

# SURE SHOT

## Capacitor Discharge Welder MECHANICAL SPECIFICATIONS

11.6"  
(295 mm)

13.7"  
(348 mm)



18 lbs.  
(8.2 kg)



### ELECTRICAL SPECIFICATIONS

	Incoming	Outgoing
Voltage	110/220 VAC	35 - 160 VDC
Current	15/7.5 Amp	3,000 - 9,000 A
Hertz	50/60Hz	DC
Capacitance		100,000 uF

### CAPACITY SPECIFICATIONS

- Pin/Stud Range: 14 GA. thru 5/16" dia. Weld Base
- Weldable Materials: Mild Steel, Stainless, Aluminum
- Weld Rate: 24 welds per Minute at Max Voltage
  - Charge Time: <3 seconds @ Max. Charge
  - Mode: Capacitor Discharge

### OPERATIONAL SPECIFICATIONS

- Indicator Lights (3) • Resettable Breaker
- Thermal Fan • Safety Shutdowns
- 7-Segment Digital Display

### WELD GUN

Weight: 1.6 lbs. (73 kg) *[not including cable]*

Size [LWH]: 4 7/8" x 2" x 5 3/4"

[124mm x 51mm x 146mm]

Weldable Diameter: 14ga. Thru 5/16" [M8] Dia. Weld Base

Material: High strength, impact resistant polycarbonate

### CABLES

Ground Cable: #4 x 15 ft. [4.6m] - one each

Gun Cable Set: #4 x 18/2 x 20 ft. [6.1m] - direct from gun



6.0"  
(152 mm)