

***Kjellberg***  
**FINSTERWALDE**

the  
**FINE FOCUS**  
company

## Plasma Cutting Inverters

**CutFire 50i**  
**CutFire 90i**

**Powerful lightweights  
with air-cooled torch technique  
for mechanized and automated operation**

- ➔ **powerful**
- ➔ **efficient**
- ➔ **flexible**



## Technical data of the plasma inverters

### Reliable light-weights for demanding cutting jobs



	CutFire 50i	CutFire 90i
Connecting voltage (V)	3 x 400 +6% / -10%	3 x 400 +6% / -10%
Connecting power (kVA)	10.4	22.1
Mains fuse, slow (A)	16	32
Open circuit voltage (V)	240	240
Cutting current (A)	20 ... 70	20 ... 120
Duty cycle	50A / 100%	90A / 100%
Cutting range (mm)		
	Plasma and cooling gas	Air
Air consumption (l/min)	140	195
Cutting press. (bar / MPa)	5.0 (0.5)	5.0 (0.5)
Weight (kg)	22	26
Dimensions (mm)	420 X 330 X 560	420 x 330 x 560
Ambient temperature (°C)	-10 bis +40	- 10 bis +40
Accessories (standard)	Plasma torch PMT 50 CNC interface Remote control	Plasma torch PMT 90 CNC interface Remote control

The plasma cutting units are CE conform and comply with the valid instructions and regulations of the European Union. They are developed and manufactured on basis of the standards EN 60974-1 (VDE 0544, part 1) and BGV D1.

All the Kjellberg plasma cutting units are holding the S-mark, and are therefore applicable in environments with increased hazard of electric shock.

The fabrication follows DIN EN 9001.

Our products are representing a high level of quality and reliability. We reserve the right to change design and/or specifications without notice. Claims of whatever kind can not derived from this prospectus.

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# Kjellberg

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