

MF-12A
PINSPOTTER
ITEM # 27110



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 MF12A, building on that history, and creating a new pinspotter with greater power and versatility. Special design welding transformers allow the MF12A to deliver more power, precisely timed to the welding tip. The new MF12A will weld pins from 1/2 inch to 2 inches long on steel up to 18 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, PN* & LN* weld pins
 (*Change tip from TP8 to TP2 for PN, and to TPL2 for LN)

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



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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 BC039406



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



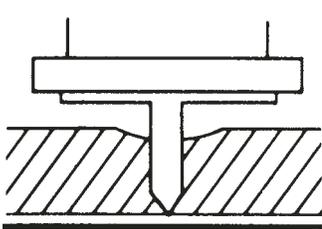
PUT THE MF-12A TO USE IN YOUR SHOP AS A BENCH TOOL

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.

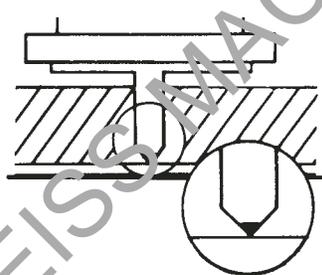
BRING THE MF-12A TO THE WORK

- 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.

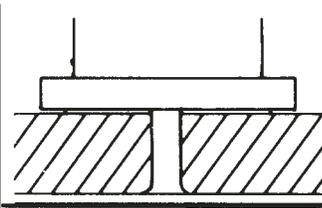
HOW FASTENERS ARE INSTALLED



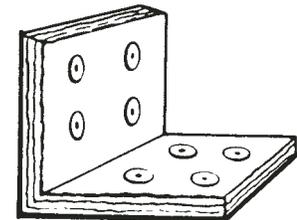
The needle sharp point enables the operator to easily push the fastener through the insulation into firm electrical contact with the metal duct.



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



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PBF-510 PINSPOTTER ITEM # 27372

PBF-510

GENERAL DESCRIPTION

The next generation of portable insulation fastening equipment is here. Built upon the highly successful PBF pinspotter concept, the PBF-510 delivers more power, further away and with more control than ever before. A new Multi-tap transformer allows the PBF-510 to deliver precise, timed low voltage to the welding tip. This voltage will weld pins from 1/2 inch to 2 inches long on steel from 26 to 18 gauge. Proven solid-state weld control circuitry guarantees years of reliable, troublefree service in your shop.

FEATURES

- 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)
- Convenient storage bin for weld pins or weld cables
- "Easy Read" weld timer adjustment for precise control
- Panel mounted test switch and indicator lights for easy troubleshooting
- Proven Solid State Control Circuitry

