

Stud Welding Equipment - Arc

IT 2002 STUD WELDING UNIT



IT 2002

Stud Welding Unit
for Arc stud welding
according to current standards

Inverter

- Maximum welding quality
- Maximum welding rates
- Minimum energy consumption
- Minimum weight
- Maximum efficiency

Technical Data	
Gas	Option
Welding range	#4 to 1", dia. 14 ga to 1" (M3 to M24, dia. 2 to 25 mm)
Welding material	Mild steel, Stainless steel, Aluminum
Welding rate	Dia. 7/8" = 7 studs/min (dia. 22 mm = 7 studs/min)
Welding current	2,000 A (max.)
Current adjustment range	300 to 2,000 A (stepless)
Welding time	5 to 1,500 msec (stepless)
Primary power	480/460 V, 3 phases, 50/60 Hz, 63 AT (alternative input voltages available)
Connected load	100 KVA (with 400 V mains), 80 kW
Cooling type	F (temperature controlled cooling fan)
IP-code	IP 23
Dimension L x W x H	23.6" x 19.7" x 32.7" (600 x 500 x 830 mm) without handle
Weight	209.4 lbs (95 kg)
Order No	93-66-2201 93-66-2202 (Gas)
General Information	
Application <ul style="list-style-type: none"> • Especially suitable for thicker sheets of about 2 mm or higher • Especially suitable for welding of concrete anchors/shear connectors for job site applications • Suitable for through deck welding 	
Process variants <ul style="list-style-type: none"> • Short cycle drawn arc welding • Drawn arc welding 	
Equipment <ul style="list-style-type: none"> • Welding with ceramic ferrule (series) • Welding with shielding gas (series) 	



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