



IDEAL-PAK
PASE GROUP



Semi-Automatic Filling

Automatic Filling

Drum & Tote Filling

Lidding & Closing

Container Handling

Nozzles & Fill Carts

Integrated Filling & Packaging Lines

Filling & Packaging Line Solutions



Ideal-Pak and PASE Group Come Together for You

Ideal-Pak and PASE Group – Coming Together to Provide More Complete Filling and Packaging Line Solutions for Our Customers.

Ideal-Pak and PASE Group, both Massman Companies, offer custom liquid filling machine solutions to the paint/coatings, chemical, lubricant and food industries. Together, we provide our customers the most comprehensive liquid filling and packaging line equipment solutions available. Including; container denesting, net weight liquid filling, lid placing, lid closing, palletizing, depalletizing and material handling.

Specializing in turn-key liquid filling and packaging line solutions; PASE Group provides individual PASE Group filling machines in addition to fully integrated filling and packaging line solutions. These packaging lines can be any combination of machine solutions from the PASE Group, Ideal-Pak, Massman Automation or other customer-preferred companies.

Together Ideal-Pak and PASE Group offer a full line of liquid filling machines including both automatic and semi-automatic models. In addition to intrinsically safe and/or explosion proof packages for their machines and integrated lines. Our affiliation with the Massman Companies gives us access to multiple facilities to design, fabricate, and assemble your equipment to your specifications. This gives you access to everything our partner companies have to offer, from case packing and palletizing to shrink-wrapping and pick-and-place. It all starts with a single phone call. Contact us today to learn more about how Ideal-Pak and PASE Group can design, build and deliver your complete liquid filling line solution.

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Industries Served | Applications | Containers

Industries Served

The Ideal-Pak and PASE Group brands of liquid filling and packaging machines have emerged to become a quality name in the paints and coatings, chemicals, lubricants, and food and beverage industries. Ideal-Pak and PASE Group's Filling & Packaging Line Solutions now combine to enable small, mid-size and Fortune 500 size companies to automate their entire liquid filling and packaging lines based on their specific production requirements and budget.

Paints & Coatings



Lubricants



Chemicals



Food & Beverages



Containers

Together Ideal-Pak and PASE Group fill a wide variety of containers sizes and types. From ½ pints to liters to drums and totes and virtually every container in between. Open top, f-style, carboy and bag in a box are but a few of the container types we transport, fill, close and package. We design our machines around your containers ensuring maximum fill rates, required fill accuracies and desired packaging rates are achieved in your plant.



Automated Filling Solutions

Ideal-Pak/PASE Group's automated liquid filling machines deliver the highest levels of automation and precision filling performance in a full featured package. Features include automatic PLC-controlled conveyor systems, lid placers and closers for hands-free operation.



AE2-CEM

2 Head Electronic Net Weight Filling and Closing Machine for Bottom Up Filling 1 Gallon through 5 Gallon Containers



AE2-CEM-DFS

2 Head Electronic Net Weight Filling and Closing Machine With IDEAL-PAK DFS Direct Fill System and Auto Lid Placer for Filling Quart Through 5 Gallon Containers



AE4-LAM

4 Head Electronic Net Weight Filling, Lidding and Closing Machine With IDEAL-PAK DFS Direct Fill System for Filling Quart Through 1 Gallon Containers



3 Head Automatic POP

3 Head Electronic Net Weight Filling Machine with Pressure Over Product (POP) Fill Cart, Crimping Station and Roller Closer for Filling Quart through 5 Gallon Containers.



4 HEAD AUTOMATIC POP

4 Head Electronic Net Weight Filling Machine with Pressure Over Product (POP) Fill Cart and Auto Lid Placing and Closing Options.



DUAL STATION 6-HEAD AUTO POP

12 Head Electronic Net Weight Filling Machine with Pressure Over Product (POP) Fill Cart and Auto Lid Placing and Closing Options.

Semi-Automated Filling Solutions

Ideal-Pak/PASE Group's semi-automated liquid filling machines deliver the flexibility to process smaller batches of product efficiently while maintaining the highest accuracy at an economical price.