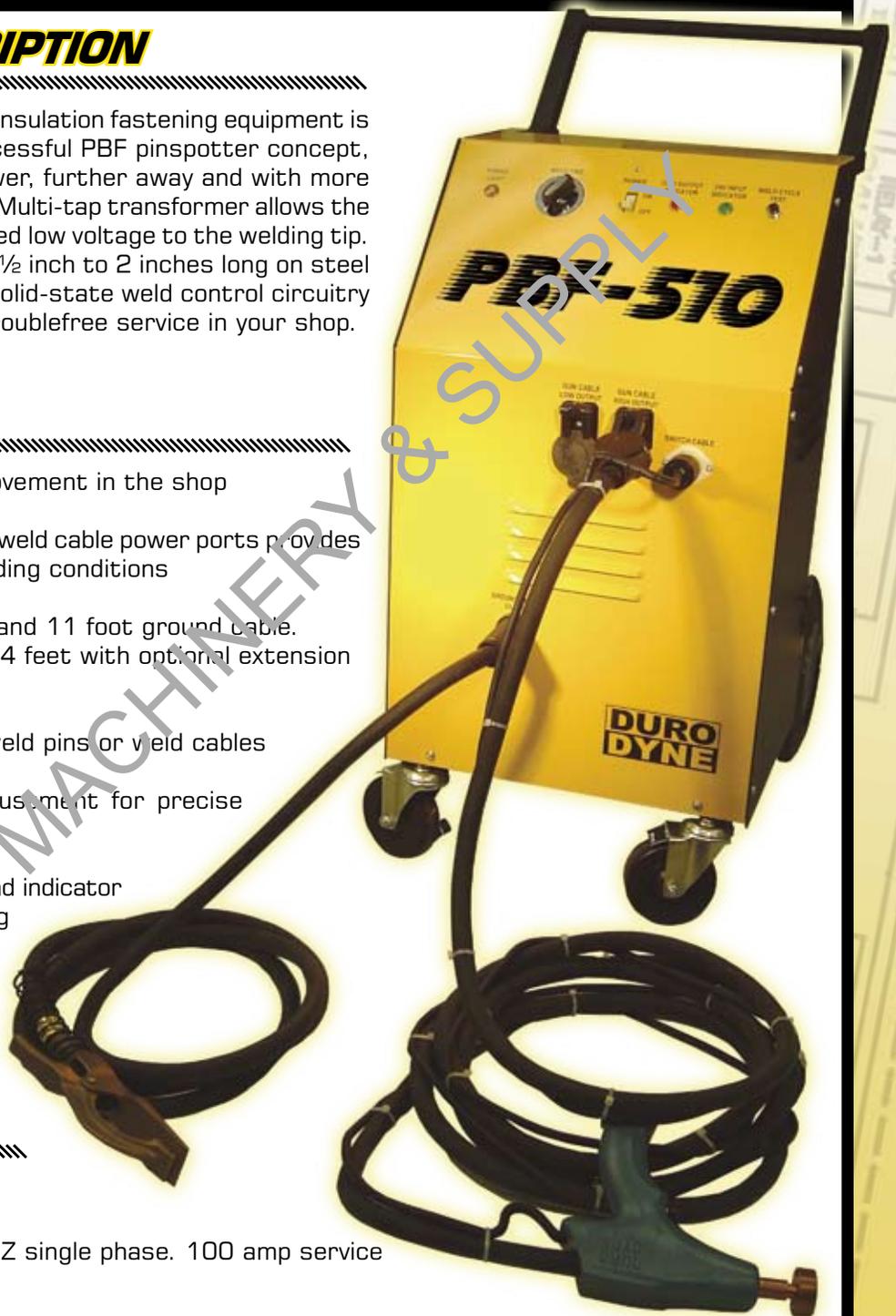
TECHNICAL SPECIFICATIONS

ELECTRICAL:

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

DIMENSIONS:

Height: 32 inches (handle height 37 inches)
Width: 17 inches
Depth: 26 inches



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DYNE

SPECIFICATIONS- MODEL PBF-510 PINSPOTTER

Physical Dimensions: (See Photo at right)

A. 32" **B.** 26" **C.** 17"

Electrical Information:

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

PUT THE PBF-510 TO USE IN YOUR SHOP AS A BENCH TOOL

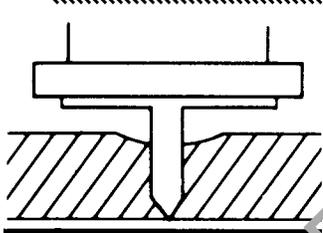
To use your work bench as a welding table, cover the bench top with a copper (.025) inch thick sheet. Set the PBF-510 alongside the bench top. Attach the PBF-510 ground clamp to the copper sheet and it will act as a ground when the duct rests on the bench top. Activate the trigger switch and pins quickly weld every time. No burn marks or wasted pins due to misfires.



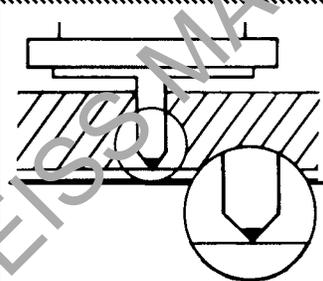
WHEEL PBF-510 TO THE WORK

- 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.
- Minimize the heat mark on the duct using the simple "heat sink," supplied with every unit.

