

MODEL FG PINSPOTTER ITEM # 18004

MACH III

The FG Mach III Pinspotter was designed utilizing the best of current technologies to provide greater power and reliability for insulation fastening. The inherent minimal material handling and the use of welded pins will insure your shop a cost efficient, quality product. Our upgraded FG Mach III machine is capable of welding pins up to 4" to address the higher R-value insulation now being specified throughout the industry. Will weld the full range of Duro Dyne pins on galvanized metal up to 18 gauge.



LED indicators for ease of function & serviceability



4" PINS
ON 4"
INSULATION



Wider mouth design for welding up to 4" duct liner with 4" weld pins

Easy manual loading/unloading feature for 3" & 4" weld pins (track holds up to 40 weld pins)

New heavy duty vibrator base & bowl for welds pins up to 2"

Redesigned more efficient single transformer for a wider range of welding capabilities

Floating upper weld tip assembly for weld cable and weld tip longevity

An optional machinery lift kit is also available for a custom ergonomic work space.

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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**DURO
DYNE**®

FEATURES

MINIMIZED FASTENING TIME

With a simple press of the footswitch, a weld pin is pressed through the liner and welded to the sheet metal in a fraction of a second. The welding tip then retracts and another pin is automatically fed into position.

SUPERIOR HOLDING POWER

Only through welding can the fastener become united with the sheet metal. Fastener failure during fabrication, transport and installation is eliminated.

CONTROL REDUNDANCY

Features two electronic weld relays. Should one fail during a job a simple flip of a switch puts the backup online so you can continue working while waiting for a replacement part.

MEETS SMACNA SPECS

The welded fastener fully meets specifications as outlined in the SMACNA manual.

EASY CONTROLS

One adjustment sets the weld and dwell times for perfect welds every time. A digital display provides easy reference to settings for repeatability. A central located weld cycle indicator confirms power to the transformers on each cycle.

PIN AND TIP

Pins are magnetically held by the upper electrode ready to be pressed through the insulation and welded to the duct in a fraction of a second.

FOOTSWITCH

The footswitch frees the operator for handling of small fittings and odd shapes. It features a protective covering to minimize the accidental actuation of the machine. 16 foot cable length.



HOPPERS

A specially designed heavy duty vibrator parts feeder for weld pins up to 2". Pins are automatically supplied to the track.

FEEDING TRACK

A tested gate design feeding track insures jamless feeding of pins. Costly double feeding is eliminated.

FEED TRACK SENSOR

An electronic sensor controls the vibrator to assure a full track of pins.

COMPONENT TRAY

The solid state pneumatic head design provides extremely reliable operation with a minimum of components. Repairs, should they be required, are performed by modular component replacement. 24 volt circuitry provides for safe maintenance and ease of operation.

OPERATIONS DISPLAY

This helps identify the source of a problem should the pinspotter fail to properly perform. Lights give you a clear indication of electrical flow of the various circuits and components during use. Simply press the footswitch and note which lights fail to illuminate.



SPECIFICATIONS

ELECTRICAL

Input voltage: 230V, 60 Hz single phase, 60 amp service.

AIR REQUIREMENTS:

Input pressure of 80 psi.

THROAT SIZE:

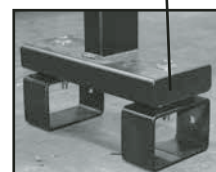
A 69" throat allows fasteners to be placed up to 1.5" from edge of work without repositioning.

PIN CAPACITY:

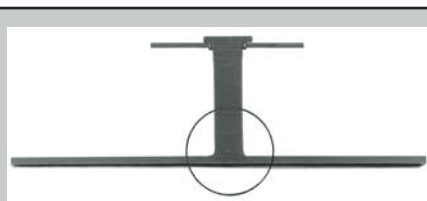
The vibrator bowl holds approximately 1,000, 1 inch fasteners. Fasteners of .5" to 2" in length may be fed automatically. Manual feed available for up to 4" pins.



An optional machinery lift kit is also available for a custom ergonomic work space.



Item # 17135
Code: FG/RH Lift Kit
Multi-Height Pinspotter Lift Kit.
Will allow for height increase of 2", 4", 6" or 8".



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

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