

CAPACITOR DISCHARGE | LIGHTWEIGHT WELDER

Fasten Foil Face Insulation With 120V Power Supply

The PowerPinner 7300 is a Capacitor Discharge (CD) welder designed to fasten 10 or 12 gauge cupped head weld pins to galvanized sheet metal. It is light weight and the 15 pin per minute duty cycle makes it perfect for attaching duct wrap in the field. This welder weighs only 11 pounds and runs on 120 VAC current. Simply place the weld pin on the magnetic gun tip, press the pin through the insulation and pull the trigger to weld pins up to 4 inches long.



With a compact design and a rugged self contained interior, the 7300 is a versatile and practical unit.

Features Include:

Portable

An advanced lightweight design, with handle, makes maneuvering the 11 lbs. power unit very easy.

Field Specific Duty Cycle

With the capability of 15 pins per minute, this unit is made for field application.

Input Voltage - 120 VAC at 50/60Hz 10 Amp Circuit
230 VAC at 50/60 Hz 5 Amp Circuit

Cables

Gun - 21 feet, #4 weld cable and #18/2 control cable
Ground - 15 feet, #4 weld cable, terminating in a C Style ground clamp



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Gripnail Cupped Head Weld Pins

For peak performance, it is highly recommended using GRIPNAIL's full line of Cup Head Weld Pins. Available in three different cap sizes, multiple shank diameters, and a variety of lengths

Additional Features

Terminal Connections

Terminal connections on the capacitor are over 5/8 inches in diameter for a good seat on the terminal buss bars to increase reliability.

Intuitive Touchscreen Interface

An easy-to-use Touchscreen interface offers preset values for fast, accurate, and repeatable weld settings. Operation specific information and diagnostic indicators are also included should troubleshooting becomes required.

Socket Set Screws

The terminal connections on the capacitor have 1/4 - 28 socket set screws inserted in to each one. The socket set screw is used to make the connection to the buss bar. This eliminates damaging the threads in the aluminum connectors of the capacitor, which ensures a solid connection.

Rigid Internal Construction

The unit is internally designed as a rigid construction, connecting all the internal components to the front and rear panels. This minimizes the opportunity of the components being effected by rigorous environments normally found in common applications.

Rugged Outer Case

The PowerPinner 7300 is mounted in a rugged outer case for greater durability, texture, and appearance.

Specialized GRIPNAIL Weld Gun

The GRIPNAIL Pistol Grip Weld Gun has a preset spring which applies the exact amount of pressure required to perfectly set a Cup Head Weld Pin. This feature is set and quality checked during its manufacturing and cannot be altered.

The weld tip uses a strong magnet to secure the Cup Head Weld Pin during application.

Optional: A non-conductive shield is available for applications using foil faced insulation. This compresses the foil face around the weld tip and prevents arcing or burn marks on the face of the insulation.

Specifications

Input Voltage	120 VAC at 50/60 Hz 15 Amp Circuit or 230 VAC at 50/60 Hz 7.5 Amp Circuit	Weld Range	Weld Pins - 10 to 14 gauge
Size	12.5" X 10.1" X 6.0"	Duty Cycle	15 Pins/Min
Gun Cable Length	21 ft.	Charged Voltage	35-110 VDC
GND Cable Length	15 ft.	List Weight	19 lbs.
Gun Type	Pistol Grip	Shipping Weight	22 lbs.
Freight Class	Class 70		



A Cupped Head Weld pin by GRIPNAIL is available with dielectric coating on the underside of the cap to prevent electrical contact with foil faced insulation.



The pistol grip trigger on the weld gun allows for quick controlled welding.



ISO 9001 Certified
Made in the U.S.A.
An Employee Owned Company

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