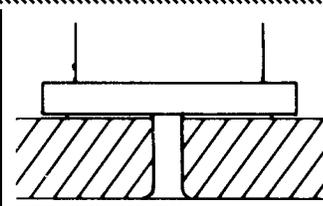
HOW FASTENERS ARE INSTALLED



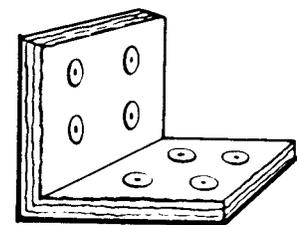
The needle sharp point enables the operator to easily push the fastener through the insulation into firm electrical contact with the metal duct.



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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MODEL FG PINSPOTTER ITEM # 18004



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

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.

4" PINS ON 4" INSULATION



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

For best performance, use genuine Duro Dyne insulation fasteners



RIB PINS



SLOPE PINS



TARGET PINS



ECONO-POINT PINS



GOLD SEAL PINS

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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:

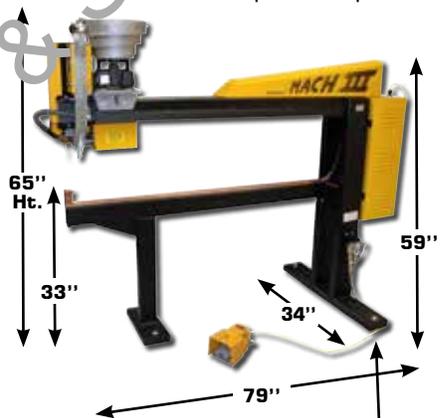
Input pressure of 80 psi.

THROAT SIZE:

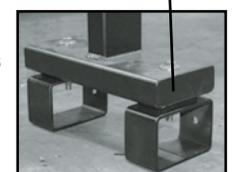
A 69" throat allows fasteners to be placed up to 1.5" from edge of work without repositioning.

PIN CAPACITY:

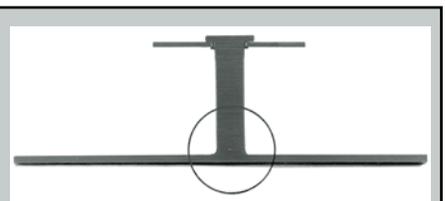
The vibrator bowl holds approximately 1,000, 1 inch fasteners. Fasteners of .5" to 2" in length may be fed automatically. Manual feed available for up to 4" pins.



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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MODEL RH PINSPOTTER ROLLING HEAD ITEM #18005



The RH Mach III Pinspotter features a more efficient transformer that provides a wider range of welding capabilities. The Heavy Duty Vibrator Bowl and base weld pins up to 2" and the optional manual feed accommodates pins up to 4" on 4" insulation. A floating upper weld tip and an optional lift kit are among some of the improvements to this Pinspotter. The RH Mach III also features a notch on the support bar to easily accommodate TDC/TDF duct. 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.



For best performance,
use genuine Duro Dyne insulation fasteners



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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 III 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. Simply press the footswitch/handgun and watch to see which light fails to illuminate.

DUAL SOLID STATE CONTROLS

The RH Mach III 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

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

MULTI-TAP TRANSFORMER

The new multi-tap transformer allows for 8 different power settings to accommodate a wider range of welding capabilities more efficiently.

18 GAUGE CAPACITY

With a custom designed high powered transformer, the RH will weld up to 4" pins to 18 gauge effortlessly.

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.

FIXED HEAD FOOT PETAL WELDING

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.

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.



BALL TRANSFER

Roller feed tables with ball transfers 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.

Ball Transfers
DD Item #27025
Code: BT100



SPECIFICATIONS

ELECTRICAL:

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

AIR REQUIREMENTS:

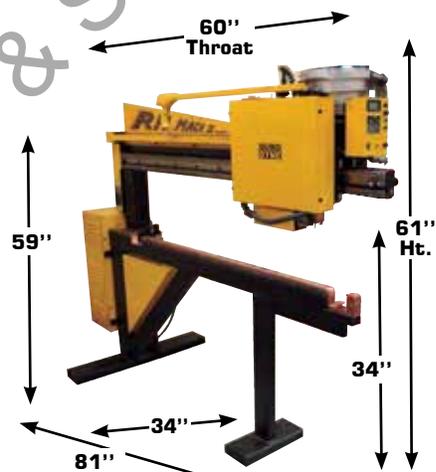
Input pressure of 80 psi.

