



Inverter-Capacitor Charging Technology

Maximum welding rates
Minimum energy consumption
Minimum weight
Maximum efficiency

CDi 502

Stud Welding Unit

for CD stud welding (capacitor discharge welding)
according to current standards

Technische Daten

Welding range	Studs (mild steel, stainless steel): M3 to M6, dia. 3 to 6 mm Studs (aluminium): M3 to M4, dia. 3 to 4 mm
Welding material	Mild steel, stainless steel
Welding rate	M6 = 10 studs/min (charging voltage 95 V)
Capacitance	100 000 µF
Welding time	1 to 3 ms
Energy	500 Ws
Charging voltage	50 to 100 V (stepless voltage regulation)
Primary power	100 V to 240 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	363 x 163 x 257 mm (with handle)
Weight	9.9 kg
Order No	92-10-0502 (CDi 502) 92-40-154 (Ground cable) 92-20-275 (C 06-3 – Stud welding gun) 92-40-050 (Accessories up to 6 mm – chucks M3 to M6, socket wrench)