

MODEL RH PINSPOTTER

ROLLING HEAD ITEM #18010

RH MACH II

Duro Dyne, the leader in Insulation Fastening for over half a century offers the very latest in pinspotting technology with the Model RH Mach II Rolling Head. Our engineers utilized the best of current technology to provide greater power and reliability for insulation fastening. Trouble-free service and proven solid-state components located for easy access assure high levels of efficiency.

The ability to move the trolley instead of the ductwork minimizes material handling. This feature coupled with utilization of welded pins will insure your shop of a cost efficient, quality product.

FEATURES:

TROUBLE-FREE MOVEMENT

Precision polished and hardened tracks combined with ground bearings, assure trouble-free movement of the trolley assembly.

SOLID-STATE COMPONENTS

Components proven under rigorous shop usage, control the pneumatic and weld circuitry. Few adjustments are required.

CONVENIENTLY LOCATED CONTROLS

One knob adjustment sets the weld and dwell times for perfect welds every time. A digital display provides easy reference to the settings for repeatability.

WELD CYCLE INDICATOR

A centrally located weld cycle indicator confirms power to the transformers on every cycle.

OPERATIONS DISPLAY

Your RH Mach II Pinspotter is provided with an Operations Display to help identify the source of the problem should your pinspotter fail to perform properly. Watching these lights will give you a clear indication of the electrical flow of the various circuits and components during use. Should a problem arise, you simply press the footswitch and watch to see which light fails to illuminate.

CONTROL REDUNDANCY

The RH Mach II 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.

ELECTRONIC FEED TRACK SENSOR

A proximity sensor controls the vibrator to assure a full feed track of pins at the ready for welding. Reloading is as easy as positioning the trolley assembly at the front of the machine.



MACHINERY DIVISION
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FEATURES

18 GAUGE CAPACITY

With a custom designed high powered transformer, the RH will weld 2 inch pins to 18 gauge effortlessly.

FIVE FOOT THROAT

The 60" throat allows the placement of pins 1.5" from each end of a 5' sheet without moving the metal. To convert the RH for fittings, draw the welding tip to open end of frame and slide the quick release pin into position locking the weld tip over the fittings mandrill.

PNEUMATIC BRAKE

A pneumatic brake cylinder locks the rolling assembly in position during weld cycle to ensure a quality weld.

PROTECTIVE HARNESS

A specially designed flexible harness protects the air line and weld cable from incidental damage and assures fatigue-free movement.

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.



OPTIONS

Roller feed tables adjoining the RH enable work to be easily positioned by the operator; in many cases with just one hand. Productivity is increased and worker fatigue minimized.



SPECIFICATIONS

ELECTRICAL:

Input voltage: 220V, single phase, 100 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.

RIB PIN CAPACITY:

The vibrator bowl holds approximately 1,000, 1 inch fasteners. Fasteners of .5" to 1.5" in length may be fed automatically.



The RH MACH II utilizes Rib Pin™ fasteners which are resistance welded to ductwork securely attaching the fiberglass insulation. Rib Pins are unsurpassed in holding power. In tests conducted by an independent laboratory, samples exhibited holding strength averaging three times that of nail type fasteners.

| Item# | Rib Pin | Approx Clip Size | For Liner Size | Pkg. |
|-------|---------|------------------|------------------|------|
| 26023 | CP-12 | 1/2" | 1/2" | 1M |
| 26028 | CPB-12 | 1/2" | 1/2" | 5M |
| 26024 | CP-34 | 3/4" | 1" | 1M |
| 26029 | CPB-34 | 3/4" | 1" | 5M |
| 26025 | CP-100 | 1" | 1" Heavy Density | 1M |
| 26030 | CPB-100 | 1" | 1" Heavy Density | 5M |
| 26026 | CP-150 | 1 1/2" | 1 1/2" | 1M |
| 26031 | CPB-150 | 1 1/2" | 1 1/2" | 3M |
| 26027 | CP-200 | 2" | 2" | 1M |
| 26038 | CPB-200 | 2" | 2" | 3M |

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

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