



## IT 1002 Stud welding machine

Precise results through advanced inverter technology

- ▲ Stud range 3–14 mm
- ▲ Maximum current 1000 A
- ▲ Maximum time 1000 ms

Welding process	DA (Drawn Arc), SC (Short cycle)
Welding materials	Mild steel, Stainless steel and Aluminium
Technology	Inverter
Equipment	
Welding with ceramic ferrule	X
Welding with shielding gas	X
Process control	(optional)
Display	Digital
Welding range	M3 to M16 (type RD), dia. 2 to 14 mm / #4 to 5/8" (type RD), dia. 14 ga to 9/16"
Welding rate	M12 / 1/2" = 25 studs/min
Welding current	1000 A (max.)
Current adjustment range	100 to 1000 A, electrode 50 to 400 A (stepless)
Welding time	5 to 1000 ms (stepless)
Primary power	400 V*, 3 phases, 50/60 Hz, 35 AT (slow blow)
Primary plug	32 A (at 400 V mains)
Connected load	50 kVA (with 400 V mains)
Cooling type	F (temperature controlled cooling fan)
IP Code	IP 23
Dimension LxWxH (without handle)	660 x 280 x 340 mm / 26" x 11" x 13.4"
Weight	31 kg / 68.343 lbs
Suitable guns	A 12, A 12-FL, A 16, CA 08