

ASAP FASTENING SYSTEMS, INC.

Supplies for industry and construction

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Model TWP-1 Capacitor Discharge Pin Welder



TWE-Pin Welder Description

Incorporates the latest solid state technology into a compact and rugged capacitor discharge stud welder. This system has the capability to weld studs and pins (including cupped head pins) up to 10ga.

DESCRIPTION

TWP-1 Specs	
Size	10-5/8" x 9-11/16" x 6-7/8" 270mm x 246mm x 174mm
Weight	10.6 lbs.
Weld Range	Weld Pins - Up to 10 gauge CD Studs - up to #10
Duty Cycle	16-20 studs per minute
Primary Power	110 VAC @ 50/60Hz 15 amp circuit or 220 VAC @ 50/60Hz 7.5 amp circuit
Charge Voltage	35-110 VDC

Operational and Safety Features

- LED Voltage Meter
- Safety Shutdown
- Cooling Fan
- Front-Panel Informational LED's
- Dial-down weld voltage control

- Digital DC Voltage read-out (allows for more accurate and repeatable weld settings).
- Cooling Fan for increased efficiency.
- Dial-down DC voltage settings (no need to turn off the unit when resetting to a lower voltage).
- Only 15 amp circuit requirement (unit fused at 15 amps).
- Terminal connections on capacitors are over 5/8" in diameter for a good seat of the terminal buss bars to increase reliability.
- Terminal connections on capacitor has 1/4-20 socket set screws inserted into each one. The socket set screw is used to make the connection to the buss bars. This eliminates damaging the threads in the aluminum connections of the capacitor, assuring a solid contact connection.
- Rigid internal construction connecting the the entire internal unit to the front and rear panels minimizes the opportunity of the components coming loose during handling or operations.
- The TWE-Pin Welder weighs less than 11 pounds for ease of carrying.
- The TWE-Pin Welder is mounted in a rugged outer case for greater durability, texture, and appearance.
- CD Stud guns are ergonomically designed for better hand fit and comfort which reduces operator fatigue for increased weld repeatability.
- CD Stud guns have a permanent internal spring with easy adjustment for various spring pressures for applying the correct spring pressure to the weld.
- CD Stud guns can be configured for "B" collets, "C1" collets, Euro collets, or standard tapered chucks.