ME1-CEM

1 Head Electronic Net Weight Filling and Closing Machine for Top Filling ½ Pint through 5 Gallon Containers



ME2-RNM

2 Head Electronic Net Weight Filling and Hand Capping Machine for Bottom Filling Quart Through 5 Gallon Containers



ME2-CEM

2 Head Electronic Net Weight Filling and Roller and Crimp Closing Machine for Filling Quart Through 5 Gallon Containers



2 HEAD PAIL FILLER

2 Filling Head Electronic Net Weight Filling, Crimp and Roller Closing Machine for Open Top Cans and Pails



2 HEAD FILLER (PAILS & F-STYLE)

2 Filling Head Electronic Net Weight Bottom Filling, Capping, Lid Placing and Lid Closing Machine For Open Top Pails and F-Style Containers.



3 HEAD PAIL FILLER

3 Head Electronic Net Weight Pail Filling and Pail Lid Crimper Closer and Single Drum Filling (by removing pail scale cart)

Drum & Tote Filling Solutions

The Ideal-Pak/PASE Group line of liquid filling machines for drums and totes combine precision net weight filling with full-featured automatic or semi-automatic filling packages. Expandable modular designs with Allen Bradley PLC, touch pad HMI, SPC reporting, custom conveyor layouts and top fill, inside fill or bottom fill machine configurations provide flexibility for a wide variety of drum and tote filling applications.



PT-IF (Drums Pallet)

4 Drums on a Pallet Semi-Automatic Net Weight Filling Machine. Will Also Fill Single Totes. PLC Controlled with Color HMI and Explosion Proof Packages



FULLY AUTOMATIC DRUM FILLER

Fully-automatic drum filling machine with operator-free bung locating camera-vision system. Auto in-feed and out-feed conveyor options. Explosion proof packages



PT-BF (TOTES ON CONVEYOR)

Semi-automatic Net Weight Filling Machine for Pails, Drums and Totes. Top Fill or Bottom Fill Configurations. Auto in-feed and out-feed conveyor options. Explosion proof packages



SINGLE DRUM FILLER

Automated bung removal & filling - in a single file drum filling system. Features a drum orientation station and vision system to auto locate bungs. Servo driven bung removal subsystem gauges torque during removal. Bung is placed in the center of the drum prior to fill step. Labeling options.



Automatic Tote (Only) Filler

Fully automatic Net-weight tote filling machine with fixed lance position. Allen Bradley PLC and Color Touchscreen HMI. Proportioning fill lance for inside or bottom up filling - accepts multiple tote sizes. Use with or without conveyors.



PT-IF (Box IBC)

Semi-Automatic Net Weight Tote Filling Machine for "Bag In A Box" (IBC) applications. PLC Controlled with Color HMI, In-Feed & Out-Feed Powered Conveyors and Explosion Proof Packages.

Lid Placers & Closers

Ideal-Pak/PASE Group Lid Placing & Closing Machines are the high-performance container handling solutions for a variety of applications requiring friction lids from half pint to 5-gallon containers. Reduce labor costs by fully automating your in-line filling operation with our automated lid placer and lid closing systems engineered to dispense, position and close lids on filled containers. Select from a variety of pneumatic-style lid placers and pneumatic-press, crimper and roller-style closers.



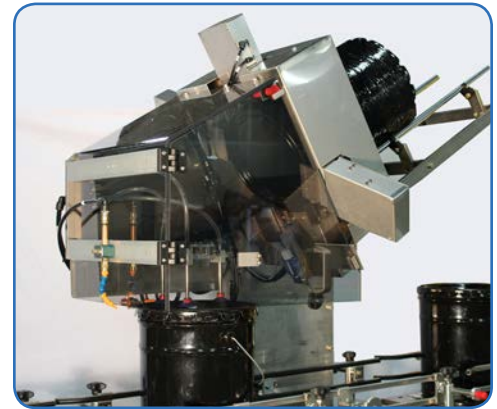
CR-1-2675

Automatic lid placing and closing machine handles friction type lids – metal or plastic – from ½ pint to gallon containers



ALP-1

Automatic lid placing and roller closer machine for ½ pint, pint, quart and gallon plastic or metal containers.



