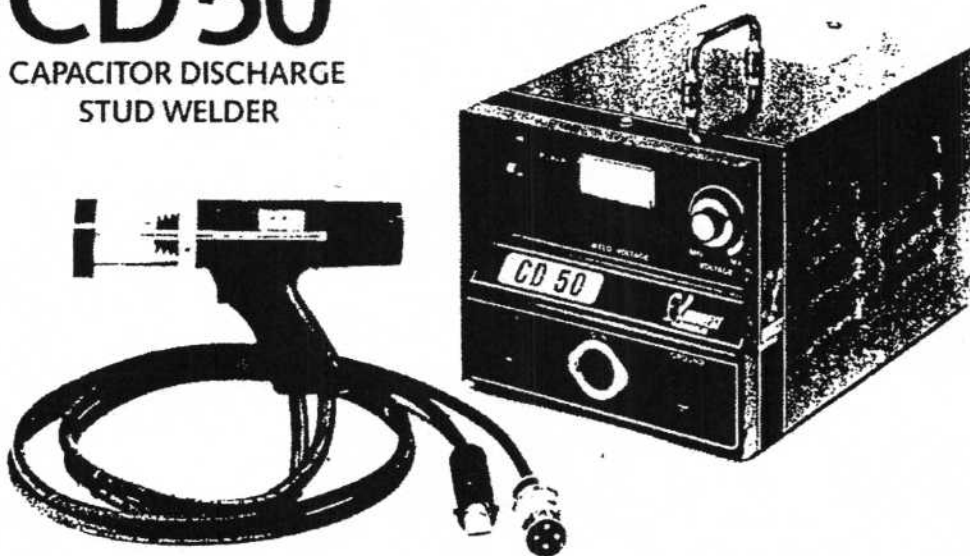


# CD50

CAPACITOR DISCHARGE  
STUD WELDER



The CD50 Portable Capacitor Discharge Welding System is Midwest Fasteners' lowest cost unit for insulation fastening. The CD50 system is also one of the *smallest and lightest weight* units manufactured today.

Designed for general use in light construction, the CD50 is capable of welding materials such as mild steel, stainless steel, aluminum, brass and more. Studs can be welded to materials as *thin as .015" without burn through*, due to the speedy capacitor discharge process. What's more, the CD50 is powerful enough to weld fasteners from *14 gauge through 1/4" diameter*. 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 CD50's *solid state circuitry* assures long life and dependability. And the *rugged steel chassis* withstands the rigors of construction jobsites. Gauges and

control knobs are protected by a *recessed control panel*. The *auto fault shut off* helps maintain 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 board.

As with all Midwest Fasteners' CD welding systems, the CD50 is equipped with an *ultra-light 24 ounce Contact Gun*. With this gun, operator fatigue is reduced—thereby increasing production. The weld gun features *interchangeable main spring pressure*, necessary for special welding applications, and the welding of dissimilar materials. The unique *drilled through gun shaft* enables precise gun set up for welding aluminum pins and extra long CD weld pins.

## NEW-AGE

FASTENING SYSTEMS, INC.

Studwelding Equipment, Fasteners & Supplies  
Boiler Outage Specialists  
Jobsite Studwelding Division

P.O. Box 5658, Deptford, NJ 08096

Phone: (856) 218-8301

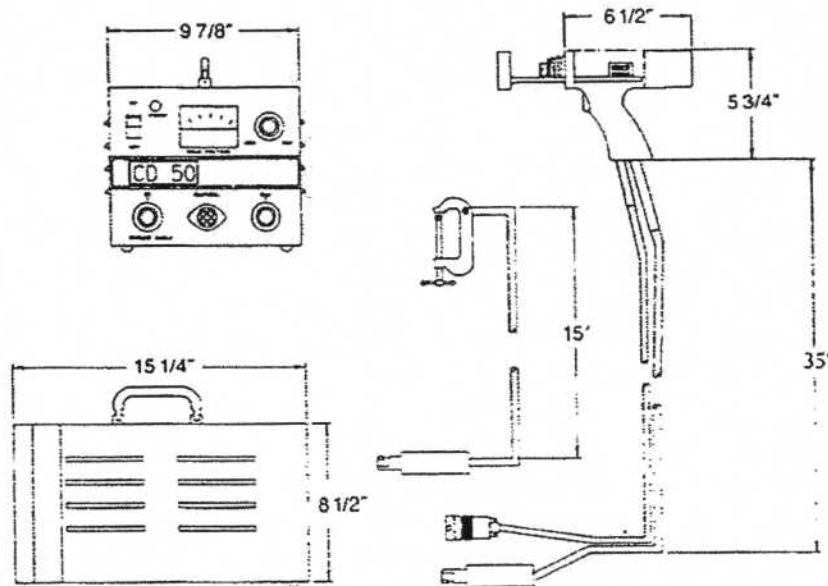
Fax: (856) 218-8305

Toll Free: (888) 889-3833

steve@newagestudwelding.com

All information contained herein subject to change without notice.

# CD 50 CAPACITOR DISCHARGE WELDING SYSTEM



## ***SPECIFICATIONS:***

### **POWER SUPPLY/CONTROLLER**

Height	8-1/2"
Width	9-7/8"
Depth	15-1/4"
Weight	45 Pounds
Weld Rate	20/Min.
Weldable Materials	Mild Steel, Stainless Steel, Aluminum
Pin/Stud Range	14 Ga. thru 1/4" Dia.
Weld Voltage	35-175 VDC
Capacitance	70,000 Mfd
Weld Mode	Contact
Power Requirement	115VAC, 60Hz, 20 Amp

### **WELD GUN**

Weight	1-1/2 Lbs. (Not including cable)
Size (LWH)	6-1/2" x 2" x 5-3/4"
Weldable Dia.	14 Gauge through 1/4" Dia.
Material	High strength, impact resistance, polycarbonate

### **CABLES**

Ground Cable	#4 x 15 Ft.
Gun Cable	#4 x 18/2 x 35 Ft.

[Combination Extension Set, 25 Ft. Optional!]

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