles, 3 cathodes, spatter protection, contact cap, 2 spacer spring, bevelling cap, multiple wrench, safety wrench for central socket)
- High labor safety by shock-proof with safety shut-down at cutting with hand torch
- Control of the plasma gas and the thermal load of the plasma cutting system

Optional Accessoires

- Circle cutting attachment for diameter 100 – 1.000 mm, included wheel guide; ensures constant distance between torch and work piece, also for safe cutting of contours
- Bevel cutting attachment, stepless adjustable, for example for welding seam preparation
- Plasma torch length 12 m

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Technical data

Power Source	CUTi 90
Mains voltage	3 x 400 V;50/60 Hz [3 x 440 V; 50/60 Hz (.11.035.508)]
Mains connection	15 kVA
Fuse, slow	25 A
Protection class	IP 21
Open circuit voltage	250 V (DC)
Cutting current	26 - 90 A
Duty cycle	40 % at 90 A 60 % at 74 A 100 % at 55 A
Cutting range <ul style="list-style-type: none">• Maximum• Recommended	35 mm 0.5 – 30 mm
Dimensions (L x W x H)	470 x 180 x 270 mm
Weight	17 kg

Plasma torch	KjellCut 120
Plasma and cooling gas	Air
Pressure	0.5 MPa (5 bar)
Plasma gas consumption	195 l/min

Manufactured on the basis of the standard EN 60974

CE sign, Manufacture according to DIN EN ISO 9001

S sign, applicable to environments with increased hazard of electric shock