



Kjellberg
FINSTERWALDE

the
FINE FOCUS
company

Plasma Cutting Inverters



CUTi 15

cutting thickness
up to 15 mm max.

CUTi 30

cutting thickness
up to 30 mm max.

high reliable powerful light-weights

for flexible and mobile application

in shops and construction sites

The technological advantages of the CUTi plasma cutting inverters

- powerful - reliable - flexible - light-weight -
- These are the benefits of the Kjellberg plasma cutting inverters CUTi15 and CUTi30, offering superior performance in shops and construction sites, in industries and trainings schools as well
- The cutting inverters convince by an excellent plasma arc with high cutting quality at all electrically conductive materials, using air for plasma and cooling gas
- Perfect adaptation to all cutting jobs by stepless adjustable cutting current, with high power, even at line fluctuations
- Easy to handle; contact nozzles and contact caps enable cutting along templates
- Central torch connector with safety circuit makes torch change comfortable
- CUTi inverters are applicable in environments with increased hazard of electric shock
- The CUTi 15 is suitable for connection to single phase lines by using an line adapter and be reduced output to 30A

- Standard accessories -

The plasma cutting inverters will be supplied complete with following accessories:

Plasma cutting inverter CUT i 15

with primary cable 3 m

- Hand torch PHT-15 G/L with central connector, 6 m long, special tools
- Air pressure regulator with water separator
- Workpiece cable, 3 m long
- Adapter CEE 32 A to safety plug 16 A
- Set of spare parts
- Shoulder belt
- Instruction manual

Plasma cutting inverter CUTi 30

with primary cable 3 m

- Hand torch PHT-30 G/L with central connector, 6 m long, special tools
- Air pressure regulator with water separator
- Workpiece cable, 3 m long
- Set of spare parts
- Shoulder belt
- Instruction manual

Technical data

Unit	CUTi 15	CUTi 30
Mains voltage - 50/60 Hz (V)	1 x 230 ±10 %	3 x 400 +6%/-10 %
Fuse, slow (A)	16 / 32 (CEE)	16
Connecting load (kVA)	7,3	10,4
Power factor	0,95	0,95
Protection class	IP 23	IP 23
Insulation class	F	F
Open circuit voltage (V)	280	250
Arc voltage (V)	120	120
Cutting current (A)	15 ... 40	20 ... 70
at duty cycle	40 / 40 %, 30 / 100 %	70 / 35 %, 60 / 60 %, 50 / 100 %
Cutting thickness ¹⁾ quality/severance cut	12 / 15	25 / 30
Plasma torch	PHT-15 G/L	PHT-30 G/L
Plasma and cooling gas	air	air
Total air consumption (l/min)	130	130
Working pressure (bar)	4,0	4,5
Ignition	high voltage	high voltage
Weight with input cable (kg)	10	17
Dimensions L/W/H (mm)	395 / 185 / 230	505 / 185 / 300
Working temperature range(°C)	-10 bis + 40	- 20 bis + 40

1) material depending, standard qualities

Our products are produced according to the latest technical developments. We reserve the rights for technical changes during production. Therefore, claims of whatever kind can't derived from prospectus.

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