

MIDWEST Fasteners, Inc.

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[Product Brochure \(PDF\)](#)[Owner's Manual \(PDF\)](#)**CD 100****CAPACITOR DISCHARGE
STUD WELDER**

The CD 100 Capacitor Discharge Stud Welder from Midwest Fasteners is one of the most powerful units on the market today. With solid state design, the CD 100 is perfectly matched to heavy-duty industrial fastening for welding larger diameter CD studs.

Not only can the CD 100 weld materials such as mild steel, stainless steel, aluminum and brass---the unit is also capable of welding studs up to 3/8" diameter weld base. Due to the speedy capacitor discharge process, studs can be welded to material as *thin as .020" gauge without burning through.*

The CD 100 comes equipped with a *high/low power range switch* that is helpful in welding small and large diameter fasteners. This variable capacitance switch allows the operator to fine tune critical applications from 84,000 to 168,000 MFD. Another unique feature of the CD 100 is the LED panel meter, which displays capacitor discharge voltage at a glance.

Solid state circuitry and rugged steel chassis assure durability and long service life. What's more the unit is loaded with safety features. *Circuit breaker protection* prevents expensive repair to component parts, such as printed circuit boards. The *recessed control panel* protects gauges and control knobs. And the *auto fault shut-off* aids in operator safety.

An *ultra-light 24 ounce "Precision Contact Gun"* is included with the CD 100 welding system. With this gun, operator fatigue is reduced --- thereby increasing production. The CD 100 contact gun also includes *interchangeable main spring pressure* that is necessary for many special welding applications, and critical in welding aluminum fasteners and dissimilar materials.

The CD 100. Available only from Midwest Fasteners --- *your complete source for stud welded fasteners CD stud welding systems.*

CD 100**CAPACITOR DISCHARGE
WELDING SYSTEM****SPECIFICATION****POWER****SUPPLY / CONTROLLER**

Height	9"
Width	13-1/2"
Depth	21"
Wieght	66 Pounds
Capacitance	Low - 84,000 mfd
	High - 168,000 mfd
Weld Rate	up to 14/min.

WELD GUN**(CD - 2P PRECISION)**

Weight	1-1/2 Lbs.(Not including cable)
Size (LWH)	6-1/2' x 2" x 5-3/4"
Weldable Dia	1/4 Gauge through 3/8" Dia.
Materials	High strength, impact resistance, Polycarbonate

Weldable Material	Mild Steel, Stainless Steel	CABLES	Ground cable # 1x15ft.(two each)
	Aluminum		
Pin/Stud Range	14 GA, thru 3/8' Dia. weld base.	Gun Extension Set	# 1x18/2 x 35ft. (direct to gun)
Weld Voltage	35-175 VDC		
Weld Mode	Contact		
Power Requirement	115VAC, 60 Hz, 30 AMP		

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