THROAT SIZE:

A 60" throat allows fasteners to be placed up to 1.5" from each edge of a 5' sheet without repositioning.

RIB PIN CAPACITY:

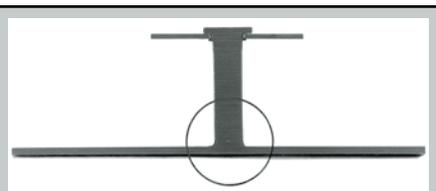
The vibrator bowl holds approximately 1,000, 1 inch fasteners. Fasteners of .5" to 2" in length may be fed automatically.



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 4" or 6".



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

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**LSU
LINER SIZER
ITEM#28076**



LSU ADVANCED LINER SIZER

The LSU Advanced Liner Sizer will help size and cut duct liner more efficiently than ever thought possible with a hand operated machine. It's enhanced features, make it possible to cut cotton fiber insulations, filter media, rubberized products and other unusual materials. The cross cut and slitter blades are mechanically gear driven to spin while cutting. This spinning action shears the material to create precise cuts in the most difficult of substances.



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ITEM # 28076

INCREASES PRODUCTIVITY

The LSU allows you to both slit and cut insulation efficiently and accurately. By rotating a crank handle, the liner is quickly fed through the machine. This handle has a direct chain drive for easy operation. Also, Duro Dyne has built into the LSU a quick release handle that allows the operator to remove or reposition the uncut material using one or both hands.

SELF ADJUSTING

Automatically, the LSU accommodates material that varies in thickness from 1/2" to 2". No time consuming manual adjustments are necessary. Just feed in the liner. You are ready for production.

EASILY ADAPTABLE TO SHOP LAYOUT

Cross cutting insulation can be done from either side due to a swivel mounted 36" long handle.

RELIABILITY

The LSU is manufactured by skilled mechanics, utilizing the latest production techniques. Each unit has been rigorously tested prior to packaging and shipment in order to insure trouble-free operation. Duro Dyne distributors and sales engineers are available throughout the country to provide continuing service.

OPERATION

The liner easily feeds through rollers by rotating a hand crank operable on either side of machine. A slitting blade provides accurate clean cuts of desired widths.

Cross cutting is provided by a transverse rotary cutting blade which the operator draws across the liner from either side of machine. The handle rotates 360° to swing out of the way when not in use.

The machine head can be mounted and used on your own table or can be used with the supplied Duro Dyne frame. This frame not only supports the head but also can accommodate one roll of insulation, (up to 60" wide and 40" in diameter), that can be preloaded onto the built-in reel for continuous, productive operation.

CAPACITY

	Roll Width	Roll Diameter	Liner Thickness	Liner Density	Slitters
LSU	Up to 60"	Up to 40"	1/2" through 2"	1-1/2 to 6 lbs. density	Up to 5

SPECIFICATIONS

62½" Long; 82" Wide; 52" High
Blades 6" Diameter Carbon Steel
Exit Table Not Supplied

SHIPPING WEIGHT

280 lbs. Approx.

ORDERING INFORMATION

Item #	Code	Description
28009	LSB	Replacement Blade Only
28076	LSU	Advanced Liner Sizer Complete

The LSU is shipped knocked down. It is easily assembled into a sturdy unit built for production work.

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AUTOMATIC UNIVERSAL LINER SIZER

ITEM #39021

PLSU2

The PLSU2 is the latest in Automatic Liner Sizer cutters for the HVAC Industry. The gear driven slitter and a pulley driven cross cut blade create a powerhouse to tackle all specialty insulations. This new cutting action will allow the PLSU2 to accommodate virtually all insulation types on the market including closed cell products, cotton fiber, Neoprene, Elastomeric Foam & more.

