



A PRODUCT OF AUTOMATED PACKAGING SYSTEMS

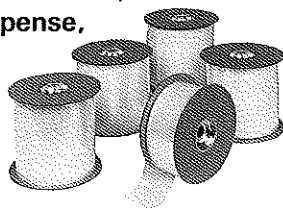
Just-in-time Stock Bag Program

Polyethylene Bags-On-A-Roll Delivered from Stock.

**We Ship within 48 Hours.
Reduces "Stock-Outs,"
Inventory Expense,**

**Downtime
and Overall
Bag Costs.**

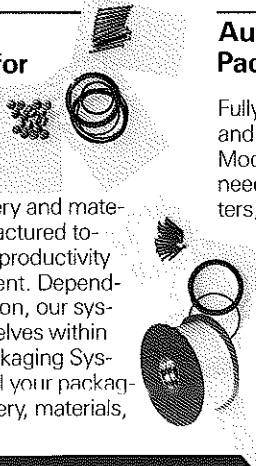
Over 100
sizes of
Autobag



plain polyethylene bags-on-a-roll are stocked for shipment within 48 hours after receiving your order. Autobag plastic bags-on-a-roll are preformed bags connected by perforations and are pre-opened on one side for automatic, semi-automatic loading and fast, clean finished package detachment. Used with Autobag machinery, they allow for easy system setup and operation, quick changeover and maximum uptime. Sizes range from 2" x 2" to 10.5" x 15" in various gauges. We will get the bags you need to you "Just-In-Time."

Automated's "Total Systems" Approach for Greater Packaging Productivity.

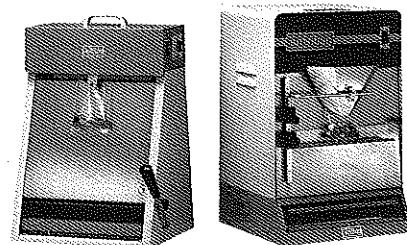
Our "Total Systems" approach provides you with packaging machinery and materials, engineered and manufactured together to provide maximum productivity and a fast return on investment. Depending on your use and application, our systems typically pay for themselves within the first year. Automated Packaging Systems is the total source for all your packaging needs, including machinery, materials, service and spare parts.



Complete Line of Labor-Saving Bagging Systems

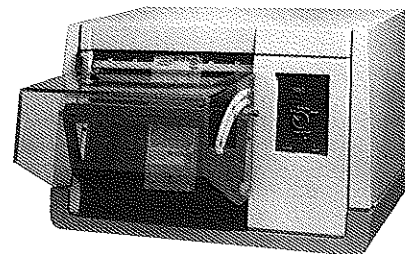
Autobag H-25 / H-55 Packaging Systems

Manual H-25 and semi-automatic H-55 open and heat-seal bags. Both are portable and ideal for decentralized packaging operations and short production runs.



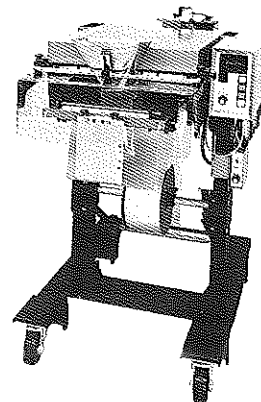
Autobag H-75 Packaging System

Portable, all-electric design. Automatically opens and heat-seals bags up to 40 bags per minute. Ideal for decentralized packaging operations and industrial and non-industrial applications.



Autobag H-100 Packaging System

Fully automatic system that indexes, opens and heat-seals up to 45 bags per minute. Modular design expands to meet your needs by the addition of imprinters, counters, weighers and infeed systems.



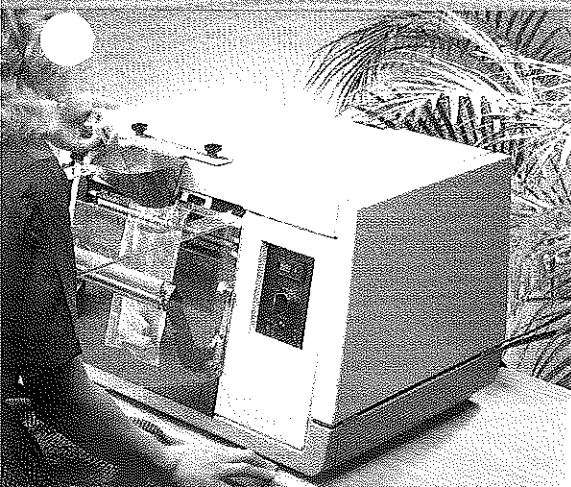
Select From Over 100 Stock Sizes of Autobag Polyethylene Bags-On-Rolls.

