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MID-AMERICA PACKAGING
Mid-America Packaging is a premier sales and service organization providing adhesive dispensing equipment and industrial inkjet coding systems to a variety of industries. MAP prides themselves on delivering customer excellence with experienced sales engineers, a knowledgeable technical team and a responsive customer support staff.

MAP’s corporate offices and customer training center are located in St. Louis, MO. This location also serves as their state-of-the-art rebuild and refurbish center for hot melt applicator systems and supply warehouse for their replacement parts inventory.

In conjunction with their sister company, AJ Adhesives, Inc., MAP’s shared core purpose is HOLDING NORTH AMERICAN MANUFACTURING TOGETHER.

You can reach Mid-America Packaging at 314-652-4583
Or check us out on the web at www.map-pack.com to learn more about MAP

SERVICE CONTRACTS:
We offer full service contracts on all of our equipment that can be customized based on your specific production criteria. This can include all parts and maintenance or just PM items depending on what type of contract you desire.

Contact your local rep to discuss details.
MAP’s line of tank-less hot melt dispensers uses an integrated vacuum system to feed adhesive to an in-line melter. With its efficient heat transfer design, the InvisiPac System has adhesive throughput capability equivalent to or better than many hot melt tank systems. Continuous flow of adhesive during production that significantly reduces the time adhesive sits at temperature. Less time at high temperature means less char, less maintenance and more uptime.

**INVISIPAC HOT MELT UNIT**

This innovative hot melt equipment made for the packaging industry is a tank-free system that uses an integrated vacuum system to feed adhesive pellets to an in-line melt chamber. A sensor monitors adhesive in the chamber, and additional pellets are automatically added as needed based on the demand of your application. InvisiPac provides a continuous flow of adhesive during production that significantly reduces the time adhesive sits at temperature. Less time at high temperature means less char and less maintenance.

**INVISIPAC PATTERN CONTROL**

Put the right amount of adhesive exactly where you want it. Fast set-up, easy programming, pattern storage - it all adds up to increased productivity with the flexibility to adapt when you need to.

**INVISIPAC GM100 APPLICATOR**

With the InvisiPac Hot Melt Adhesive Applicator, you’ll experience a new era in hassle-free operation with improved uptime. With its innovative free-flow manifold design and integrated applicator filtering – when used with the InvisiPac System – you can eliminate nozzle plugs. You’ll finally have a hot melt system that runs reliably, unnoticed and invisible.

**INVISIPAC LINESITE**

LineSite is a data tracking and collection solution for the InvisiPac Tank-Free Hot Melt System. With LineSite, you can track InvisiPac machines on the plant floor in real-time from your smart phone, tablet or computer, and use the data as a powerful business tool to cut costs.
Astro Packaging manufacturers a powerful line of efficient and rugged hot melt units born from the Slautterback® all-electric technology. All of our hot melt machines are MADE IN AMERICA and provide years of trouble-free reliable performance. As the largest North American distributor for Slautterback®, and a previously authorized distributor for Nordson®, Astro Packaging specializes in Nordson® and Slautterback® equipment.

**ASTRO PACKAGING**

**ASTRO HOT MELT UNIT**

The LS10 reliable all electric manual hot melt applicator system is ideal for reliable packaging and product assembly. The LS10 offers a fast and economical alternative to tape, cold glue and metal fasteners. The system features a melt unit with a 10 pound capacity (5.4kg) Teflon-lined tank, and a heated hose and handgun. The handgun comes equipped with a single orifice nozzle. The rugged construction of the heated hose features a teflon core reinforced with stainless-steel braid.

Features:
- Simple all electric design
- Lightweight for easy mobility
- Cool-touch melt unit and hoses
- Accepts all forms of adhesive up to 25,000 cps pellets, granules, pillows, and blocks
- Adjustable temperature and flow rates

**AP15 HOT MELT UNIT**

Astro Packaging sets the mark with the new AP15 hot melt unit. The AP15 utilizes an adjustable output flow control with a constant speed, direct drive motor/pump combination. This extremely reliable melt unit holds 15lbs. of hot melt adhesive. The Cylindrical tank design virtually eliminates the possibility of char build up and degradation. An integrated flow through melt grid ensures consistent pump rates and adhesive delivery. Capable of up to (4) hoses and applicators, the AP15 temperature controller is simple to navigate.

Features:
- Replaces Nordson®, Melton & ITW Challenger units
- Supports up to (4) hoses and applicators
- Bead extrusion for manual or automatic applicators
- 200V-240V configuration, 1 PH or 3 PH
- Ni120, RTD sensor accuracy
- Compatible with all Nordson® accessories

**AP30 HOT MELT UNIT**

The AP30 Melt Unit is ruggedly designed for a wide range of adhesive and sealant applications. With a capacity of 30LB (13.6kg) of hot melt in pillow, pellet slab or bulk form, the melt unit concentrates heat at the tank bottom, while maintaining cooler temperatures at the top. This performance characteristic minimizes adhesive degradation, charring and foreign matter accumulation.

