



### CDi 1502



- For construction sites and workshops (IP 23)
- Welds to M8 (5/16") on thin sheets

M3 to M8  
#4 to 5/16"



### CDi 2302



- All-rounder for construction sites and workshops (IP 23)
- Welds limited to M10 (7/16") on thin sheets

M3 to M8 (M10)  
#4 to 5/16" (7/16")



### CDi 3102



- Energy package for construction sites and workshops (IP 23)
- For larger studs with energy reserve for coated surfaces

M3 to M10  
#4 to 7/16"



<b>Welding process</b>	CD	CD	CD
<b>Welding material</b>			
<b>Technology</b>	Inverter-Capacitor Charging Technology	Inverter-Capacitor Charging Technology	Inverter-Capacitor Charging Technology
<b>Display</b>	Digital	Digital	Digital
<b>Welding range</b>	M3 to M8, dia. 2 to 8 mm / #4 to 5/16", dia. 14 ga to 5/16" Cupped head pins: dia. 2 and 2.7 mm / 14 ga and 12 ga Insulation pins: dia. 2 and 3 mm / 14 ga and #4	M3 to M8 (M10 limited), dia. 2 to 8 mm (dia. 10 mm limited) / #4 to 5/16", (7/16" limited), dia. 14 ga to 5/16" (dia. 3/8" limited)	M3 to M10, dia. 3 to 10 mm / #4 to 7/16", #4 to 3/8"
<b>Welding rate</b>	M3 / #4 = 40 studs/min. (voltage 60 V) M8 / 5/16" = 14 studs/min. (voltage 200 V)	M3 / #4 = 33 studs/min. (voltage 60 V) M8 / 5/16" = 12 studs/min. (voltage 170 V) M10 / 7/16" = 9 studs/min. (voltage 210 V)	M3 / #4 = 20 studs/min. (voltage 50 V) M8 / 5/16" = 10 studs/min. (voltage 140 V) M10 / 7/16" = 6 studs/min. (voltage 200 V)
<b>Capacitance</b>	66000 µF	99000 µF	132000 µF
<b>Welding time</b>	1 to 3 ms	1 to 3 ms	1 to 3 ms
<b>Energy</b>	1600 Ws	2400 Ws	3200 Ws
<b>Charging voltage</b>	50 to 220 V (stepless voltage regulation)	50 to 220 V (stepless voltage regulation)	50 to 220 V (stepless voltage regulation)
<b>Primary power</b>	230 V/115 V*, 50/60 Hz, 10 AT (slow blow) *alternative primary power see „Order No.“	230 V/115 V*, 50/60 Hz, 10 AT (slow blow) *alternative primary power see „Order No.“	230 V/115 V*, 50/60 Hz, 10 AT (slow blow) *alternative primary power see „Order No.“
<b>Connected load</b>	600 VA	600 VA	600 VA
<b>Power source</b>	Capacitor	Capacitor	Capacitor
<b>Cooling type</b>	F (temperature controlled cooling fan)	F (temperature controlled cooling fan)	F (temperature controlled cooling fan)
<b>IP Code</b>	IP 23	IP 23	IP 23
<b>Dimension LxWxH (without handle)</b>	400 x 205 x 250 mm / 15.75" x 8.07" x 9.84"	480 x 205 x 250 mm / 18.90" x 8.07" x 9.84"	480 x 205 x 250 mm / 18.90" x 8.07" x 9.84"
<b>Weight</b>	14 kg / 30.87 lbs	17 kg / 37.48 lbs	18 kg / 39.68 lbs
<b>Suitable guns</b>	C 08, CA 08, CI 03	C 08, CA 08	C 08, CA 08



#### Order No.

92-10-1502B (230 V)  
92-12-1502B (115 V)  
92-13-1502B (100 V)

92-40-095 (ground cable, 2.5 m, 25 mm<sup>2</sup>, 2 vice grips 10")

For CI 03:

92-40-091 (ground cable, 6.7 m, 16 mm<sup>2</sup>, 1 vice grip 10")

Legend

Welding process: CD = Capacitor discharge stud welding