Part No.	Width	Length	Gauge	Bags Per Roll	Part No.	Width	Length	Gauge	Bags Per Roll	Part No.	Width	Length	Gauge	Bags Per Roll
100	2.00	2.00	Light Duty	7000	600	4.00	4.00	Light Duty	4000	990	6.00	8.00	Light Duty	1750
110	2.00	2.00	Standard Duty	5500	610	4.00	4.00	Standard Duty	3000	1000	6.00	8.00	Standard Duty	1250
150	2.00	3.00	Light Duty	4500	612	4.00	4.00	Extra-Tuff	2000	1010	6.00	8.00	Extra-Tuff	1000
160	2.00	3.00	Standard Duty	4000	620	4.00	4.00	Super-Tuff	1500	1020	6.00	8.00	Super-Tuff	750
180	2.00	4.00	Light Duty	4000	630	4.00	5.00	Light Duty	3000	1025	6.00	9.00	Light Duty	1500
190	2.00	4.00	Standard Duty	3000	640	4.00	5.00	Standard Duty	2250	1030	6.00	10.00	Standard Duty	1250
210	2.00	6.00	Standard Duty	2000	650	4.00	5.00	Extra-Tuff	1500	1035	6.00	10.00	Super-Tuff	500
220	2.00	7.50	Light Duty	2000	660	4.00	5.50	Light Duty	2500	1040	6.50	7.00	Light Duty	2000
230	2.25	4.00	Standard Duty	3000	710	4.00	6.00	Light Duty	2500	1050	6.50	8.00	Light Duty	1750
240	2.50	2.50	Light Duty	5000	720	4.00	6.00	Standard Duty	2000	1060	7.00	8.00	Standard Duty	1250
250	2.50	3.00	Light Duty	4500	730	4.00	6.00	Extra-Tuff	1500	1065	7.00	8.00	Super-Tuff	750
260	2.50	3.50	Light Duty	4000	740	4.00	6.00	Super-Tuff	1000	1070	7.00	8.50	Standard Duty	1250
270	2.50	4.00	Light Duty	4000	743	4.00	6.50	Standard Duty	2000	1073	7.50	9.00	Standard Duty	1250
280	2.50	4.50	Standard Duty	3000	746	4.00	7.00	Light Duty	2000	1076	8.00	10.00	Light Duty	1500
282	2.50	5.00	Light Duty	3000	750	4.00	8.00	Light Duty	1750	1080	8.00	10.00	Standard Duty	1250
283	2.50	5.00	Standard Duty	2250	760	4.00	8.00	Standard Duty	1250	1090	8.00	10.00	Extra-Tuff	750
287	2.50	7.00	Light Duty	2000	765	4.50	5.00	Standard Duty	2250	1095	8.00	10.00	Super-Tuff	500
290	2.50	8.00	Standard Duty	1250	670	4.50	5.50	Standard Duty	2000	1100	9.00	12.50	Standard Duty	1000
320	3.00	3.00	Light Duty	4500	680	4.50	5.50	Extra-Tuff	1500	1150	9.00	12.50	Extra-Tuff	600
330	3.00	3.00	Standard Duty	4000	690	4.50	6.50	Extra-Tuff	1200	1160	9.00	12.50	Super-Tuff	400
340	3.00	3.00	Extra-Tuff	3000	768	5.00	4.50	Light Duty	3250	1170	9.00	14.00	Super-Tuff	350
360	3.00	4.00	Light Duty	4000	770	5.00	5.00	Light Duty	3000	1180	10.50	15.00	Super-Tuff	300
370	3.00	4.00	Standard Duty	3000	775	5.00	5.00	Standard Duty	2250	Specialty Stock Bags				
380	3.00	4.00	Extra-Tuff	2000	780	5.00	5.00	Extra-Tuff	1500	Bag with Horizontal E-Z Open Perforation				
390	3.00	4.00	Super-Tuff	1500	810	5.00	6.00	Light Duty	2500	940	6.00	6.00	Light Duty	2500
400	3.00	5.00	Light Duty	3000	815	5.00	6.00	Standard Duty	2000	Bags with Vertical E-Z Open Perforation				
410	3.00	5.00	Standard Duty	2250	820	5.00	6.00	Extra-Tuff	1500	1140	3.50	10.00	Light Duty	1500
420	3.00	5.00	Extra-Tuff	1500	830	5.00	7.00	Light Duty	2000	1200	6.00	6.00	Light Duty	2500
430	3.00	5.00	Super-Tuff	1000	840	5.00	7.00	Standard Duty	1750	1210	6.00	8.00	Light Duty	1750
460	3.00	6.00	Standard Duty	2000	850	5.00	7.00	Extra-Tuff	1250	Bag with Horizontal E-Z Open Perforation and Printed White Block				
470	3.00	6.00	Extra-Tuff	1500	860	5.00	7.00	Super-Tuff	1000	1130	2.25	3.50	Light Duty	4000
490	3.00	8.00	Light Duty	1750	870	5.00	8.00	Standard Duty	1250					
500	3.00	11.00	Light Duty	1250	880	5.00	8.00	Extra-Tuff	1000					
520	3.50	4.00	Standard Duty	3000	890	5.00	9.00	Extra-Tuff	1000					
535	3.50	4.50	Light Duty	3250	900	5.00	10.00	Standard Duty	1250					
540	3.50	5.00	Light Duty	3000	910	5.00	11.00	Light Duty	1250					
550	3.50	5.00	Standard Duty	2250	920	6.00	6.00	Light Duty	2500					
560	3.50	5.50	Light Duty	3000	950	6.00	6.00	Standard Duty	2000					
570	3.50	5.50	Standard Duty	2000	955	6.00	6.00	Extra-Tuff	1500					
575	3.50	6.00	Light Duty	2500	960	6.00	6.00	Super-Tuff	1000					
580	3.50	6.50	Light Duty	2500	965	6.00	6.50	Light Duty	2500					
590	3.50	9.00	Standard Duty	1250	970	6.00	7.00	Light Duty	2000					
					980	6.00	7.00	Extra-Tuff	1250					