The AP30 features a fixed or variable AC motor that drives a positive displacement gear pump. An easy to adjust flow control allows for adjustment of pump pressure.

Features:
- Drop in replacement for Nordson® melters
- One to four hoses with automatic applicators or hand guns
- Simple, user friendly digital controls
- No compressed air reduces maintenance costs and downtime
- High performance pump rates up to 395 lbs/hr. (179kg/hr.)
- Reliable, smooth output gear pumps to handle a wide range of materials
ITW Dynatec is a global supplier of hot melt machines and solutions for various industries such as Packaging, Disposable Hygiene Products, Adhesive Coating & Laminating and many more. We have a unique company profile with an individual genetic code, history and strength. ITW Dynatec believes Quality, Innovation & Sustainability are the underlying principles of our long term success in the hot melt industry.

LOW VOLUME ADHESIVE SUPPLY UNITS

SIMPLICITY™ SERIES - ADHESIVE SUPPLY UNIT

The Simplicity™ ASU takes innovation, technology and performance to the next level. Clear, intuitive V6 controls and a modular design make it simple to install, operate and maintain. With a distinctive new orange ceramic coating, this compact unit features an HMI and hopper lid swivel for flexible configurations, while its small internal reservoir and autofeeding system rivals “tankless” systems. To match the production needs optimally, at the 16 kg hopper (only) a pre-melt grid can be mounted to increase the adhesive melt rate and two piston pumps can be mounted to double the delivery rate, which make Simplicity™ unique and exceptional in it’s class.

Quick Specs:
• 9-35 lb adhesive hopper capacity
• 25-50 lbs/hr melt rate
• 2, 4 or 6 heated hot melt hose outputs
• Dual piston pump capabilities (16 kg unit only)

ADHESIVE APPLICATOR METHODS

BF MICROBEAD APPLICATOR

The BF MicroBead™ Adhesive Applicator offers cleaner cutoffs and superior operation over a longer operating lifespan. Its air open/air close design provides accurate and uniform adhesive patterns and bead placement while the built-in filter helps maintain a clean nozzle orifice.

Quick Specs:
• Integrated needle and self-cleaning nozzle virtually eliminate adhesive stringing and downtime. (Optima Module)
• Adjustable needle stroke sets adhesive flow for extreme accuracy. (Micro Module)
• Standard air open/air close module for accurate bead placement and sealing.
• Platinum sensor provides optimum temperature control.
• Water resistant sealing.

HOT MELT HOSE

GEMINI™ HOT MELT HOSE

Gemini™ Hose is the only hot melt hose in the market that combines dual sensors and dual heaters. The special design combines dual sensors and dual heaters which can be activated in case a hose failure occur, helping you reduce unexpected downtime.

Quick Specs:
• Multiple electrical ground channels support a safe operating environment
• Electrical watt-density heating is hose length calibrated which reduces hose char
In business for over 36 years, Haeco offers simple yet effective solutions for a full range of corrugated gluing applications including: Flexo Folder Gluing, Specialty Folder Gluing, Hot Melt and/or Cold Glue Taper Conversion Systems, Hand-gluing Systems, and Engineered Gluing Systems for laminating and gluing corrugated parts. Products include Pattern Controllers, Glue Verification, Jam Detection and Trim Removal.

**FLEXO-FOLDER GLUING SYSTEMS**

Haeco’s Flexo-Folder Gluing System ships as a complete, pre-wired, ready-to-run system! Installation has been simplified by pre-wiring and color coding all controls and cables – giving you the option to install yourself. This Flexo-Folder Gluing System is not only one of the most robust systems on the market but is also one of the easiest to setup and operate.

Haeco’s Flexo-Folder Gluing System can be customized to meet your gluing needs. Whether you need the flexibility of non-contact gluing or whether you need options such as: Glue Pattern Control, Glue Pattern Verification, Jam Detection, Tab Quality Verification, Counter Ejection Output, or Registration Verification, Haeco has the solution to your flexo-folder gluing needs.

**SPECIALTY GLUER FOLDER**

Haeco’s TRS-3 Trim Removal System is designed to effectively remove left over trim on corrugated tabs and is completely adjustable for easy installation and setup.

The TRS-3 has the added feature of a product presence sensor and will shut off automatically at the prescribed setting.

**AFTERMARKET PARTS**

Haeco offers aftermarket parts such as: applicator heads, valves and valve-seal kits, as well as other miscellaneous parts as well. For more information contact our equipment team!
Hitachi’s industrial continuous inkjet printers deliver state-of-the-art technology and advanced features to enable high-speed marking and coding operations. Hitachi industrial inkjet printers, including RX Series, PH Series, PXR Series, and PB Series inkjet printers, support end-user’s track and traceability requirements via date code, expiration, and bar code serialization on any product-packaging surface. Furthermore, the Hitachi inkjet printer technology also allows non-contact printing flexibility to mark on rough, uneven, or varied surfaces from any direction.