MATERIAL HANDLING

The drive rollers of the PLSU2 also run in reverse for easier material loading/unloading.

UNIVERSAL WORKFLOW

The portable controls allow for one machine to work for both 'Left to Right' and 'Right to Left' flows. The PLSU2 can also be manually operated if desired in addition to automatic operation.

CUTTING ASSEMBLY

The PLSU2 comes standard with 1 pulley driven cross cut blade for cutting to length and 1 gear driven slitter for cutting various widths. Additional slitters can be added (up to 4).

FRAME ASSEMBLY

The insulation rack will hold two rolls of insulation standard as shown. An additional assembly is also available that can accommodate another 2 rolls.

ACCURACY

The PLSU2 is built to maintain a tolerance of + or - 1/4" of length desired as well as slitting accurately to desired widths.

EASE OF ADJUSTMENT

Convenient flip top Plexiglas guards allow easy access for multiple slitter positioning with new safety sensors on Blade enclosures for added protection. The settings for both width and length are made easily and quickly by the mechanic. All machine functions are controlled by 4 push buttons and one toggle switch. Material handling is minimized.

HIGH PRODUCTION

PLSU2 will slit material at the rate of 40 linear feet per minute. Where material is to be cut to length as well, a full roll of insulation can be sized in less than 5 minutes.

RELIABILITY

Duro Dyne's experience with manual insulation cutters provides the technical know-how for producing a powered machine which will perform to the high standards required. Many PLSU2 insulation cutters are already providing contractors with efficient trouble free production in shops throughout the country.

**THE MOST
VERSATILE AND
COST EFFECTIVE
INSULATION
CUTTING OPTION
IN THE INDUSTRY!**



**Fast, accurate automatic
duct liner cutter.**

ITEM #39021

MACHINERY DIVISION

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Printed in USA 09/2016

BC039408

**DURO
DYNE**®

SAFETY

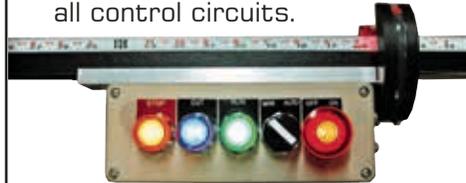
The PLSU2 is designed with operator safety in mind. Guards and interlock switches minimize the possibility of accidents caused through operator error.

**SERVICE**

Duro Dyne, through its regional offices, sales engineers and select distributor organizations, assures you of assistance when required. Our service department technicians are available to help you keep your machine operating in top condition at all times.

FEATURES

- Durable pulley driven cross cut blade for cutting to length
- 1 gear driven slitter for cutting various widths. (4 can be added for additional cost)
- An insulation rack is designed to keep liner square and hold up to 2 rolls standard. An additional assembly is also available that can accommodate another 2 rolls.
- Micro switch interlocks on all guards for safety.
- Reliable pneumatic controls
- Proven 24-volt components for all control circuits.

**SPECIFICATIONS**

- Cradle accommodates liner roll up to 60" width, 40" diameter
- Oil bath reducer with 25 to 1 ratio
- 1/3 horsepower motor
- 66" long; 1-1/2" diameter automatic tensioning cable cylinder for cross cut blade.
- 1 crosscut assembly, 1 slitter assembly
- Electrical requirements: 110 volt, 15 AMP
- Air requirements: 80 P.S.I.

DIMENSIONS**OPERATION**

Place a roll of liner material on the cradle and feed the leading edge of the liner between the pinch roller and the feed roller. To cut multiple pieces of the same dimensions set mode selector switch to "automatic". Set the PLSU2 for the desired length and width dimensions. To set the width, loosen knob on the slitter assembly and the slide slitter assembly to proper position, retighten the knob. (A metal scale has been installed to ease the width selection.) To set the length, loosen the knob and slide the control unit along the guide to the desired length, retighten the knob. The guide has been equipped with a well calibrated metal scale. Press the run button. The insulation will advance through the rotary knife slitter until it reaches the pre-set length. The liner is then automatically stopped and crosscut to length.