Maximum uptime.

"Total System" approach guarantees performance.*

Automated Packaging machines and materials are designed to work together to maximize your uptime. When you invest in the "total system" approach to packaging, you get the machinery, materials and service you need. Plus "total system" support backed by over 25 years of experience in packaging technology and innovation. Performance guaranteed.*



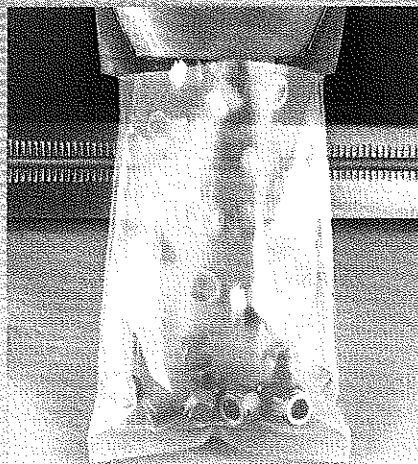
Simple, low-cost machinery.

From manual bagging units to high-speed, fully integrated systems, our machinery is fast, simple, easy to use. We keep machine design simple to help you avoid the complex bag-making required by form/fill/seal equipment.

Our machines not only cost less, but provide quick change-over. They also

require less maintenance and operator training time. Result: A faster return on your investment.

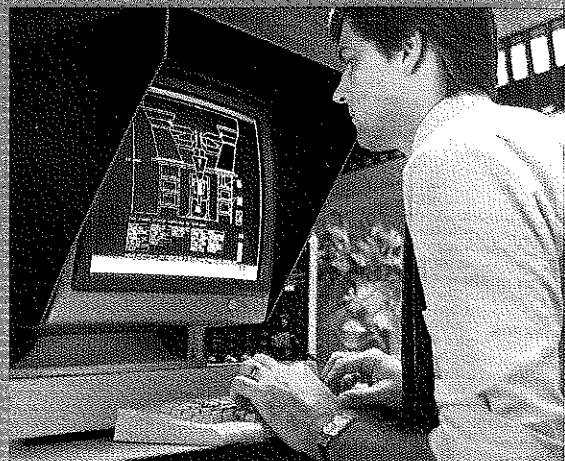
We offer high-speed counters, weighers, conveyors and custom infeeds for both single and mixed part packaging. What's more, such options as im printers, labelers and cycle counters are available for varying applications.



Premade bags deliver time and cost savings.

Designed specifically to work on Autobag® equipment, Autobag® premade bags-on-a-roll are engineered to deliver maximum uptime. Change-over can be completed in minutes because complicated bag-making is already done for you.

