



Providing Solutions.

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[www.scottmachinery.com](http://www.scottmachinery.com)

4700 Lang Ave, Suite D, Mclellan, CA 95652



# LIGHT DUTY | PORTABLE HAND WELDER

## Strong Welds, Lightweight Machine

The PowerPinner 7100 Welder is a solid state resistance welder designed specifically for welding a PowerPoint resistance weld pin to galvanized sheet metal duct work. It is lightweight and has extended gun leads which makes it perfect for fastening duct liner to all sizes of duct. The complete system includes the power pack with adjustable timer, lightweight gun with heavy duty weld cables, and a spring loaded copper alloy ground clamp.

### Features include:

#### Solid State Time and Weld Relay

Assures high quality welds each and every time.

#### Weld Rate

8 - 12 pins per minute continuously (based on pin diameter). Faster rates are possible for short durations.

#### Cables

Gun, 10.5 feet, #3/0 weld cable and #18/3 control cable. Ground, 2.5 feet, #4/0 weld cable, with a spring loaded, copper alloy clamp

#### Capability

Welding 1/2" - 1" weld pins to 24 gauge sheet metal.



The PowerPinner 7100 is a lightweight welder with a powerful transformer for strong reliable welds.

**GRIPNAIL**  
Industrial Metal Fasteners

### PowerPoint Weld Pins

Gripnail PowerPinner's work with any standard weld pin, however; we recommend using our range of PowerPoint Weld pins. Each point is precisely formed to provide optimum electrical resistance.

A PowerPoint Weld pin permanently attaches insulation to galvanized steel in the fabrication of HVAC duct work and withstands a tensile pull of at least 120 pounds in sheet metal.

### Additional Features

#### Pistol Grip Weld Gun

The weld gun has a pistol grip style handle with a trigger guard and switch for a more ergonomic working environment. Welding current is not available at the gun until the weld pin contacts the sheet metal.

#### Weld Gun Cables

The weld gun cables are 10.5 feet, #3 / 0 weld cable and #18 / 3 control cable.

The ground cable is a 2.5 feet, #4 / 0 weld cable with a spring loaded copper alloy clamp attached to the end.

#### Weld Rate

The normal, continuous weld rate is 8 - 12 welds per minute. It is capable of welding at faster rates, but for short durations only. Care should be exercised not to exceed the continuous rate for long periods.

#### Maintenance

Requires very little maintenance as a result of its solid state circuitry and design.

### Specifications

Input Voltage	190-240 VAC 60Hz, 1 Phase, 30 Amp
Electrical connection	10 ft, 8/3 power cord
Length	16"
Width	9 5/8"
Height (including handle)	7 1/4"
Gun type	Pistol Grip
List Weight	65 lbs.
Shipping weight	74 lbs., corrugated crate
Freight	UPS/70



**A PowerPoint Weld pin** saves time and money because it performs consistently.



**Magnetic tip** holds weld pin in place for precision application.



**The pistol grip trigger** on the weld gun allows for quicker and more controlled ergonomic welding.



ISO 9001:2008 Registered  
Made in the U.S.A.  
An employee owned company



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