As the cut liner is removed from the machine, it automatically restarts. The next piece is slit as it advances through the machine toward the length sensor where it will stop and be cut to length. Removal of the liner starts the next cycle. The machine continues in this mode of operation until the "Stop" button is pressed.

For individual pieces of varying lengths, set the mode selector switch to "Manual". Position the slitter to the desired width and set the length. Press the "Run" button and the material will feed through the slitter and stop. Press the "Cut" button and the material is cut to length and can be removed.



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SUPER-SPRAYFAST™

UNIVERSAL

ADHESIVE APPLICATING SYSTEM FOR WATER-BASED ADHESIVES

ITEM # 5151

The revamped Universal version of our Super Sprayfast Adhesive Applicator (SSFU) machine makes it possible to use the same applicator on either a 5 gallon bucket or 55 gallon drum. In addition, it now also includes a new flush kit for easy clean up and maintenance (more information on back). The SSFU features an acetal/teflon diaphragm pump **circulating system** and **surge tank** to provide quick, easy and even spray, with minimal overspray.

ITEM# 5151
(Adhesive not included.)



Reliable

The acetal and teflon air operated diaphragm pump coupled with the circulating system keeps the adhesive fresh. The built in surge tank helps maintain an even spray. The spray gun is constructed of aluminum and stainless steel to resist corrosion.

Safe

The SSFU has been designed for use with Duro Dyne's WIT, WSA and SSG water-based adhesives. These adhesives are nonflammable and contain zero solvents. No venting is required.

Ease of Operation

Place the pump (factory mounted to the cover) on top of the adhesive container. Attach the air-line to the Super Sprayfast Universal pump. The pump is self-priming and charges the spray gun quickly. A 15-foot hose gives the operator plenty of freedom of movement.

Versatile

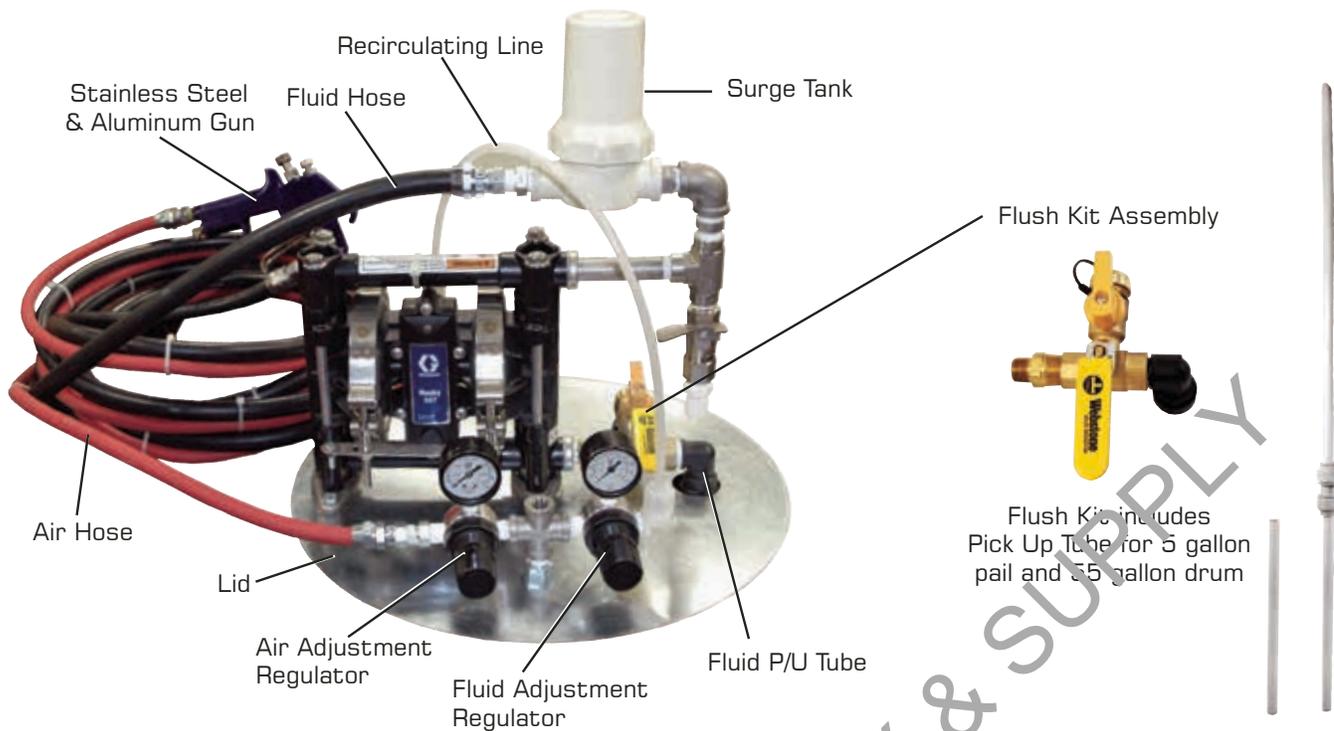
The Super Sprayfast Universal is designed for use with 5 gallon pails or 55 gallon drums of water-based adhesive.