RECIPROCATING LID PLACER

High Speed lid placer for metal crimp style, metal friction and plastic lids. Features include small footprint and rates up to 20 lids per minute. Higher lid placing rates can be achieved by adding a second lid placing station.



ALP-5-0-CEM

Automatic high speed lid placer for 1-5 gallon plastic lids. Lids are pulled from a chute as the pail is conveyed into the lid. Can be combined with a roller closer for lid placing and closing.



HIGH CAPACITY LID DROPPER/CLOSER

High capacity fully automatic lid placer and roller closer with integrated motorized conveyor. Designed to feed automatic filling machines.



HIGH SPEED LID DROPPER.CLOSER

High speed, fully automatic lid de-nester, lid placer and roller closer machine with integrated motorized pail conveyor. Designed to feed automatic pail filling machines.

Container Handlers

Moving containers to the filling step and to the final packaging step is critical for completing an integrated filling and packaging line. We offer our customers a wide variety of de-nesters, palletizers, de-palletizers and case packers. For machines we do not produce we partner with high quality suppliers to provide the rest of the line integration including; labelers, coders, sealers and stretch wrappers.



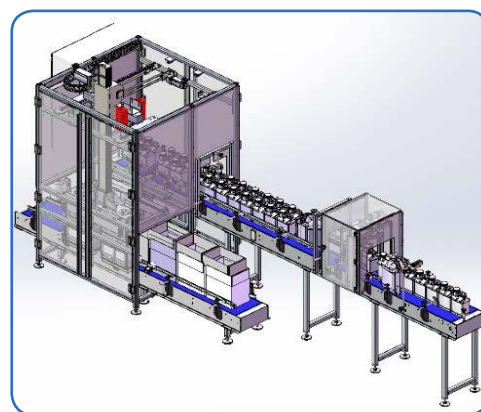
TOP LOADING CASE PACKER

Empty box conveyor fed by case erector bottom sealer or manually. Bottle conveyor feeds system and generates multiple lanes. Head changes for different pack patterns and bottle sizes. Fully controlled lowering system for gentle bottle handling.



FULLY AUTOMATIC DE-PALLETIZER

Pneumatically controlled pallet lift elevates pallet layers into precise position ensuring smooth container transfer. All 4 sides of pallet are captured protecting against tipping during sweep. Handles round, square or rectangular containers.



1 & 2.5 GALLON F-STYLE CASE PACKER

1 and 2.5 Gallon F-Style Case Packer Packs F-Style container up to 22 cases per minute. Quick change over for container sizes. Complements small to medium sized rotary fillers.



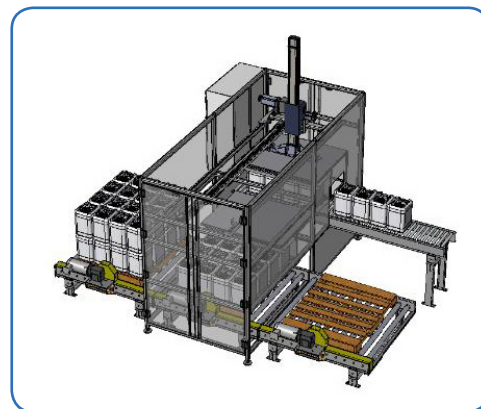
AUTO SERVO-DRIVEN PAIL DENESTER

Throughput; 40 – 5 gallon pails per minute in a compact footprint. Accommodates 1 to 5 gallon round, square or rectangular pails. Infeed length can be customized to meet capacity needs.



4 STATION PAIL DENESTER

Small footprint provides up to 28 – 5 gallon pails per minute. Easily adjusts to accommodate 1-5 gallon round, square or rectangular pails. Optional bail orientation at outfeed eliminates the need for a separate orienter prior to labeling.