**CONTINUOUS INKJET PRINTERS**

**HITACHI INDUSTRIAL CONTINUOUS INKJET PRINTERS**

Hitachi’s industrial continuous inkjet printers offer customers unparalleled reliability, and are backed by Hitachi’s industry leading two year warranty. Additionally, MAP’s CIJ printers offer the lowest total cost of ownership (TCO) compared to competitor’s models.

**RX-2 Standard**

- Large 10.4” color TFT LCD Touch Panel
- Strong die-cast aluminum print-head frame
- Unique 4m flexible umbilical design to shield external high voltage exposure
- Print-head umbilical interchangeable between in-line & 90 degrees position
- Unique ink return system to reduce solvent evaporation, which minimizes the mixing of air and ink
- Combination of viscosity control and density control to reduce solvent consumption and maintain high print quality

**UX-Series**

- Large 10.4” color TFT LCD Touch Panel
- Nickel chrome corrosion resistant printhead
- Unique 4m flexible umbilical design to shield external high voltage exposure
- Print-head umbilical interchangeable between in-line & 90 degrees position
- Unique ink return system to reduce solvent evaporation, which minimizes the mixing of air and ink
- Combination of viscosity control and density control to reduce solvent consumption and maintain high print quality

**PH-D Series**

**PXR-H Series**

**PB Series**

**TRIAL PERIOD AND WARRANTY**

All Hitachi units are available for a free 30 day trial with no cost or no obligation. MAP will install the unit at the customer’s convenience and if after the trial period they are not satisfied, MAP will come in and uninstall the unit free of charge.

All Hitachi units are also backed by Hitachi’s industry leading 2 year warranty. Special incentive and trade-in programs are also available in certain instances.

Contact your MAP Sales Representative for more information.
HI-RESOLUTION/DOD PRINTERS

SQUID INK HI-RESOLUTION/DOD PRINTERS

Squid Ink offers several options for Hi-Resolution/Drop-on-Demand Large Character printers. Each model allows manufacturers to print high quality dot-matrix characters on a variety of products at a cost-effective price.

Every Squid printer has been engineered inside and out for industrial-strength operation. Heavy-duty gauge coated steel cabinetry ensures continuous operation in harsh, real world environments. If the printer does fail, a fix can be completed in less than five minutes in most instances.

SQ2 Large Character

• Run one or two print heads from the same controller
• Easy-to-use software walks you through a series of prompts to program and save messages for printing
• Simple to operate, virtually maintenance free, and field upgradeable with modular components and options.
• Two models: water-based for porous surfaces or solvent-based for non-porous surfaces
• Industrial strength hand-held input device for easy message input
• Ability to run two print heads, allows printing on one or two sides of the product

SQ2 Scorpion Large Character

• Upgraded features include increased message locations, expiration date, shift organizer and encoder input
• Built-in air gauge to view regulated air pressure within the system and fine-tune print quality
• Proven plunger technology ensures uptime and keeps maintenance costs to a minimum
• Two models: water-based for porous surfaces or solvent-based for non-porous surfaces
• Ability to run two SQ/2 Series print heads
• Component modularity eliminates the need for service calls and minimizes downtime

MAP’s line of Hi-Resolution/Drop-On-Demand inkjet printers offer high quality alphanumeric printing of barcodes, logos, and razor sharp text.

They allow users to run multiple print heads and print multiple lines of code on any case or carton application.

Pilot Series Hi-Resolution Printers

Squid Ink offers several options for hi-resolution inkjet printing. Each printer is designed to print on porous and non-porous surfaces providing the ultimate level of flexibility and versatility for any customer need.

Squid’s hi-resolution printers include the; CoPilot Touch and CoPilot 500. Each model offers specific features independent from each other.

BENEFITS CO-PILOT 500

• Run up to two 2.8” print heads from a single controller
• Print up to 5.6” of hi-resolution characters, razor-sharp text, scannable bar codes, and great looking logos at 185 dpi per print head
• CoPilot’s 4.3” full color touchscreen provides access to the system’s internal messages and print functions
• Compatible with Squid Ink’s easy-to-use Orion™ message creation PC software system and ERP

A 4.3” full color touchscreen provides access to the systems internal messages and print functions.

Manage messages wirelessly using the optional 10.1” full color touchscreen with Orion Software.
Whether you’re printing small or large characters, fixed images, lot and date codes, or even variable data, inc.jet’s packaging printers can do it all. With rugged, flexible hardware, software that puts you in control of how you integrate inc.jet into your projects and the widest range of inks for printing on almost anything — from paper to foils, in black or in color — inc.jet’s packaging printers provide the ultimate industrial print system.