Flush Kit Assembly

For optimum performance, it is recommended that you flush out your Super Sprayfast Universal Machine (SSFU) weekly. The new flush kit of the SSFU model makes this clean up and maintenance procedure easier than ever before. Simply close the glue valve, open the water valve and set your water hose into a 5 gallon pail of water. Then, spray out any remaining glue in your hose. The pump will flush out the hoses for the next use.

MACHINERY DIVISION
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Flush Kit includes Pick Up Tube for 5 gallon pail and 55 gallon drum

Specifications

Air Requirements
 Pump: 80 PSI 2 CFM
 Atomization: 15-100 PSI
 15-24 CFM

Ordering Info

Item#	Description
5151	Super Sprayfast Universal for use with 5 gallon pail and 55 gallon drum of water-based adhesive

The Super Sprayfast Universal is specifically designed for use with Duro Dyne Water-Based Adhesives:

WIT, WITLV-AS, SSG, WSA



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 Duro Dyne Midwest Division, Fairfield, OH
 Duro Dyne West Division, Fontana, CA
 Duro Dyne Canada, Lachine, Quebec, Canada

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GBAC ROTO BONDER
ITEM# 39171 (LEFT TO RIGHT)
ITEM# 39250 (RIGHT TO LEFT)

GBAC

A roll coating application system featuring high production rates, minimal maintenance, and operator safety

Duro Dyne was the first company to introduce an adhesive designed strictly for fastening insulation to steel. Since that time Duro Dyne has continued to incorporate the latest technological advances into its adhesive products. As the need for a low cost non-flammable adhesive grew, Duro Dyne pioneered the introduction of a quality water based adhesive which is both economical and safe to apply. This development makes possible low cost, high production roller application of adhesive. To realize the full-est production potential of water based adhesive, Duro Dyne designed the Roto Bonder; a production machine which rapidly applies adhesive to insulation prior to the insulation being bonded to metal.



FAST

The GBAC is capable of coating fiberglass duct liner at the rate of 52' per minute. Using a standard roll of material - 5' wide, the GBAC coats over 250 square feet of liner per minute.

VERSATILE

GBAC's are quickly adjusted to accept liner ranging for 1/2 to 2 inch thickness.

RELIABLE

Using the highest quality components, the Roto Bonder is built to withstand the rigors of high production shop usage.

EASY TO USE

The Roto Bonder pumps water base adhesive from a drum into a built-in storage tank. A circulating system maintains proper adhesive level. Simply turn on the power and feed the liner material into the GBAC. There is no over spray or dangerous solvent fumes.

FAST CLEANUP

The GBAC cleans with plain water in minutes. All parts are easily accessible to the operator.

HIGH PRODUCTION

The GBAC works with existing Insulation Sizing machines and can be used in conjunction with an Automatic Pinspotter for a low cost high efficiency production line.

SERVICE

Duro Dyne distributors and territory managers are available throughout the country to provide continuing service.

