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CD 80

CAPACITOR DISCHARGE  
STUD WELDER



The CD 80 from Midwest Fasteners is a standard-duty Capacitor Discharge Stud Welding System designed specifically for the OEM industry. This system's solid state design and modular construction promises dependability, versatility, portability and long service life.

The CD80 welds materials such as Mild Steel, Stainless Steel, Aluminum and Brass. The capacitor discharge process is so fast that studs can be welded to *materials as thin as .015" without burning through*. What's more, the CD80 is powerful enough to weld fasteners from *14 gauge through 5/16" diameter weld base*. It operates on standard 120 Volt AC incoming power and features stepless weld voltage control. A 220 Volt AC "Export" system is also available.


The unit's *solid state circuitry* means greater dependability and lower maintenance costs, since moving parts are eliminated. And the *rugged steel chassis* makes the CD80 able to withstand typical construction jobsite environments. Gauges and control knobs are protected by a *recessed control panel*. The auto fault shut off helps guard operator safety, and the panel meter displays capacitor discharge voltage at a glance. Another safety feature, *circuit breaker protection*, prevents expensive repair to component parts, such as printed circuit boards.

Midwest Fasteners includes an *ultra-light 24 ounce Precision Contact Gun* with the CD80. With this Contact Gun, operator fatigue is reduced---thereby increasing production. *Interchangeable main-spring pressure* is also featured on the CD80 contact weld gun. This feature is critical in welding aluminum fasteners and dissimilar materials, and is necessary in many special welding applications.

The CD80. Available only from Midwest Fasteners--*your complete source for stud welded fasteners and CD stud welding systems.*

CD 80

CAPACITOR DISCHARGE  
WELDING SYSTEM



SPECIFICATION	WELD GUN
POWER	(CD - 2P PRECISION)
SUPPLY / CONTROLLER	

Height	8-1/2"	Weight	1-1/2 Lbs.(Not including cable)
Width	9-7/8"	Size (LWH)	6-1/2' x 2" x 5-3/4"
Depth	18-1/2"	Weldable Dia	1/8" through 5/16" Dia
Wieght	58 Pounds	Materials	High strength,impact resistance, Polycarbonate
Weld Rate	up to 20/Min.		
Weldable Materials	Mild Steel, Stainles Steel		
	ALUMINUM		
Pin/Stud Range	14Ga, thru 5/16" dia weld base	<b>CABLES</b>	
Weld Voltage	35-175 VDC	Ground cable	# 1x15ft.(one each)
Capacitance	98,000 Mfd	Gun Extension Set	# 1x18/2 x 35ft. (direct to gun)
Weld Mode	Contact		
Power Requirement	115VAC, 60 Hz,20 Amp		