PACKAGE & CASE CODING

UNO 1/2” PRINTER

With their industrial-strength build and high-performance components, inc.jet’s packaging printers fit into virtually any manufacturing/packaging environment. And with an extensive range of inks available, there is practically no material that cannot be printed on clearly, quickly and efficiently.

INK THAT PRINTS ON EVERYTHING: PrimeX was designed to take TIJ to next stage in printing on nonporous substrates. It is ideal for use with a wide variety of plastics, metals and even glass. The solvent based formula dries rapidly on many difficult substrates and has an excellent decap time. PrimeX is available in the new SI cartridge, designed specifically for use with solvent inks.

The 1/2” UNO packaging printer’s all-in-one print head and screen give you a simple, yet incredibly powerful way to print up to 1/2” of print with the minimum of effort. The packaging printer system, comprising of a 7” screen and attached print head allows you to be up and running within minutes.

• No mess, no maintenance HP and inc.jet Technology
• Rugged industrial design for the most demanding installations
• Variable and fixed data capability
• SQL Database connectivity
• Simple ASCII interface to supply dynamic data from scanners and PLC’s
• Offline job creation
• Networkable—can be connected to company network

The .CORE integrated heads are the essence of what makes inc.jet’s inkjet coding systems so successful — rugged design, solid connections to external elements and the finest print heads in the industry, all provided in a commercial off-the-shelf inkjet coding system.

With a bulk ink handling system included as an essential part of an integrated head, .CORE inkjet coding systems are the most cost effective way of printing on cases and cartons. And with an ink designed specifically for printing on Kraft corrugated boxes and other carton materials available, total running costs are minimized at all times.

LIFETIME WARRANTY

inc.jet Inc. provides a Lifetime Warranty for our HP based Print hardware products and warrants that each product is to be in good working order for the product’s lifecycle whether purchased from inc.jet or an authorized inc.jet business partner. Should this product, in inc.jet’s opinion, fail to be in good working order, inc.jet will, at its option, repair or replace this product at no charge, provided that the product has not been subjected to abuse, misuse, accident, disaster or non-inc.jet authorized modification or repair. This Lifetime Warranty is given only to the Buyer and is non-transferable.
MAP’s line of labeling cases offer high quality and cost effective solutions for print and apply labeling of products, cartons, cases and boxes all across the supply chain. They are competitively price, feature rugged designs, and accurate engineering makes them the printer of choice for standard labeling operations.

UNITED BAR CODE SYSTEMS LABELING CASES

APL 3000
- Prints and applies labels for medium linear speed production lines
- Reaches high accuracy and reliability levels
- Equipped with the best integrated mechanics, pneumatics and electronics allowing typical industrial environment operating

APL 3500
- Designed to satisfy the highest demands and fulfill the largest production values
- It’s clean design and small size makes it easy to add to any production line
- Featured full TCP/IP communication, a complete PLC with input and output ports and a touchscreen

APL 4000
- Specially designed for secondary package labeling
- Prints and applies labels at medium linear speed production lines
- All APL 4000 series have been equipped with the best integrated mechanics, pneumatics and electronics allowing typical industrial environment operating

LABELING CASES

UNITED BAR CODE SYSTEMS PALLET LABELING SYSTEMS

APL-ELV 8000 Series
- Specifically developed for diverse height pallet labeling as well as automatically labeling different heights within the same pallet.
- Allows for selection of different pallet panel printing and application labeling at irregular predefined heights within its wide range of models.
- Equipped with auto-breaks guaranteeing an accurate label placement in each and every printing and application cycle

APL 8000 Series
- Impressive applicator system capable of printing labels up to 6” printing pallet width
- Datamax A-Class printer engine allows for exceptional quality printing
- It allows for a variety of standardized and certified bar codes to be printed

MAP’s pallet labeling systems provide customers with the most efficient end-of-the-line label applicators in the industry. They allow for variable pallet heights to be printed automatically and users may select a single or multiple panel labeling options for irregular or predefined heights.
MAP's label applicators provides customers with effective and cost efficient solutions, to fulfill any label application need. They feature flexible designs and more standardized features than similar products in the labeling market. Additionally, they provide end-users with the benefits of a customized solution for the price of a standard solution.

MAP supports and sells an extensive line of case taping equipment offering products for large run case taping, random side-belt case taping, top and bottom case taping, and compact case taping. Each system is made from 12” gauge steel that meets most factory requirements and features a powder coated exterior which guarantees years of use.

**CASE TAPERS**

**EASTEY CASE TAPERS**

**BB-2 Bottom Belt Case Taper**

The BB-2 features self-centering side rails, a rugged bottom belt drive, and heavy-duty mast that easily adjusts to handle a variety of case sizes at a cost-effective price.

- Belt Speed: 60 fpm
- Tape Speed: 30 cases per min.
- Air Requirements: None

**BB-2/SS Bottom Belt Case Taper**

Stainless steel construction coupled with a single drive wash-down motor and aggressive drive belts make the BB-2/SS ideal for wash down conditions.

