MF-12A PINSPOTTER ITEM # 27110

GENERAL DESCRIPTION

The MF-12A has been developed from over 30 years of portable pinspotter history at Duro Dyne. The specially designed welding transformers allow it to deliver precisely timed welding to the gun tip, with more power than previous models. The MF-12A has a compact design for easy handling, fitting anywhere in a shop.

The MF-12A will weld pins from ½ inch to 4 inches long on steel from 26 to 16 gauge. Proven solid-state weld control circuitry guarantees years of reliable, trouble-free service in your shop.

FEATURES

- Compact design for easy handling
- Standard 10 foot gun cable and 10 foot ground cable
- "Easy read" weld timer for precise control
- Panel mounted test switch and indicator lights for easy troubleshooting.
- Proven Solid State controls
- For use with FTC, CP, SSP, BDEP, CTC weld pins

TECHNICAL SPECIFICATIONS

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

DIMENSIONS:
Height: 11 inches
Width: 11 inches
Depth: 17 inches
Weight: 120 lbs.

For best performance,
use genuine Duro Dyne insulation fasteners

RIB PINS

SLOPE PINS

TARGET PINS

ECONO-POINT PINS

GOLD SEAL PINS

MACHINERY DIVISION
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SPECIFICATIONS-
MODEL MF-12A PINSPOTTER

Physical Dimensions: (See Photo at right)

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

Electrical Information:

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

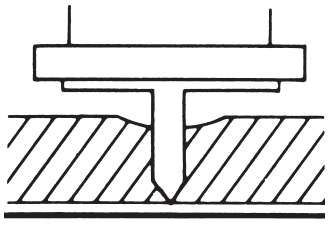
PUT THE MF-12A TO USE IN YOUR SHOP AS A BENCH TOOL

To use your work bench as a welding table, cover the bench top with a copper (.025) inch thick sheet. Set the MF-12A on the bench top. Attach the MF-12A 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.

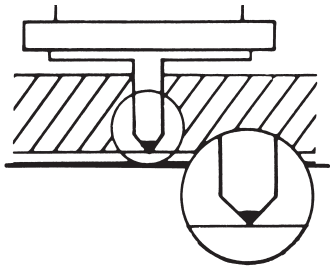
BRING THE MF-12A TO THE WORK

- 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.

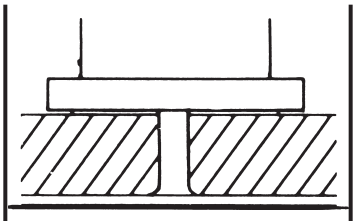
HOW FASTENERS ARE INSTALLED



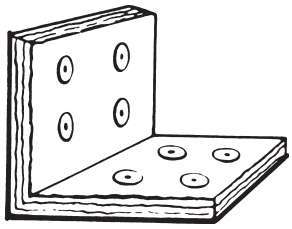
The needle sharp point enables the operator to easily push the fastener through the insulation into firm electrical contact with the metal duct.



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

Duro Dyne East Division, Bay Shore, NY 631-249-9000 Fax: 631-249-8346
Duro Dyne Midwest Division, Hamilton, OH 513-870-6000 Fax: 513-870-6005
Duro Dyne West Division, Longmont, CO 562-926-1774 Fax: 562-926-5778
Duro Dyne Canada, Lachine, Quebec, Canada 514-422-9760 Fax: 514-636-0328
www.durodyne.com **E-mail: durodyne@durodyne.com**