PLASMA CUTTING INVERTER
CUTi 35

Article number
.11.035.804

- Plasma cutting electrically conductive materials, like mild steel, stainless steel and aluminium up to 12 mm material thickness
- Permanently connected, air cooled plasma torch KjellCut 35C
- Stepless adjustable cutting current from 5 A up to 35 A for optimal current adaptation to the cutting job
- Straight, bevel, contour, and position cuts can be carried out as well as piercing and hole cutting
- Flying cutting and piercing
- Excellently suitable in crafts, in small and medium-size companies and training centers, for repairs and on construction sites
- Due to the sinusoidal power consumption with PFC (power factor correction), the maximum performance is drawn from the single-phase 230 V mains
- Constanct output power even at voltage fluctuations
- Safe ignition of the pilot arc by drawn arc
- Temperature monitoring of the power components through thermal switch
- Ease-of-use through comprehensibly arranged control and display elements with symbols
- Consumable-Kit as basic equipment
- Suitable for operation at electric power generators with power output min. 10 kVA and max. voltage fluctuations at a rated load of +/- 10% with rapid change of load

CUTi 35

Technical Data

Power source	CUTi 35
Mains voltage	1 x 230 V ± 10 %, 50/60 Hz
Fuse, slow	16 A
Connected load	3.7 kVA
Protection class	IP 21
Open circuit voltage	270 V
Cutting current	5 - 35 A
Duty cycle	40 % at 35 A 60 % at 28 A 100 % at 22 A
Cutting range - **recommended** - **maximum**	 0.5 - 10 mm 12 mm
Dimensions (L x W x H)	480 x 150 x 225 mm
Weight incl. plasma torch	10 kg

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Plasma torch	KjellCut 35C
Plasma and cooling gas	Air
Pressure	0. MPa (4 bar)
Plasma gas consumption	70 l/min

Manufactured on the basis if the standard EN 60974
CE sign, Manufacture according to DIN EN ISO 9001
S sign, applicable to environments with increased hazard of electric shock