- Belt Speed: 60 fpm
- Tape Speed: 30 cases per min.
- Air Requirements: None

**TB-2 Bottom Belt Case Taper**

The TB-2 utilizes top and bottom drives and a dual mast for greater tape head stability. It is ideal for tall and narrow or over-filled cases.

- Belt Speed: 75 fpm
- Tape Speed: 30 cases per min.
- Air Requirements: None

**LABEL APPLICATORS**

**PARAGON LABELING SYSTEMS LABEL APPLICATORS**

**PLS-100 Series**

- PLC Controlled
- 4 Line, back-lit interface with tactile keys
- 20”/second dispense speed
- 1/2’’ plate aluminum construction
- One button “Teach” label gap sensor

**PLS-400 Series**

- PLC Controlled
- Remote mount interface
- Stepper motor label drive system
- Operator selectable label dispense speed
- Pressurized cabinet
- Peel-tip label sensing

**PLS-500 Series**

- Allen Bradley PLC Controlled
- Remote mount interface
- Vacuum system back-flush (eliminates vacuum system clogging)
- Swing-away applicator mounts
- Pre-wired peripheral connection points
- 100 built in label location recipes
- Dual label sensing
Eastey offers two series of L-Sealers; the Professional Series and Performance Series. They both provide features independent from one another while offering the following standard features:

- Designed to seal most polyolefin, polyethylene, and PVC shrink films
- Seal head casting equipped with head return cylinder
- Stainless steel film clamps hold film in place
- Dual locking magnet clamps apply even pressure across seal bar

MAP’s shrink packaging systems are designed and built to give customers all the performance features needed for positive sealing wide varieties of films including polyolefin, polyethylene, and PVC.

Each system offers adjustable dwell times for better seal control and an analog temperature control adjustable for consistent sealing across a wide variety of films.

**SB-2EX Side Belt Case Taper**

The SB-2EX’s side belts are great for light or heavy weight, narrow or small boxes. It is ideal for void-fill cases where the packaged product does not support the box.

- Belt Speed: 75 fpm
- Tape Speed: 30 cases per min.
- Air Requirements: None

**SB-2HD**

Dual drive motors and aggressive drive belts make SB-2HD a workhorse that will stand up to your toughest challenges. Each case taping machine is made from 12 gauge steel that will withstand even the most rugged applications.

- Belt Speed: 72 fpm
- Tape Speed: 30 cases per min.
- Air Requirements: None

**SB-2EX Random**

The SB-2EX Random allows users to run a variety of case sizes without having to manually adjust for each box. The system automatically adjusts the side rails and tape head height for different case sizes.

- Belt Speed: 75 fpm
- Tape Speed: 15-20 cases per min.
- Air Requirements: 60 PSI

**Easy Packer**

Designed to streamline manual case packing, the Easy Packer is supplied with a 48” anvil packing station, extended side rails, and flap closing bars to assist with the packing and sealing process.

- Belt Speed: 75 fpm
- Tape Speed: 20 cases per min.
- Air Requirements: None

**SB-2/FC**

The SB-2/FC side belt case taper is designed to automatically close all four case flaps and seal the top and bottom. The adjustable plow system provides the utmost flexibility for varying types of carton sealing applications.

- Belt Speed: 75 fpm
- Tape Speed: 20 cases per min.
- Air Requirements: 85 PSI
The EX-CF Case Former enables a single operator to form, pack, and seal corrugate cases. Operation is simple: open the case and place it in the top of the case former. Photo sensors activate the machine’s flap folding mechanism to fold the bottom major and minor flaps. Once the flaps are folded, the case will stay in place while the case is filled by the operator. Filled cases can then be advanced into a taper for automated top and bottom case-sealing.

EX-CF Carton Former

Vertical Case Transport System

The VCTS allows users to print on two sides of a case eliminating the need for pre-printed cases or expensive labeling equipment supplies. Designed for off-line case printing, the VCTS automatically feeds blank cases through a print station that is ideal for mounting hi-resolution ink-jet printers and offers the ability to print virtually anywhere on either side of the case. Open access to print heads allows for easy maintenance and quick adjustments. The VCTS also features an input hopper that can hold up to 90 flat single wall cases and can-easily be reloaded by one person.

MAP’s Case Handling Systems provide customers with the industry’s premier case formers and off-line case printers. Two equipment options are available, each eliminating the need for pre-assembled and pre-printed cases. Manufacturers will have the opportunity to form and print on their own cases and cartons in-house.

The Intermediate level Eastey Choo-Choo shrink tunnels are designed and custom built for a customers specific product to provide positive shrinking on a wide variety of shrink bands.

