

CD Stud Welding

CD66 CAPACITOR DISCHARGE WELDER

FEATURES AND BENEFITS

The most compact and lightweight welding unit available in the industry

Designed to support both gap and contact welding methods

Rugged construction stands up to even the roughest treatment and harshest environments

Highly flexible design can be used in a wide range of industrial and insulation applications

Rapid operation delivers an incredible 24 continuous welds per minute

Innovative safety features protect operators like no other unit can

Ground Fault Interruption (GFI) protection — An industry first



NOTE: DVD case is for scale comparison only.

The CD66 (Capacitor Discharge) Welder is designed for the convenience and comfort of the operator. With a stud capacity of up to 1/4" steel and stainless steel, the unit is ideal for use in light industrial applications. Its portability on the job—enhanced by its adjustable shoulder strap—makes the CD66 a smart choice for insulation applications as well.

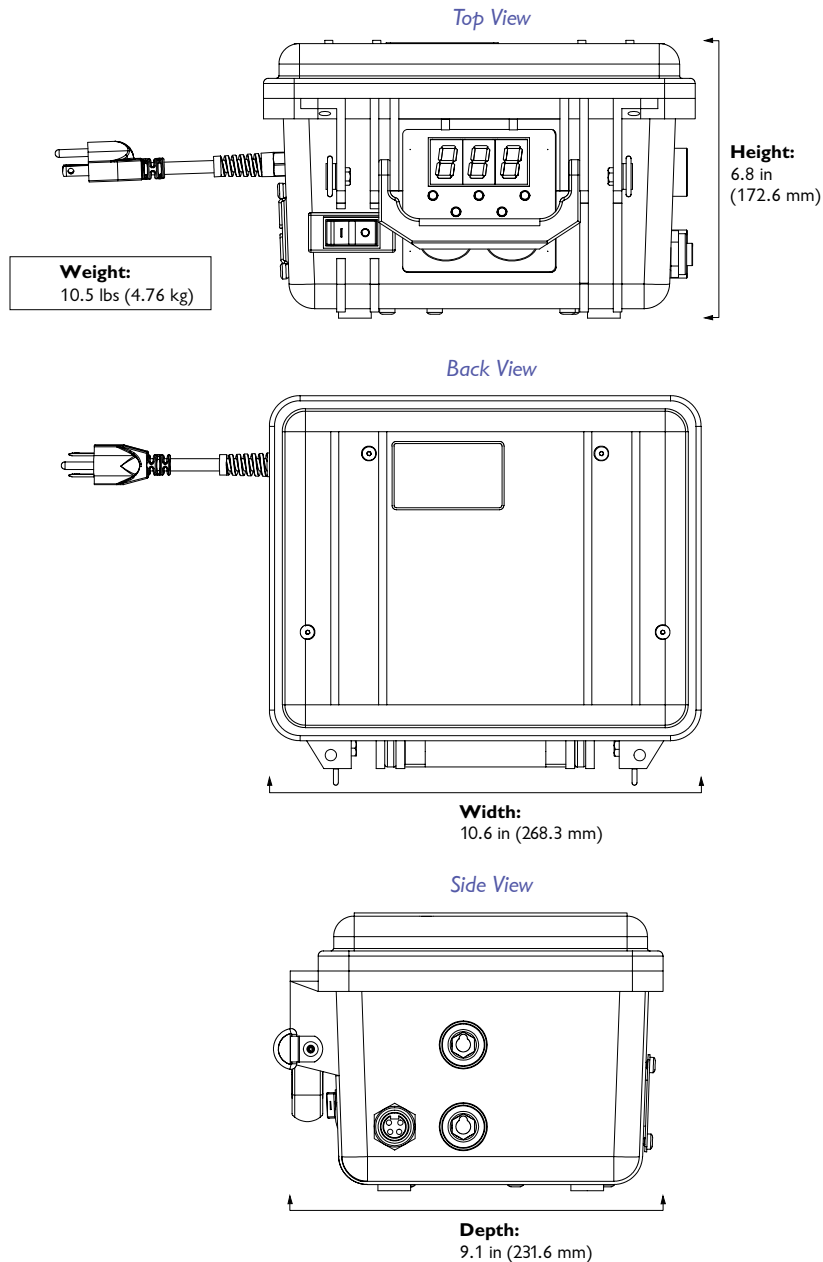
The CD66 measures 10 5/8" x 9 11/16" x 6 7/8" (270 mm x 246 mm x 174 mm) and is lightweight at 10.5 lbs (4.76 kg)—the lightest unit available. Its tough, corrosion-proof plastic case is made from an ultra-high-impact co-polymer that provides extra insulation and resists rusting and denting in even the most demanding work environments. The demand fan and thermal shut-down protection also prevent possible damage to the unit.

The CD66 allows you to auto-select the type of welding on the spot, by supporting both gap and contact welding. This automatic, double capability performs the work of two tools in one!

The CD66 ensures safe operations for all users. A microprocessor conducts continuous system checks for component fault and controls unit shut-down. Dual weld SCRs provide maximum weld current restriction safety. Operator lights clearly indicate status, and the included manual simplifies error code look-up.

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MECHANICAL SPECIFICATIONS



ELECTRICAL SPECIFICATIONS

	Incoming	Outgoing
Voltage	120 VAC	40–150 VDC
Current	15 A	3,000–9,000 A
Hertz	50–60	DC
Capacitance		66,000 μ f

CAPACITY SPECIFICATIONS

- Charge Time: < 3 seconds to maximum charge
- Duty Cycle: 24 welds/minute at maximum voltage

OPERATIONAL SPECIFICATIONS

- Indicator Lights (5)
- Resettable Breaker
- Fan Thermal Switch
- Safety Shutdowns
- 7 Segment Voltage/Message Display

ORDERING INFORMATION*

Description	Model	Part Number
Power Supply	CD66	PRA1

Weld Tools

Contact with Legs & Foot	CL	GRAAZ-15
Contact with Spark Shield	CA	GRCAZ-15
Contact with Tripod	CA	GRBAZ-15
Gap with Legs & Foot	GL	GRDAZ-09
Gap with Spark Shield	GA	GRFAZ-09
Gap with Tripod	GA	GREAZ-09

Cables

Ground Cable C-Clamp	CN0FZ-15
Ground Cable Vise Grip	CN0GZ-15

* A complete system includes a power supply, weld tool, and ground cable.

IMAGINATIVE SOLUTIONS FROM AN INDUSTRY LEADER

The CD66 is the result of imaginative thinking and a commitment to provide our customers with reliable, easy-to-use stud welding equipment. As a technology-driven industry leader in stud welding, Image Industries continues to provide innovative, cost-effective solutions to your fastening challenges. We can provide everything you need—equipment, technical expertise, value-added solutions, and exceptional customer service—all from one company.

To learn more about the CD66 Capacitor Discharge Welder or to discuss your requirements, call us at (800) 722-7883.

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