

PBF520
PINSPOTTER
ITEM # 27377

PBF520



GENERAL DESCRIPTION

The PBF520 Portable Pinspotter features a multi-tap transformer allowing it to deliver precise, timed, low voltage to the welding tip for precision welds. This machine will weld pins from ½ inch to 4 inches long on steel from 26 to 16 gauge. A new, innovative, ergonomic, high impact gun allows more flexibility during operation. Proven solid-state weld control circuitry guarantees years of reliable, trouble-free service in your shop.

FEATURES

- Heavy-duty caster wheels allow easy movement in the shop
- Hi/Lo power selection via two weld cable power ports provides adjustment for different welding conditions
- Standard 16 foot gun cable and 11 foot ground cable. Gun Cable is extendable to 24 feet with optional extension set (Item # 27054)
- Ergonomic, high impact weld gun allows more flexibility
- "Easy Read" weld timer adjustment for precise control
- Panel mounted test switch and indicator lights for easy troubleshooting
- Proven Solid State Control Circuitry

TECHNICAL SPECIFICATIONS

ELECTRICAL:

Input voltage: 208-230 V 60 HZ single phase. 100 amp service

DIMENSIONS:

Height: 37 inches
Width: 17 inches
Depth: 26 inches

MACHINERY DIVISION
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SPECIFICATIONS ***MODEL PBF520 PINSPOTTER***

Physical Dimensions: (See Photo at right)

A. 37" B. 26" C. 17"

Electrical Information:

Input voltage: 208-230 V 60 HZ single phase. 100 amp service



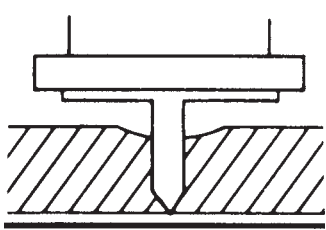
PUT THE PBF520 TO USE IN YOUR SHOP AS A BENCH TOOL

To use your work bench as a welding table, cover the bench top with a copper (.025) inch thick sheet. Set the PBF520 alongside the bench top. Attach the PBF520 ground clamp to the copper sheet and it will act as a ground when the duct rests on the bench top. Activate the trigger switch and pins quickly weld every time. No burn marks or wasted pins due to misfires.

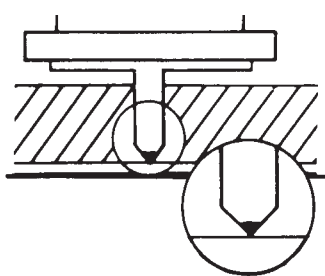
WHEEL PBF520 TO THE WORK

- Where duct is too large to put on a bench, snap the ground clamp onto the duct and secure the insulation quickly by welding fasteners inside or outside of the ducts as required.

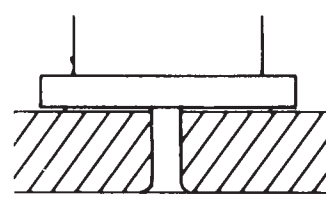
HOW FASTENERS ARE INSTALLED



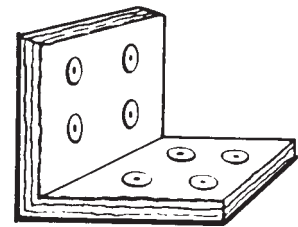
The needle sharp point enables the operator to easily push the fastener through the insulation into firm electrical contact with the metal duct.



The welding cycle is activated by pressing the trigger switch on the gun. Current flowing through the fastener's high resistance point of contact creates instantaneous welds of extremely high strength.



The flow of metal during the weld, firmly attaches and supports the fastener. It prevents breakaway while handling ducts during transport and installation.



No burn marks or discolorations of duct occur when using the recommended method of insulation fastener attachment. Fasteners are permanently welded in position flush with insulation.

Note: For best performance, use genuine Duro Dyne insulation fasteners



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