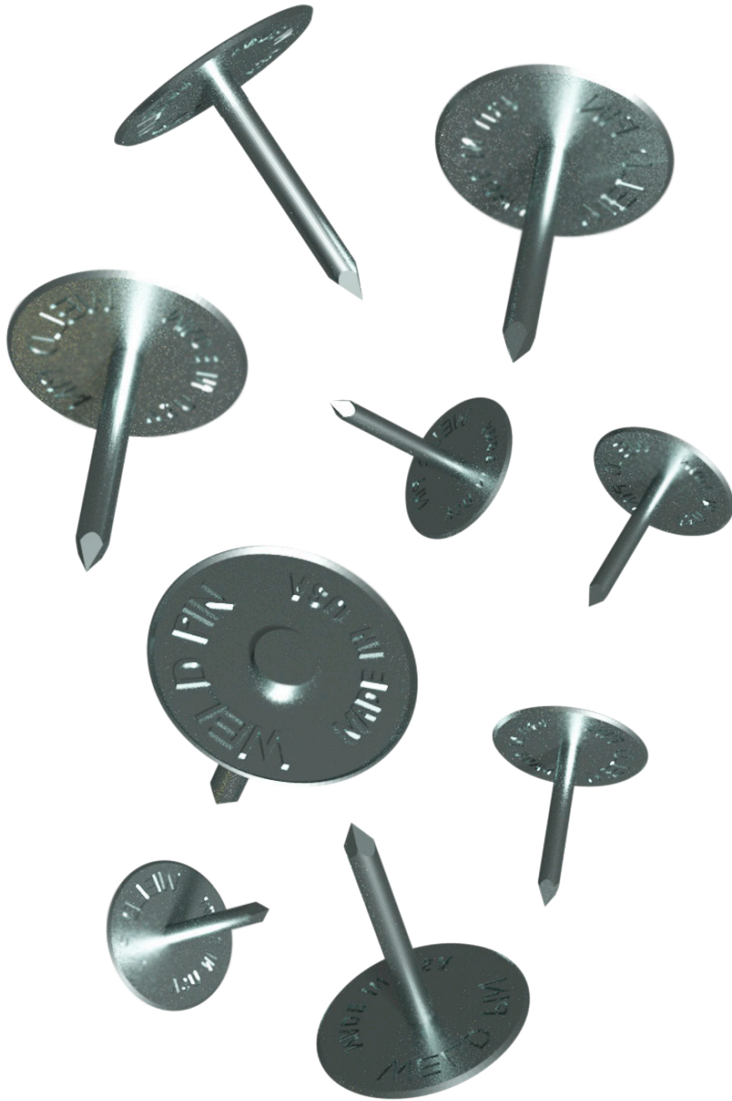


# GRIPNAIL

A **CARLISLE** BRAND

## PowerPinner



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# PowerPinner 7005HS

## High Speed Automated Fixed Head Welder

The PowerPinner 7005HS is one of our automated pin welding floor machines.

This machine is the industry's fastest machine at 83 cycles per minute allowing this machine to be as fast as a coil line.

The double acting load cylinder loads pins efficiently with less wear and tear.

## Specifications

<b>Input Voltage</b>	190-240 VAC 60Hz, 1 Phase, 30 Amp
<b>Air Requirements</b>	2-3 CFM, 80 PSI
<b>Dimension</b>	Depth: 68" / Anvil Height 36"
<b>Weight</b>	523 lbs



**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. This PLC replaces all timers, relays, and reed switches and circuitboards for the machine and is standard on all of our PowerPinner models.

**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 comes with a LED voltage readout which informs the operator of a low voltage situations.

**Quick Change Weld Tips** - Upper and lower weld tips can be changed in seconds, and the lower weld tip is rotatable and reversible for greater length of use.



# PowerPinner 7105HS

## High Speed Automated Moving Head Welder

The PowerPinner 7105HS is our moving head pin welding floor machine!

This Machine is the industry's fastest machine at 83 cycles per minute allowing this machine to be as fast as a coil line.

A moving head allows for longer duct to be handled as the welder head rolls along a fixed track.