AUTOMATIC GANTRY PALLETIZER

Stacks plastic or metal containers (stackable containers required) up to 20 cpm. Programmable multiple stacking patterns (rows and height). Optional skid dispensing unit continuously feeds empty skids as needed.

Nozzles

Precision made nozzles are an important component of our liquid filling machines. We have developed a variety of precision made nozzles to optimize the filling of virtually any liquid product. Our Nozzles are reliable, durable, corrosion resistant, and easy to clean. In addition to our nozzles Ideal-Pak and PASE Group have developed two innovative fill carts; the Direct Fill System (DFS) and the Pressure Over Product (POP) – both fill carts deploy unique technology to provide users with fast, accurate and quick-change filling of multiple containers simultaneously.



SHOWER NOZZLE

Designed for rapid drip free filling of ½ pint to 6 gallon open top containers. Perfect for filling light liquids such as light paints, solvents, stains, inks and other low to mid-viscosity products.



CONE NOZZLE

Ideal for a wide range of viscosity applications. Perfect choice for product applications including chemicals, paints, lubricants, stains, solvents and food products.



PLUG & SWEEP NOZZLES

Feature a stronger shaft, improved plug, and no dam, the Plug Nozzle is the next generation of innovative nozzle designs. Wetted parts on this nozzle are Stainless Steel, Teflon and Viton.



DIRECT FILL SYSTEM (DFS)

An innovative fill cart that uses gravity head pressure to eliminate splattering, provides balanced flow for faster fill rates and contains fewer wetted parts for greater batch yields. Available in 1,2,3,4,6 and 8 nozzle head configurations.



PROBE NOZZLE

Designed for bottom-up filling of a wide range of products, including liquid detergents, hydraulic fluids, liquid fertilizers, cleaners, herbicides and solvents. Reduces static build-up and is well suited to filling foamy products.



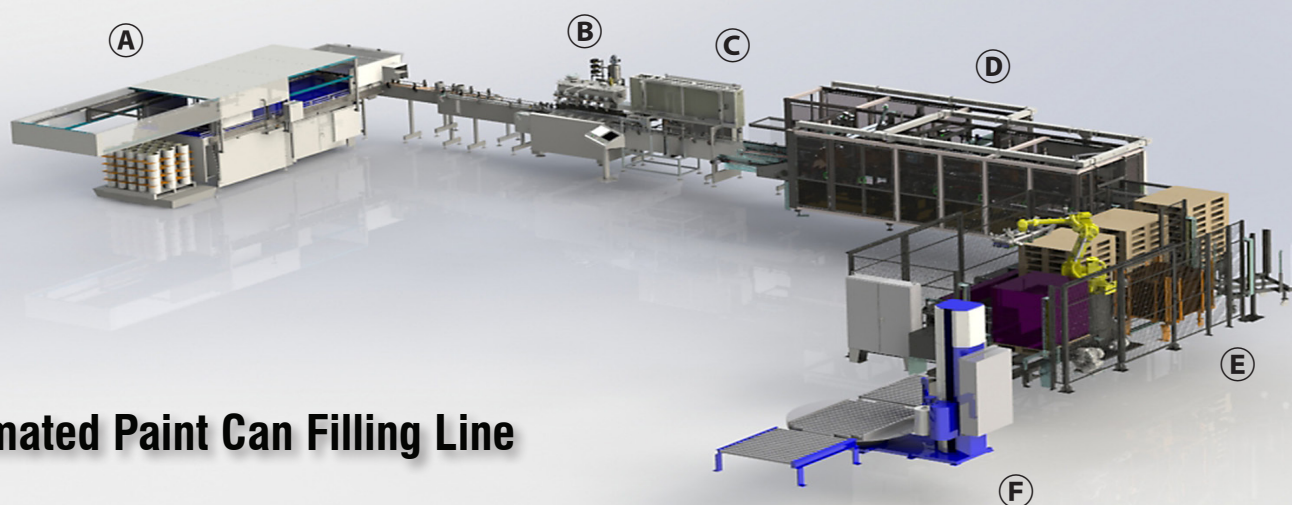
PRESSURE OVER PRODUCT (POP)

The innovative pressure over product fill cart uses a closed pressurized vessel to control product flow across multiple filling heads. The POP system with its adjustable heads delivers accurate fills at maximum rates. Available in 2 - 8 nozzle head configurations.

