

MF-12 PINSPOTTER ITEM # 27115



GENERAL DESCRIPTION

Duro Dyne's MF has been the standard for entry level "through insulation" welders for over 30 years. Proven performance and high reliability have made the MF a "Must Have" for any sheet metal shop which does occasional insulating. Duro Dyne now introduces the MF12, building on that history, and creating a new pinspotter with greater power and versatility. Special design welding transformers allow the MF12 to deliver more power, precisely timed to the welding tip. The new MF12 will weld pins from 1/2 inch to 2 inches long on steel from 26 to 20 gauge. Proven solid-state weld control circuitry guarantees years of reliable, trouble-free service in your shop.

FEATURES

- Compact design for easy handling
- Standard 8 foot gun cable and 6 foot ground cable
- "Easy read" weld timer for precise control
- Panel mounted test switch and indicator lights for easy troubleshooting.
- Proven Solid State controls

TECHNICAL SPECIFICATIONS

ELECTRICAL:

Input voltage: 208-230 V 60 HZ
single phase. 30 amp service

DIMENSIONS:

Height: 11 inches
Width: 11 inches
Depth: 17 inches



MACHINERY DIVISION
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DURO
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SPECIFICATIONS- MODEL MF-12 PINSPOTTER

Physical Dimensions: (See Photo at right)

A. 11" B. 17" C. 11"

Electrical Information:

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



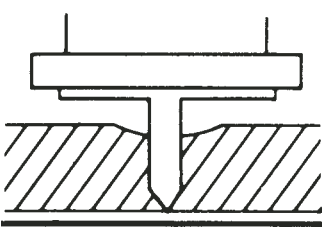
PUT THE MF-12 TO USE IN YOUR SHOP AS A BENCH TOOL

To use your work bench as a welding table, cover the bench top with a copper sheet (.025). Set the MF-12 on the bench top. Attach the MF-12 ground clamp to the copper sheet and it will act as a permanent ground when the duct rests on the bench top. Pins quickly weld every time. No burn marks or wasted pins due to misfires.

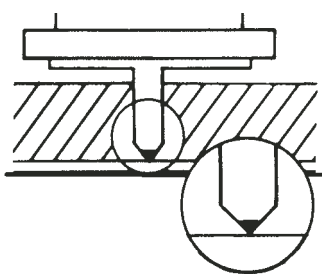
BRING THE MF-12 TO THE WORK

- When duct is too large to put on a bench, snap the ground clamp onto the duct and secure the insulation quickly by welding pins inside or outside of the duct as required.
- Eliminate the heat mark on the duct by using the simple "heat sink" on the opposite side of weld.

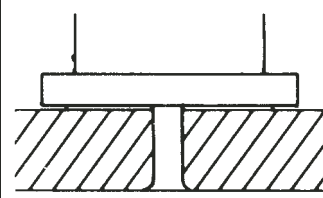
HOW FASTENERS ARE INSTALLED



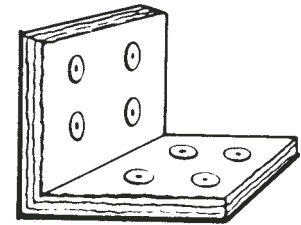
The needle sharp point enables the operator to easily push the fastener through the insulation into firm electrical contact with the metal duct.



Welding current is supplied 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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