



HIGH SPEED | FIXED HEAD WELDER

Increased Production Insulating Ductwork With Industry Leading Speed

The new PowerPinner 7005HS boasts the quickest cycle time and most reliable welds available. Thanks to a technological breakthrough, the 7005HS high speed welder is built with the same high quality material as before. Functioning without any mechanical reed switches, the 7005HS on-board computer has been turbo-charged for peak performance. The new Programmable Logic Controller produces welding speeds never before seen without sacrificing welding quality. The PowerPinner 7005HS is the legendary reliability you expect from Gripnail, now equipped with all the speed you need!



PowerPinner's have proven their reliability in the most rugged duct manufacturing environments. See how at: www.gripnail.com/videos

Features Include:

Cycle Time - At 83 cycles per minute, the new PLC reaches coil line speeds.*

Continuous Fire - Depressing the ergonomic foot pedal while the Continuous Fire switch is on allows the operator to continuously weld pins without having to lift their foot off the pedal.

Single Weld Control - Simply set the machine for the gauge you want based on pin size and thickness of sheet metal. Weld and dwell time are calculated by the PLC.

High Output Transformer - Produces the strongest possible welds for 1/2" all the way to full 2" pins, fastened to 16 - 26 gauge sheet metal.

GRIPNAIL
FASTENING SYSTEMS

(401) 216-7900
www.gripnail.com

PowerPoint® Weld Pins

For peak performance, it is highly recommended using Gripnail's wide 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

Programmable Logic Controller - Inside the control box is a PLC, which has been programmed here in the USA, to coordinate welding and machine functions resulting in the fastest and most perfected weld every time. Machine operators only need to increase the weld setting for longer pins or thicker sheet metal, and the PLC will set the dwell time and coordinate the feed cycle. Minimal operator training is needed for this machine which means maximum flexibility. The PLC even has a diagnostic screen should a machine element require attention.

The PLC allows for minimum operator intervention during setup or job changes, all while producing maximum performance at industry leading speeds.

Chamfered & Recessed Weld Tip - The magnetic upper weld tip is specially designed with a chamfered edge and recessed center to optimize the weld quality of PowerPoint weld pins. The unique characteristics of the PowerPoint weld pin's noninvasive protruding shank captures and centers the weld pin to ensure consistent loading while the beveled retaining cap prevents it from shifting off the weld tip when the pin is being set through the insulation. Although the PowerPinner 7005HS works with a variety of weld pins, using our PowerPoint's precision manufacturing process assures a trouble free operation with the best quality weld possible.

Quick Change Weld Tips - Upper and lower weld tips can be replaced in seconds. The lower weld tip purposefully off centered so that once an area is worn down, the operator can make a small rotational adjustments and use a new part of the weld tip for extended product life.

Double-Acting Load Cylinder - To keep up with the intense speeds of the PLC, double-acting load cylinders are standard on every machine. This ensures that each Weld Pin is loaded at maximum speeds without the danger of a component collision potentially possible with single-acting cylinders, which may lag due to its dependence on spring tension.

Simplified Controls - A single weld-setting switch controls the weld time while the PLC optimizes the dwell time. The other controls are a "continuous fire" on/off switch and a feeder bowl speed control. The PowerPinner 7005HS also comes with a LED voltage readout which informs the operator of a low voltage situation which can affect the integrity of the weld.

Safety

A high visibility power switch comes standard with a simple to use Lockout/Tagout feature.

NEMA® Type 12 Electrical Enclosures - To protect vital components from the rigor of most manufacturing environments, every electrical enclosure is rated to the National Electrical Manufacturers Association's Type 12 standards. This protects your investment from dust, debris, adhesive remnants and oil vapor from reaching operation critical components.

Large Capacity Feeder Bowl - The large capacity feeder bowl can accommodate a full range of pins from half inch to 2 inch and operators can control the pin feed speed on the control box.

Specifications

Input Voltage	190-240 VAC 60Hz, 1 Phase, 35 Amp	Total Depth	68"
Air Requirements	2-3 CFM, 80 PSI	Width	32"
Working Depth	63"	List Weight	523 lbs.
Anvil Height	36"	Shipping Weight	609 lbs.
		Freight Class	70

* Numbers based on Weld Setting 1



Chamfered & Recessed Weld Tip matches PowerPoint Weld Pins with precision for increased reliability.



Simplified Controls eliminate operator guesswork when selecting the appropriate weld and dwelled timing.



Continuous Fire allows the operator to continuously fire weld pins due to the perfect timing program written into the Programmable Logic Controller.



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

97 Dexter Rd, E. Providence, RI 02914
Email: gripnail@gripnail.com
Tel:(401) 216-7900 Fax:(401) 438-8520