Line Integration

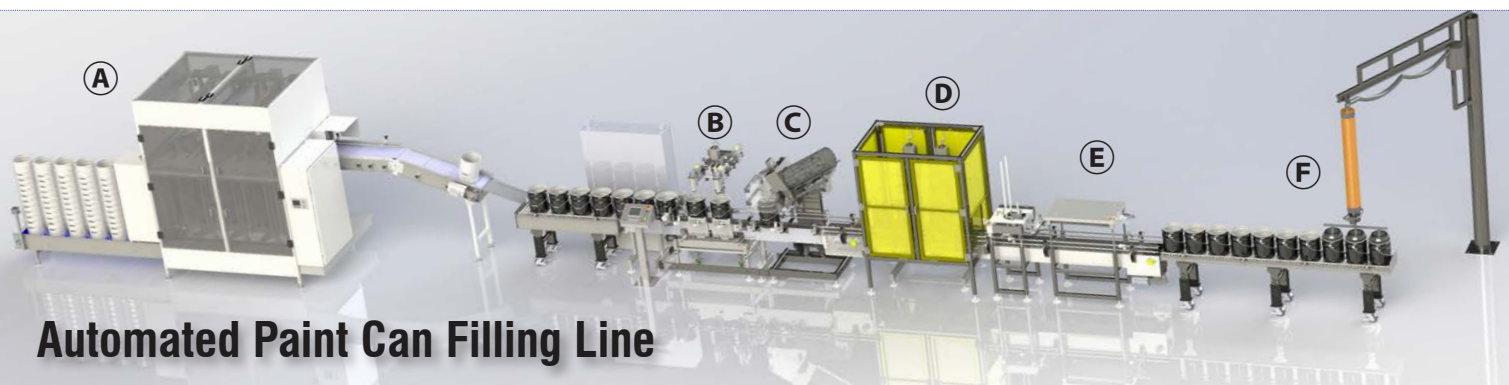
PASE Group designs and fabricates end-to-end liquid filling systems, from depalletizing to case packing and robotic palletizing. Discover what our liquid filling line integration capabilities have to offer:

- Cost-effective line layout design simplifies machine and line operations from the filling system interface.
- Faster, easier start-ups. All of your machinery is integrated and tested as one system on our own shop floor to ensure it can go into production immediately on yours
- We test all equipment communications and line control elements before they hit your floor.



