

Stud Welding Equipment - CD

CDI 3102 TECHNICAL DATA SHEET



CDi 3102

Stud Welding Unit (with digital display)
For CD stud welding (capacitor discharge welding)
according to current standards

Inverter-Capacitor Charging Technology

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

Technical Data	
Welding range	#4 to 7/16", dia. #4 to 3/8" (M3 to M10, dia. 3 to 10 mm)
Welding material	Mild steel, stainless steel, aluminum and brass
Welding rate	M3 = 20 studs/min. (Charging voltage 50 V) M8 = 10 studs/min. (Charging voltage 140 V) M10 = 6 studs/min. (Charging voltage 200 V)
Capacitance	132,000 µF
Welding time	1 to 3 msec
Energy	3,200 Ws
Charging voltage	50 to 220 V (stepless voltage regulation)
Primary power	115 V, 50/60 Hz, 10 AT
Power source	Capacitor
Cooling type	F (temperature controlled cooling fan)
IP-code	IP 23
Dimension L x W x H	18.90" x 8.07" x 9.84" (480 x 205 x 250 mm) without handle
Weight	39.68 lbs (18 kg)
Order No	92-12-3102
General Information	
Application	- Especially suitable for thin sheets (at least 0.5 mm)
Process variants	- Contact welding - Gap welding



website www.sunbeltstudwelding.com email info@sunbeltstudwelding.com
6381 Windfern Road, Houston, TX 77040 telephone 1.800.462.9353 - Houston 713.939.8903 fax 713.939.9013