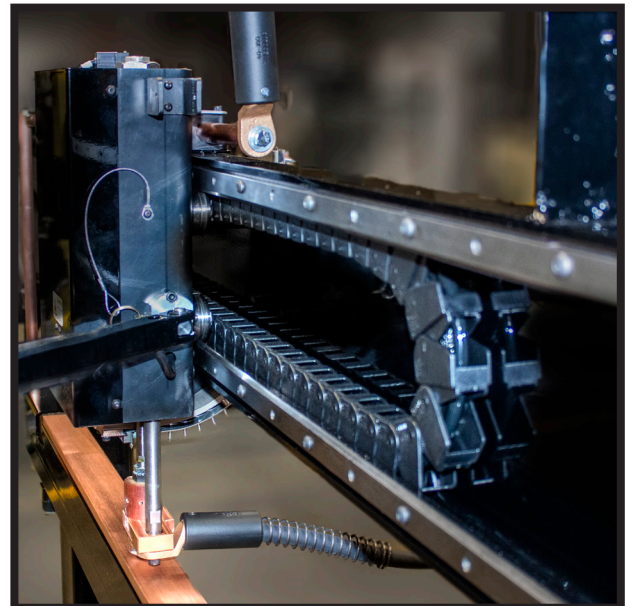
## Specifications

<b>Input Voltage</b>	190-240 VAC 60Hz, 1 Phase, 30 Amp
<b>Air Requirements</b>	2-3 CFM, 80 PSI
<b>Dimension</b>	Depth: 68" / Anvil Height 36"
<b>Weight</b>	681 lbs

**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 7105HS, just like the 7005HS, comes with a LED voltage readout which informs the operator of a low voltage situation.

**Energy Chain Protected Moving Head** - The welder head travels a full 60 inches for lining 5-foot wide duct. The head moves with a multi-position extension arm and glides on specially designed bearings, while all wires are reinforced in a wire sleeve and securely housed in an energy chain.

**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.





# PowerPinner 50

## Multi-Head Coil Line Welder

The PowerPinner 50 is Gripnail's coil line welding array.

Available with 5-6 heads, and can turn out 50ft of duct per minute.

Our split track system allows for easy clear out and easily switching pin sizes.

This system links up with a variety of industry leading manufacturers such as Mestek, Vicon, and Iowa Precision.



## Specifications

<b>Input Voltage</b>	190-240 VAC 60Hz, 3 Phase, 100 Amp
<b>Air Requirements</b>	5 CFM, 80 PSI
<b>Dimension</b>	Total Depth: 48"
<b>Weight</b>	2000 lbs

**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.

**NEMA® Type 12 Electrical Enclosures** - To prevent vital components from the rigor of most manufacturing environments, every electrical enclosure is rated to the National Electrical Manufacturers Association's Type 12 standards.

**Magnetic Drive Belts** - The magnetic drive belts hold the sheet metal in place and keep insulation ductwork from shifting. This allows for precise and uniform welds in large ductwork. Two electronic clutches at the end of the drive belts push the carriage to match coil line speed.

**Double Acting Load Cylinder** - To keep up with the intense speeds of the PLC, double acting load cylinders are standard on every machine.

# PowerPinner 7250

## Heavy Duty BenchTop Welder

The PowerPinner 7250 Welder is the heavy duty benchtop welder option among the PowerPinner.

Same transformer output as the automated floor machines.

Welds pins from 1/2 inch to 4 inches and from 16-26 guage sheetmetal.

### Specifications

<b>Input Voltage</b>	190-240 VAC 60Hz, 1 Phase, 30 Amp
<b>Electrical Connection</b>	10 ft, 8/3 Power Cord
<b>Dimension</b>	14"L x 18"W x 13"H
<b>Weight</b>	120 Lbs



# PowerPinner 7100

## Light Duty BenchTop Welder

The PowerPinner 7100 Welder is a light duty benchtop welder, and is used as a versatile and economic pin welder choice.

Light weight and mobile for versatile shop use.

Low Maintenance solid state circuitry and design.

### Specifications

<b>Input Voltage</b>	190-240 VAC 60Hz, 1 Phase, 30 Amp
<b>Electrical Connection</b>	10 ft, 8/3 Power Cord
<b>Dimension</b>	16"L x 9 5/8"W x 7 1/4"H
<b>Weight</b>	65lbs



# PowerPinner 7200

## Heavy Duty Portable Hand Welder

The PowerPinner 7200 Welder is a solid state resistance welder designed for mobility without sacrificing power.

Same transformer output as the automated floor machines.

The mobile cart rig allows for the machine to change location and workstation with ease.