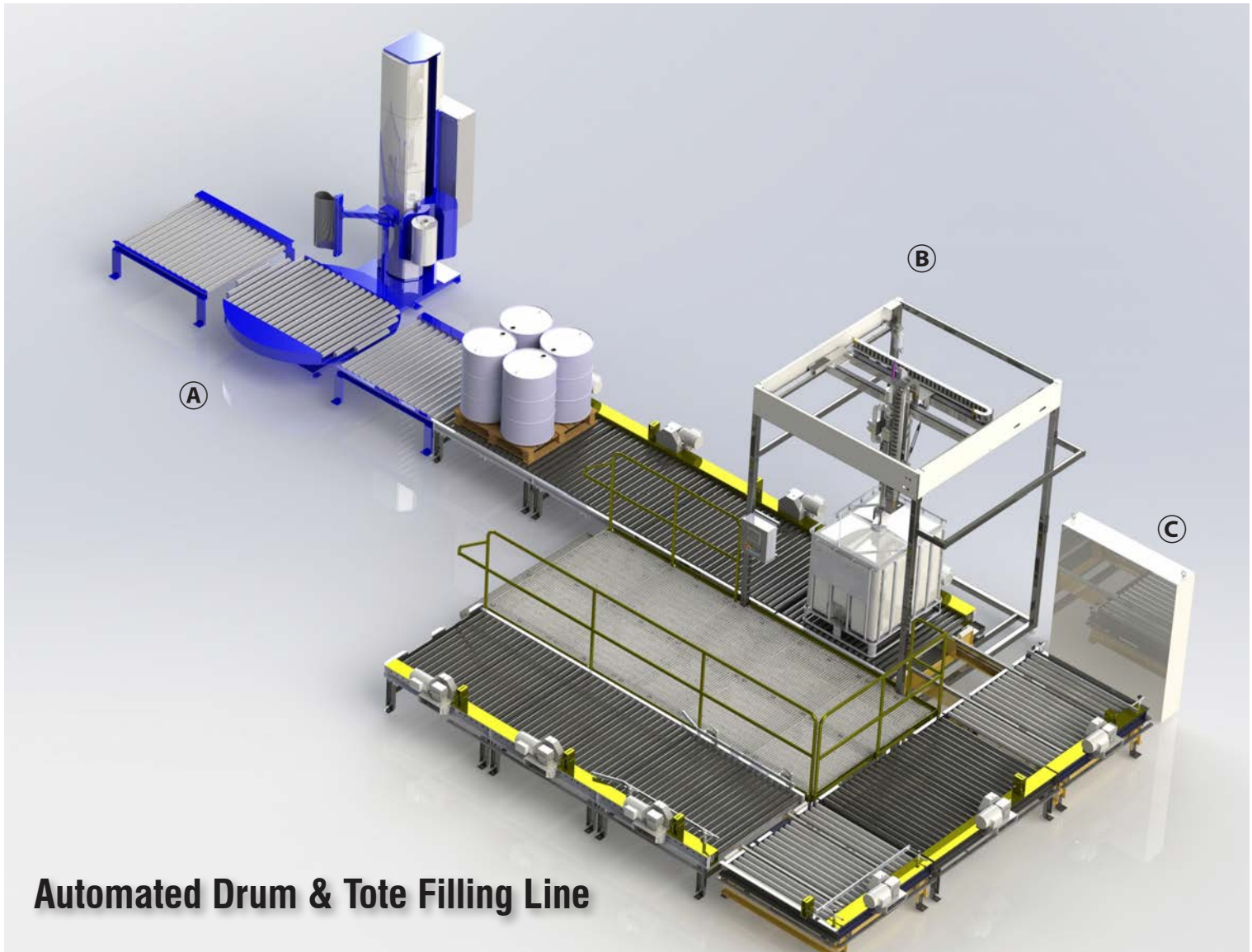
Automated Paint Can Filling Line

- (A)** Depalletizer: • Fully Automatic • Semi-Auto
 (B) Filler - Net Weight: • 1-8 Heads • Top, Sub, on Track - Fill • Dual-Station • Clean in Place
(C) Lid Dropper • High Capacity • Roller Closer
 (D) Casepacker: • Wrap Around • Gantry
(E) Palletizing: • Robotic or Gantry
(F) 3rd Party Integration: • Stretch-Wrapper • Labeler



Automated Paint Can Filling Line

- (A)** Denester
(B) Filler : • Net Weight • 1-8 Heads
(C) Lid Placer
(D) Crimping Station with Safety Guarding
(E) Roller Press
(F) Pail Lift Assist



Automated Drum & Tote Filling Line

- Ⓐ Custom Layout & Controls Conveyor Package & Work Platform
- Ⓑ Fully Automatic Drum & Tote Filler
- Ⓒ Integrated Stretch-Wrapper



Midwest Headquarters - Worldwide Impact



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Massman Automation Designs, LLC has been providing innovative packaging solutions for over 40 years to a wide variety of industries. We pride ourselves in the reputation we have established over the years as a supplier of automation solutions. We approach our customers' automation needs as an opportunity to develop long-term relationships and life-long support of the solution. By providing dependable equipment, excellent technical support, and very responsive customer service, you have our assurance that Massman Automation Designs, LLC will be there to support your automation requirements.

THE MASSMAN COMPANIES



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