Available in a wide range of sizes and thicknesses, our ready-to-use bags allow you to choose the right bag for each of your packaging applications. We can print your bags using up to six colors with added special features. Or you can select from our stock of over 100 premade plain bags for immediate delivery.



Total in-depth support.

"Total system" support begins when our salesmen help you evaluate your packaging needs. Our staff, which includes some of the most experienced engineers in the packaging industry, works with you to design just the right system to meet your packaging needs.

Our graphic arts department handles package design from concept through printing. Our technicians provide "factory direct" installation and training at no charge. Local service and spare part centers keep your system operating. Our centralized customer service group assures prompt response to your inquiries.

Bottom line: We're dedicated to helping you maximize uptime through our "total system" approach. Performance guaranteed.*

**Call us at 1-800-331-4414;
in Ohio, 1-800-331-4415.**

**AUTOMATED PACKAGING
SYSTEMS, INC.**
8400 Darrow Road
Twinsburg, OH 44087
(216) 425-4242



**Automated
PACKAGING SYSTEMS**

*For more information about our guarantee, call or write for a copy of our terms and conditions.



Automated efficiency in a portable bagger.



The Autobag[®] H-75 system brings high speed and versatility to portable packaging.

Cuts costs. Boosts performance.

The Autobag H-75 system is engineered for low-cost, high-performance packaging. It's designed for industrial and non-industrial applications where limited space and a low initial investment are important considerations. The H-75 increases productivity over manual packaging. It does everything except load the bag, at a rate of up to 40 bags a minute, 24 hours a day.

To ensure top performance, the H-75 uses genuine Autobag plastic bags-on-a-roll. It automatically air-opens each bag for fast, manual loading. Once the product is in the bag, the H-75 neatly heat-seals each package and separates it from the roll. The automatic indexing system advances the next bag into position. A totalizing counter keeps count of all packages loaded.

Lowest cost, manually fed automatic bagger.

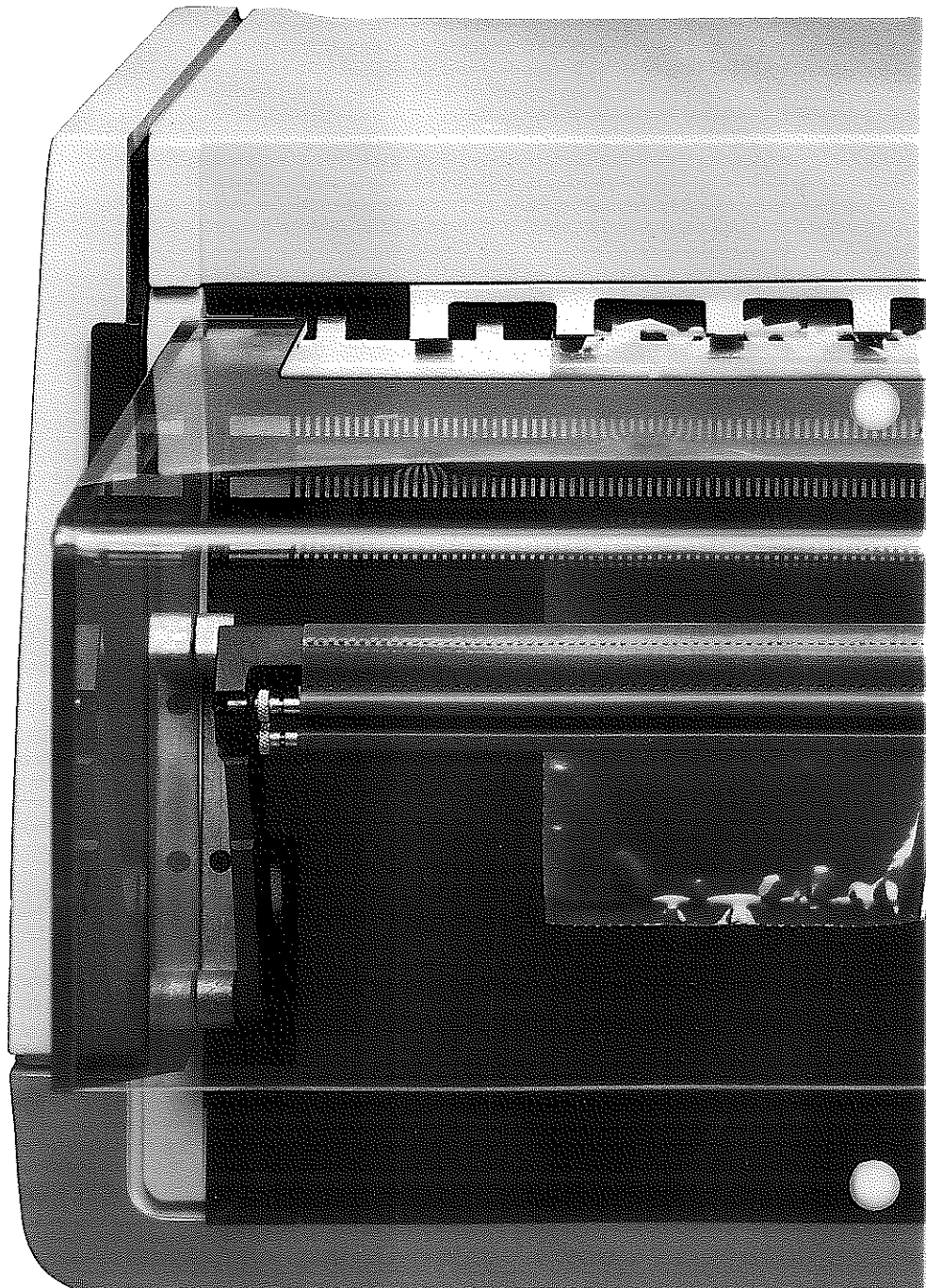
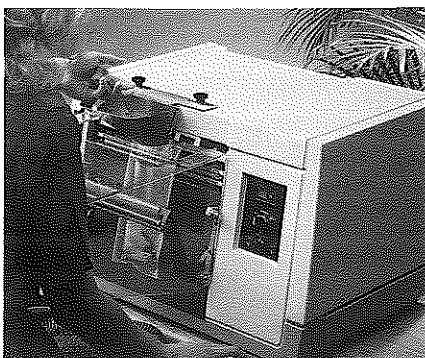
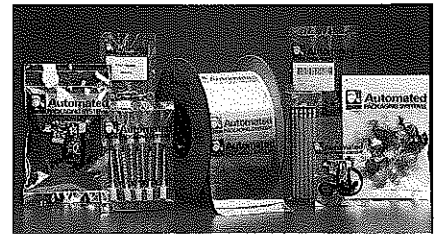
The all-electric Autobag H-75 is ideal for most decentralized packaging applications. Because the H-75 is fast, its cost is easy to justify, averaging under six months for payback. It's one of the most economical machines in the market.

