

CD Stud Welding

CD110 CAPACITOR DISCHARGE STUD WELDER

FEATURES AND BENEFITS

Offers clean, fast welds with no reverse side marring

Achieves one-sided welds with minimal distortion on a variety of materials as thin as 0.020" (0.5mm)

Uses carbon steel, stainless steel, aluminum and brass materials

Allows weld settings to be tailored to the application via user selectable capacitance

Eliminates wasted time with adjustable up and down weld voltage

Provides uncompromising operator safety—including checks for failure of key power components — via microprocessor control

Enables accurate, repeatable setup using a digital voltage meter



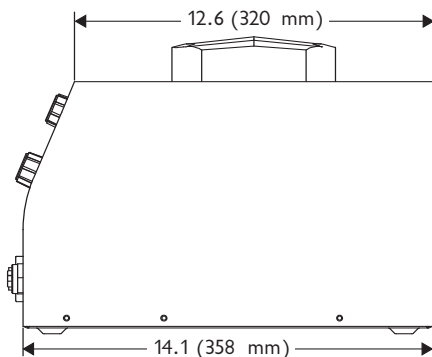
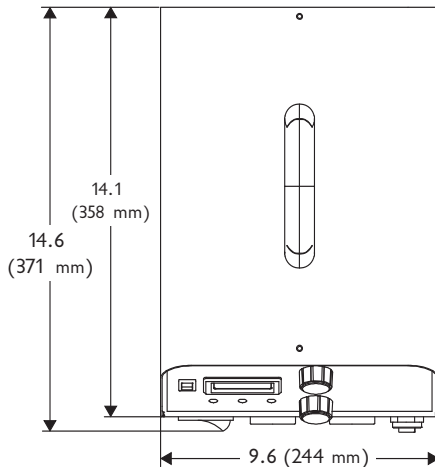
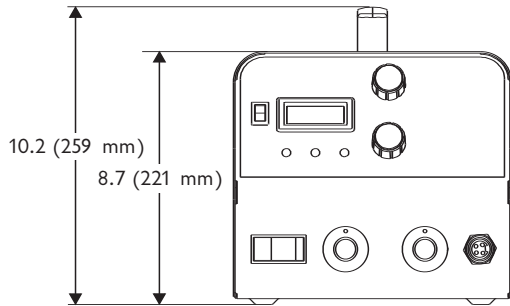
The Image CD110 stud welder enables extremely fast welds with a clean, attractive appearance. This is possible because of short weld times that minimize heat buildup, resulting in very little discoloration, burning, or reverse side dimpling. Capable of both contact and gap capacitor discharge (CD) stud welding, the stud welder's outstanding durability and flexibility are able to meet any CD stud welding challenge. The CD110 is ideal for such applications as cookware, electrical, computer and telephone communication enclosures, hardware, and doors.

The CD110 offers 110,000 microfarads of capacitance to handle up to 3/8" steel CD weld studs. The stud welder saves production time and cost with short weld times of 0.01 seconds, and a charge time of less than three seconds.

Housed in a durable steel case with powder coat paint, the CD110 includes a demand cooling fan for maximum throughput. Electrical safety is assured via automatic overvoltage protection and a resettable circuit breaker.

Make the welding process as simple and reliable as possible with the Image CD110, the CD stud welder that can provide you with years of quality service.

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ELECTRICAL SPECIFICATIONS

	Incoming	Outgoing
Voltage	115/230 VAC	50-200 VDC
Current	15/10 A	3,000-9,000 A
Hertz	50-60	DC

	Selectable Capacitance
Low	66,000 microfarads
Medium	88,000 microfarads
High	110,000 microfarads

CAPACITY SPECIFICATIONS

- Charge Time: < 3 seconds to maximum charge
- Duty Cycle: 10% duty cycle at maximum charge

OPERATIONAL SPECIFICATIONS

- Indicator Lights (3)
- Resettable Breaker
- Fan Thermal Switch
- Safety Shutdowns

ORDERING INFORMATION*

Description	Part Number
CD110 (power supply only)	PKA1
Bantam weld tool	GDA2C-15
Standard Ground Cable (C-clamp)	CN2F2-15
Pin weld tool	GGAA2C-15
Extension Cable	CE2BC29A-25
Double Ground (C-clamps)	CN8F2-15
Double Ground (vice grips)	CN8G2-15

* A complete system will require a power supply, welding tool and a ground cable.

IMAGINATIVE SOLUTIONS FROM AN INDUSTRY LEADER

The CD110 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 CD110 Capacitor Discharge Stud Welding Equipment or to discuss your requirements, call us at (800) 722-7883.



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