• All-welded main frame 12 gauge steel
• Custom conveyor with custom designed shrink band carriers
• Removable air intake screen for recirculating air flow
• Sealed bearings on drive and idler shafts
• Adjustable solid state temperature control for a variety of films
MAP’s line of shrink sleeve applicators & shrink tunnels equipment includes a complete line of shrink sleeve labelers and tamper evident banding equipment designed for industrial applications. Our labelers range in performance from 50 to 600 products per minute, offering a product and price point no matter what the application demands.

SHRINK SLEEVE LABELING & TUNNELING

SHRINK SLEEVE APPLICATORS, SHRINK TUNNELS

The LX-150 Shrink Sleeve Label and Tamper Evident Band applicator from American Film & Machinery is a mid-range labeling machine designed for middle, full body, and full body and cap applications. The LX-150 is designed for low to moderate production rates and is a perfect solution for industries including food and beverage, pharmaceutical, nutraceutical, health and beauty, consumer goods, chemical, and other manufactured goods. Due to the versatility of the system, the LX-150 is also ideal for the changing needs of contract packagers.

Other Shrink Sleeve Labeler Equipment include:

- CH-100
- LX-100
- LX-350
- LX-450

Simple Conveyor Height Adjustment
Easy-to-use hand crank allows for ideal height adjustment on virtually any conveyor.

Dual Roll Unwind System
Standard dual roll film unwind and tension control systems maintain optimal in-feed tension needed for high speed operations.

In-Line Single-Head Mandrel
The bullet style mandrel is ideal for oval and round containers made of plastic, glass, or metal.

Smooth and Even Film Cutting
The multiple-blade rotational cutting mechanism provides smooth and even cutting at high speeds.

Operator Controls
The Operator side controls are conveniently placed for ease of adjustment.

Motorized Height Adjustment
Motorized height control makes installation quick and easy; setup and changeover can be completed in minutes.

Heat shrink tunnel equipment also has a WSN series that is a steam heat tunnels designed to take on difficult shrink labeling operations.

Heat Shrink Tunnels

OAL - CLASSIC (Electric)

The OAL Classic Radiant Heat Tunnel for shrink sleeve label and tamper evident band application from American Film & Machinery is designed for middle, full body, combo packs, and full body and cap shrink applications. OAL Classic is a perfect addition to shrink labeling lines in manufactured goods industries including food and beverage, pharmaceutical, nutraceutical, health and beauty, consumer goods, and chemical products.

Motorized Height Adjustment
High quality radiant heating elements provide uniform heat distribution to ensure a quality finish.

Two independent air flow motors maximize consistent film shrink.

Operator Controls
The Operator side controls are conveniently placed for ease of adjustment.

Contract Labeling & Packaging

In addition to providing shrink labeling equipment and consumables, American Film & Machinery also offers contract labeling services for customers looking to outsource their product labeling and fulfillment. With over 40 years experience in the shrink labeling industry, trust in AFM to provide exceptional service and the finished product you are looking for.

SHRINK SLEEVE LABELS

Shrink sleeves are an ideal solution for marketing your products to make them stand out on the shelf. Shrink sleeve labels cover your container from top to bottom and can be designed with 360 degrees of full color graphics, text, and even unique finishes. With full reverse print capabilities, our shrink sleeves are the perfect solution for stimulating shelf appeal to your entire product line, even when using the same container for all of your products.

CONTRACT LABELING & PACKAGING

In addition to providing shrink labeling equipment and consumables, American Film & Machinery also offers contract labeling services for customers looking to outsource their product labeling and fulfillment. With over 40 years experience in the shrink labeling industry, trust in AFM to provide exceptional service and the finished product you are looking for.
The D-Series units feature several relief valve options, ranging from the simple single stage relief valve to more sophisticated pneumatic relief systems. They allow for safe operation because of their independent/redundant over-temperature circuits and system over-pressure protection.

The D-Series capabilities include spray, ribbon coating, direct contact, and high speed jetting adhesive dispensing guns; and are ideally suited for a range of packaging, paper converting, graphic arts, non-wovens and product assembly applications.

**HOT MELT DISPENSING UNITS**

**D-SERIES GEAR PUMP HOT MELT UNITS**

The D-Series units feature several relief valve options, ranging from the simple single stage relief valve to more sophisticated pneumatic relief systems. They allow for safe operation because of their independent/redundant over-temperature circuits and system over-pressure protection.

The D-Series capabilities include spray, ribbon coating, direct contact, and high speed jetting adhesive dispensing guns; and are ideally suited for a range of packaging, paper converting, graphic arts, non-wovens and product assembly applications.

**MAP’s line of hot melt dispensing units are supported by the most current technological advances in the industry today. They offer premium reliability and total control of the units operation.**

Additionally, little to no maintenance is required due to the teflon coated auto feed tanks, which completely eliminate char buildup.

The Evolution C (EC) Series technology is the newest innovation for hot melt adhesive melters. The design is a culmination of features that were specifically crafted to meet the most current needs communicated by hot melt unit users worldwide. A new user-friendly control panel supports a quick and easy configuration to adapt to any work requirement. Valco Melton’s new EC Series hot melt adhesive unit offers optimum reliability and total control of the unit’s operation. Supported by the most current features and technology and easily takes recognition as the best in its performance class.