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DYNE

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MACHINERY DIVISION
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ROTO BONDER

The Roto Bonder is a machine designed specifically for the purpose of roller coating one side of duct liner with adhesive prior to joining to the metal section of the duct. Insulation up to 60" wide can be evenly coated at a rate of 52' per minute. Either Duro Dyne's WSA or WIT adhesive can be used. Both are water base non-flammable adhesive and are available in 55 gallon drums or 5 gallon pails.

The Roto Bonder contains a trough through which the lower of two rollers rotates. The lower roller picks up adhesive, the thickness of which is controlled accurately by an adjustable metering bar. The Roto Bonder accepts insulation thickness of 1/2 to 2 inches.

OPERATION

Turn the multi port valve so that adhesive flows from the 60 gallon storage tank into the trough. Re-set the valve to circulate the adhesive from the tank to the trough and feed pre-cut liner material into the machine. In seconds, adhesive coated fiberglass automatically moves across the exit fingers.

At the end of the work day, pump adhesive from the trough to the storage tank. To clean the rolls, metering bar, trough and exit rack, sponge them with water.

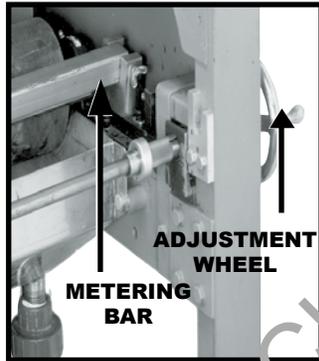
By eliminating spraying, there is no longer any hazard of fire and dangerous fumes, No venting of fumes is necessary. Clean-up is fast and easy.

When the Roto Bonder is used in conjunction with a Liner Sizing machine and Pinspotter, it is possible for one man to perform the entire operation of adhering and pinning liner to duct sections.

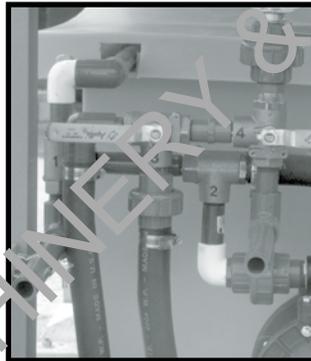
FEATURES



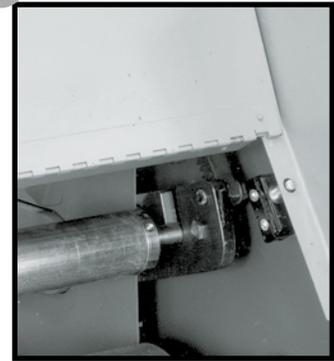
A heavy duty low maintenance air operated pump.



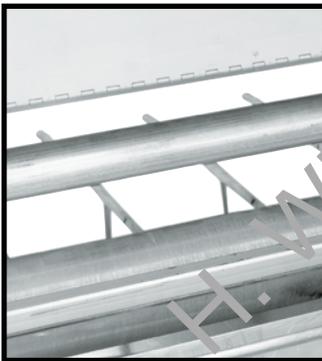
A metering bar accurately controls adhesive application.



Easy access multi-port ball valves control adhesive flow.



Safety guards are designed for maximum safety and practical shop use.



The cleanup position leaves sufficient space between the upper roll and the adhesive roll to allow for easy cleanup without endangering the operator.



A stainless steel trough provides dependable rust-proof service.



A 60 gallon covered storage tank is built into the Roto Bonder.

SPECIFICATIONS

GBAC Code No. 39171 left to right flow

GBAC Code No. 39250 right to left flow

Motor - 1/3 horsepower motor.

Pump - air operated diaphragm type

Insulation Thickness - machine adjustable to coat insulation from 1/2" to 2" thick

Liner Width - from 12" to 60" wide

Liner Length - from 12"

Speed of Application - approximately 52' per minute

Adhesive - Duro Dyne WIT or WSA
Water base only

IMPORTANT: Flow direction is determined with operator standing at control side of machine.

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Duro Dyne Canada, Lachine, Quebec, Canada

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