

INVERTER 1305i

◆ Highlights INVERTER 1305i

- + Weldable stud range 3–16 mm
- + Max. current 1300 A
- + Max. time setting 1000 ms
- + Low weight
- + Welding energy accurately adjustable



Technical data

Stud welding with ceramic ferrule, weldable stud range Ø (mm)	3–16
Short cycle stud welding, weldable stud range Ø (mm)	3–8
Stud welding with shielding gas, weldable stud range Ø (mm)	2–16
Max. current (A)	1300
Current setting range (A)	200–1300
Time setting range (ms)	1–1000
Storage of parameters for current, time and Gas pre-flow time	20
Max. stud/min. at ... Ø (mm)	2/16 5/12
Mains connection 50/60 Hz, (V)	3x400
Mains plug at 400 V (A)	32
4-wire mains cable at 400 V (m/mm ²)	5/6
Mains plug at 230/400 V (A)	35
Main power consumption at ...% ED (kVA)	2/69, 4,5/45, 100/9,5
Tolerance range mains voltage (%)	- 15/+ 6
Class of protection	IP 23
Cooling	F
Housing dimensions (L x B x H) mm	550 x 175 x 395
Weight (kg)	ca. 24
Gas pre-flow time (ms)	100–2000

Special features

- Particularly suitable for short-cycle-stud welding
- Particularly suitable for thin work-pieces
- Stepless, exact adjustment of welding current and time
- Ideal for mobile tasks
- Designed for welding on building sites
- Plain text on LC-display
- Operating interface: choice between 4 languages: German, English, French, Italian
- Shielding gas equipment: standard
- Self-diagnosis: overheating, short circuit control, failure and malfunction of pilot arc
- Microprocessor controlled
- Constant current regulation
- Repeat cycle lock
- Steel housing, powder-coated
- Interface for automatic components: optional
- Stud counter