**EVOLUTION C (EC) SERIES**

The Evolution C (EC) Series are comparable replacements.

The D-Series is available in 4 sizes ranging from 4E, 10, 16, and 22 liter capacities. The D-Series feature a microprocessor temperature control including 7-day clock, temperature setback, sequential start-up and PLC user connections. All hoses and gun applicators for the D4E and the DuraBlue 4L are compatible and interchangeable. The D series (10-22) are available with either a fixed speed motor or variable speed motor for applications that require line speed tracking. All D series tanks are compatible with the 2300/3000 series hoses and most Nordson applicators. These units are comparable to the smaller sized DuraBlue tanks, specifically the DuraBlue 10, 16 and 25.
ADHESIVE DISPENSING EQUIPMENT

Valco Melton Dispensing Applicators

**ME Series Auto-Open/Auto-Close Guns**
- One of the most advanced technologies for high velocity intermittent bead applications
- Double effect module system ensures a perfect and uniform adhesive cut, giving a clean, quality appearance for stronger product finishing
- ME Applicators offer a flexible and versatile design which permits a universal fit and easy configuration for all customer demands

**MS Series Modular Guns**
- Standard applicators used in most packaging applications
- "Air-open and spring-closed" and use the H-200 style gun module
- Should be used with general packaging grade adhesives at temperatures from 200 °F up to 375 °F.
- These guns are compatible with Nordson BCS Classic Blue and Solid Blue A gun series as well as the older H-200 series.
- Can be configured in various spacing configurations and have 3 available fluid ports on each gun to allow for maximum versatility

**MF Series Integrated Filter Guns**
- Similar to MS Gun Series except for the integration of a filter screen within the manifold of the gun.
- "Air-open and spring-closed" and use the H-200 style gun module
- Should be used with general packaging grade adhesives at temperatures from 200 °F up to 375 °F.
- These guns are compatible with Nordson BCS Classic Blue and Solid Blue A gun series as well as the older H-200 series.
- Can be configured in various spacing configurations and have 3 available fluid ports on each gun to allow for maximum versatility

MAP’s line of variable temperature dispensing applicators cover every type of pattern requirement including high speed, non-contact extrusion, ribbon coating, fine-line gluing and spray.

They feature dispensing modules that are capable of dispensing molten hot melt material onto any substrate.

**HOT MELT HOSES**

Foam insulation and an outer braided layer provides high thermal efficiency for the prevention of heat transfer caused by convection and to protect hose components. Corrugated covers and additional waterproof options are available with special fittings to meet specific users requirements. These hoses are available in an ample range of diameters and lengths, and can include optional accessories like corrugated or waterproof covers, to adjust to each user’s specific needs.

**Valco Melton Hot Melt Hoses**
- Braided layers improve external hose protection
- Corrugated layers improve hose flexibility
- Foam insulation provides high thermal efficiency to prevent heat transfer caused by convection, protecting hose components
- PTFE thick wall offers flexibility, low friction and permeability, as well as superior chemical resistance
- PTFE is reinforced with a stainless steel high tensile braid

**NORDSON COMPATIBLE PARTS**

The standard hoses used with all Valco Melton equipment is the 2300/3000 series hoses. These are compatible with Nordson 2300/3000 series hoses used on the following models: 2300 series, 3000 series, ProBlue and DuraBlue. All Valco Melton hoses are built using the best materials available. Each hose is wound with Nomex insulation providing the best insulation and energy efficient performance. All standard hoses use a 3/8" ID core with high flex capability.

MAP’s range of compatible heated hoses have been designed for a total market standard adaptability, using top of the line market components. They are the ideal solution for hot melt transport, capable of working with any manufacturer’s equipment.
**SUPPORTED MANUFACTURERS**

**GRACO**

Since 1926, Graco Inc. has been a leading provider of premium pumps and spray equipment for fluid handling in the construction, manufacturing, processing and maintenance industries. Headquartered in Minneapolis, Minnesota, Graco works closely with distributors around the world to offer innovative products that set the quality standard for spray finishing, paint circulation, lubrication, sealant and adhesives dispensing, process application, and contractor power equipment.

**ASTRO**

Astro Packaging manufacturers a powerful line of efficient and rugged hot melt units born from the Slatterback® all-electric technology. All of our hot melt machines are MADE IN AMERICA and provide years of trouble-free reliable performance. As the largest North American distributor for Slatterback®, and a previously authorized distributor for Nordson®, Astro Packaging specializes in Nordson® and Slatterback® equipment.

**ITW DYNATEC**

ITW Dynatec is a global supplier of hot melt machines and solutions for various industries such as Packaging, Disposable Hygiene Products, Adhesive Coating & Laminating and many more. We have a unique company profile with an individual genetic code, history and strength. ITW Dynatec believes Quality, Innovation & Sustainability are the underlying principles of our long term success in the hot melt industry.

