



# INVERTER 1305i

- Weldable stud range 3–16 mm
- Max. current 1.300 A
- Max. time 1.000 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<br>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 <sup>2</sup> )              | 5/6                         |
| Mains plug at 230/400 V (A)                                   | 35                          |
| Mains power consumption at ...% ED (kVA)                      | 2/69,<br>4,5/45,<br>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)                                                   | approx. 24                  |
| Gas pre-flow time (ms)                                        | 100–2000                    |

- 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



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