



# SOUTHERN STUD WELD, INC.

## SSW CD 110

Capacitor Discharge Stud  
Welder

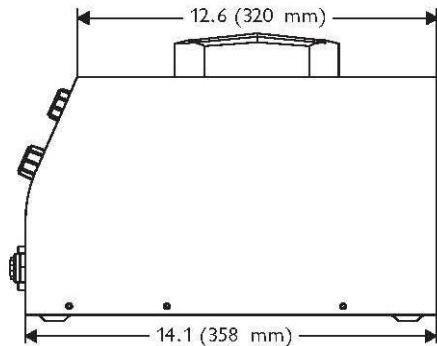
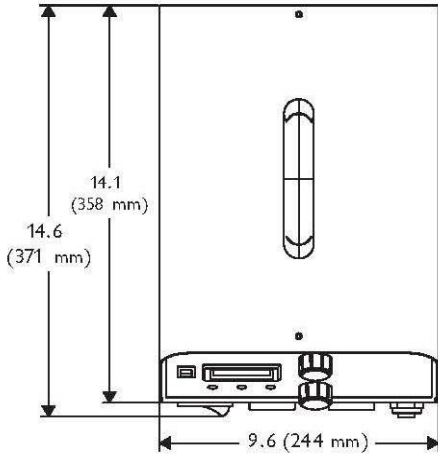
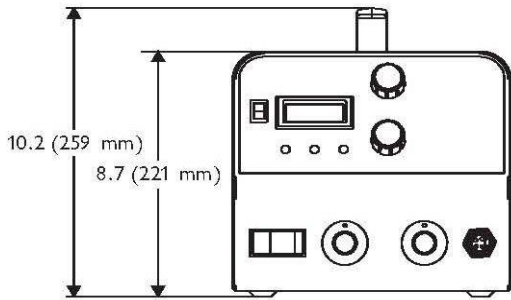


## Description

The SSW CD 110 stud welder is a state of the art capacitor discharge stud welding system featuring microprocessor control for precise adjustment of welding parameters. Capable of both contact and gap welding methods and with a selectable capacitor bank, this versatile system can be customized for welding steel, stainless steel, and aluminum.

The CD 110 offers 110,000 microfarads of capacitance to handle up to 3/8" (M10) steel CD weld studs. The stud welder saves time and costs 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 CD 110 includes a demand cooling fan for maximum throughput. Electrical safety is assured via automatic overvoltage protection and a resettable circuit breaker. Paired with the heavy duty CD gun, this rugged system holds up in demanding environments.



## 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

Mild Steel Studs #4 (3mm) – 3/8" (M10)

Stainless Steel/Aluminum #4(3mm)-5/16" (M8)

## OPERATIONAL SPECIFICATIONS

On demand cooling fan

Selectable capacitor bank

Digital voltage display

The CD 110 stud welder comes with a heavy duty CD gun with 40' cable. A 15' ground cable is also included. SSW will set the system up with the accessories for one diameter of weld stud. Please specify what diameter stud when ordering.

Please contact Southern Stud Weld for more information or to discuss your stud weld application.

**Southern Stud Weld – Houston** 3910 H North Fwy, Houston, TX 77022 **800-929-0296**  
email: [sales-houston@studweld.com](mailto:sales-houston@studweld.com)

**Southern Stud Weld – Dallas/FW** 3645 Conflans Road, Irving, TX 75061 **877-929-6707**  
email: [sales-dallas@studweld.com](mailto:sales-dallas@studweld.com)