**HAECO**

In business for over 36 years, Haeco offers simple yet effective solutions for a full range of corrugated gluing applications including: Flexo Folder Gluing, Specialty Folder Gluing, Hot Melt and/or Cold Glue Taper Conversion Systems, Hand-gluing Systems, and Engineered Gluing Systems for laminating and gluing corrugated parts. Products include Pattern Controllers, Glue Verification, Jam Detection and Trim Removal.

**HITACHI**

Hitachi America, Ltd. is a leading manufacturer of industrial continuous inkjet printer products used for marking and coding in different packaging applications in the American marketplace. Their industrial continuous inkjet printers deliver state-of-the-art technology and advanced features to enable high-speed marking and coding operations. Hitachi industrial inkjet printers support end user’s track and traceability requirements via date code, expiration, and bar code serialization on any packaging surface.

**SQUID INK**

Squid Ink specializes in the manufacture of high quality industrial inks, industrial inkjet printers, and industrial case taping equipment for the packaging industry. Their products and services are designed to provide reliable cost-effective solutions to your industrial applications. Squid Ink has relied on a wealth of knowledge and experience in the inkjet industry to design a full family of large character and Hi-Resolution printing systems, as well as a full line of industrial case taping systems. Additionally, Squid Ink has been able to formulate the most comprehensive line of hi-resolution, piezo, and large character fluids in the product identification market today.

**INC.JET**

With their industrial-strength build and high-performance components, inc.jet’s packaging printers fit into virtually any manufacturing/packaging environment. And with an extensive range of inks available, there is practically no material that cannot be printed on clearly, quickly and efficiently.

**PARAGON LABELING**

Paragon Labeling Systems draws on 30 years of real world experience and reference-able customer portfolios. Paragon is “continuing the legacy” by using the over 30 years of experience in creating a product line that is modular and flexible for specific customers, industry, and compliance needs. We are committed to engineering and manufacturing high quality products that are user friendly to set up and maintain.

**EASTY ENTERPRISES**

Eastey Enterprises manufactures a complete line of case tapers, L-Sealers, sleeve wrappers, shrink tunnels and bundling equipment used in the food & beverage, electronics, medical & pharmaceutical, and other manufactured goods industries.

**AMERICAN FILM & MACHINERY**

American Film & Machinery is a leading manufacturer and supplier of heavy-duty shrink sleeve labeling equipment, shrink tunnels, and shrink sleeve consumables. AFM’s shrink sleeve labeling equipment includes a complete line of shrink sleeve labelers, tamper evident banding equipment, steam tunnels, electric tunnels and infrared tunnels. AFM’s labelers range in performance from 50 to 600 products per minute, offering a product and price point no matter what the application demands.

**VALCO MELTON**

Valco Melton specializes in creating quality assurance and electronic monitoring systems, as well as strong, durable bonds through cold glue and hot melt adhesive technologies. They’ve equipment has been utilized in corrugated boxing, folding case and carton seal, envelopes, coating, tissue and paper, non-wovens, textiles, specialized assembly, packaging, wood products, and auto and performance industries.
Mid-America Packaging specializes in rebuilding and replacing all Nordson, Slautterback and other hot melt dispensing equipment.

All of our service technicians are certified and factory trained and provide on-site service and repairs for existing hot melt application equipment. They will provide customized solutions to minimize downtime while MAP’s custom designed Preventative Maintenance Programs guarantee to prevent and identify problems before they arise.

Mid-America Packaging also stocks a diverse of replacement parts for original Nordson and Slautterback hot melt and dispensing equipment.

**Nordson Replacement Parts**
- H200 Series Modules
- H200 Series Applicators
- Solenoids
- Filter Assemblies
- Heated Hoses
- Nozzles
- AD31 Hand Guns
- 3000 Series Pumps
- Cordsets
- Model IV & V Pumps
- Photo Eyes
- Tech Generators
- Thermostats

**Slautterback Replacement Parts**
- V2 Pump and Manifold
- Flow Controls
- Nozzle bars
- Pressure Gauges
- Filter Assemblies
- Temperature Controllers
- Pattern Controllers
- Glue Applicators
- Filter Screens
- ML 400 Auto Series
- Thermostats
- Modules
- Motor Series
- Nozzles
- Pumps
- Valve Assemblies
Mid-America Packaging is environmentally conscious and prides itself in being at the forefront of compliance with current governmental regulatory guidelines. Our concern for the environment and worker safety is our highest priority.

All sales are strictly limited to the terms and conditions found on Mid-America Packaging acknowledgment, including a limited warranty and limitations on Mid-America Packaging's liabilities and buyer's remedies.

All orders are subject to acceptance by Mid-America Packaging at its headquarters currently located at 4800 Miami, St. Louis, MO 63116

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