### Specifications

<b>Input Voltage</b>	190-240 VAC 60Hz, 1 Phase, 30 Amp
<b>Electrical Connection</b>	10 ft, 8/3 Power Cord
<b>Dimension</b>	16 3/4" L x 18" W x 46 1/2" H
<b>Weight</b>	140 lbs

# PowerPinner 7300

## Capacitor Discharge Field Duty Welder

The PowerPinner 7300 is the light weight field duty capacitor discharge welder.

Welds to prepainted metal with no blemishes or burn marks.

Perfect light weight welder for welding in the field.

### Specifications

<b>Input Voltage</b>	120 VAC at 50/60 Hz 15 Amp Circuit 230 VAC at 50/60 Hz 7.5 Amp Circuit
<b>Charged Voltage</b>	35-110 VDC
<b>Dimension</b>	12.5" X 10.1" X 6.0"
<b>Weight</b>	19 lbs



# PowerPinner 7310

## Capacitor Discharge Heavy Duty BenchTop Welder

The Power Pinner 7310 is a benchtop CD welding unit.

Welds to pre-painted metal with no burn spots.

The heavy duty yet light weight and can be moved around the shop with ease.

### Specifications

<b>Input Voltage</b>	110 VAC at 50/60 Hz 10 Amp Circuit 220 VAC at 50/60 Hz 5 Amp Circuit
<b>Charged Voltage</b>	35-200 VDC
<b>Dimension</b>	14"L x 10.5"W x 11.5"H
<b>Weight</b>	30 lbs



# PowerPinner 7305

## Capacitor Discharge Automated Fixed Head Welder

The PowerPinner 7305 Welder is the automated capacitor discharge welder.

Weld to pre-painted metal with no burn spots and a clean cosmetic finish.

Automated 2 stage weld process allows for consistent high quality welds.

### Specifications

<b>Input Voltage</b>	120 VAC/60 HZ 10 AMPS
<b>Air Requirements</b>	90 PSI @ 1 CFM Clean, dry air
<b>Dimension</b>	Depth: 68" / Anvil Height 36"
<b>Weight</b>	TBA





# PowerPoint Resistance Weld Pins



**Better Welds** - Special carbon alloy steel, a zinc and chromate plating and the sharpest points in the industry lead to the best weld available. Each underside of the cap is designed with an extrusion to provide superior stability during installation and keeps the point of the nail perpendicular to the cap with the tightest of margins.

The reduction of misfires lowers the unit cost of your production

**Retaining Cap** - The beveled edge retaining cap is sufficient in size and design to depress the surface of the insulation without tearing or cutting. The cap does not protrude into the air stream preventing noise or interference with air movement in the duct. The unique characteristic of the PowerPoint weld pin's noninvasive protruding shank captures and centers the weld pin during automated feeding to ensure consistent loading while the beveled retaining caps also prevent it from shifting off the weld tip when the pin is being set through the insulation.

**Diamond Points** - Forged diamond point design creates an extremely sharp point that cleanly pierces the toughest duct liner for the best contact and weld current.

**Better Plating** - Zinc and chromate dipped, PowerPoint Weld Pins exceed SMACNA corrosion resistance standards and give a more professional appearance.

Part #	Recommended For	Pin Length Before Welding	Packaging
57B	1/2" Insulation (All Densities)	0.499" (12.67mm)	5,000 pcs./Bucket
107B	1" Insulation (1 1/2" lb. Density)	0.694" (17.63mm)	5,000 pcs./Bucket
117B	1" Foam	1.006" (25.55mm)	5,000 pcs./Bucket
127B	1" Insulation (3 lb. Density)	0.934" (23.72mm)	5,000 pcs./Bucket
137B	1 1/2" Insulation (All Densities)	1.119" (28.42mm)	3,000 pcs./Bucket
157B	2" Insulation (1 1/2 lb. - 2 lb. Density)	1.494" (37.95mm)	3,000 pcs./Bucket
207B*	2" Insulation (3 lb. Density)	1.920" (48.77mm)	3,000 pcs./Bucket
307B*	3" Insulation (All Densities)	2.750" (69.85mm)	2,000 pcs./Bucket
407B*	4" Insulation (All Densities)	3.740" (95.00mm)	1,500 pcs./Bucket

\* Fully plated nail and galvanized cap.

*If the exact fastener sizing or machine for your application does not appear on the listing, call us to see if we might be able to make them for you. Many custom sized fasteners and customized application equipment can be produced with a variety of specifications.*