And, since it sits on a table top and plugs into a standard 120V grounded outlet, it's practical for use in limited space. The 87-lb. (39.5 kg) unit is only 15 in. (38 cm) high, 24 in. (61 cm) wide and 26 in. (66 cm) deep. Ideal for use by caterers, hospitals, sheltered

workshops, in the plant or on the factory floor. Just plug in the H-75 and put it to work. Anywhere portable, versatile, reliable packaging is needed. As its exterior design is compatible with typical office automation equipment, the H-75 suits both industrial and non-industrial users.

H-75 provides versatility.

The H-75 easily adapts to your packaging application. It's ideal for food items, plastic utensils, specialty crafts, nuts, bolts or static-sensitive electronic components. It packages metal products, machinery parts,



rubber and plastics, photographic supplies and products, jewelry, automotive, hardware and fasteners, textiles and retail packaging. It is also ideal for contract packaging and institutional packaging applications. A feeding funnel directs the product into the bag. Different funnel sizes are available for your specific application.

Our packaging system—machinery, materials and service—provides maximum productivity. Our bags are preformed and perforated on a roll for quick changeover, efficient loading and

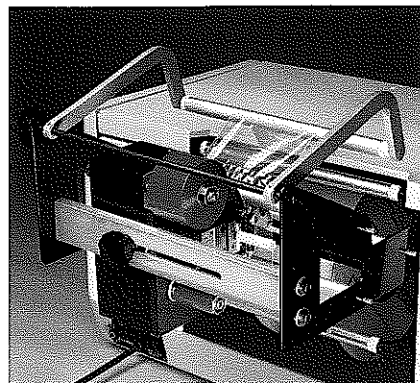
quick detachment. Our plain stock polyethylene bags are available with such features as hang-up holes and air holes. In addition, Automated Packaging offers complete graphic design and printing services to customize your product package.

From concept to finished package, we work with you—to determine the right design for your package and then handle all the details, including in-house bag printing in up to six colors on both sides. These custom bags will enhance your product presentation. We offer a variety of special

films for product-sensitive applications. For example, we use these films to produce bags with corrosion inhibiting and anti-static properties.

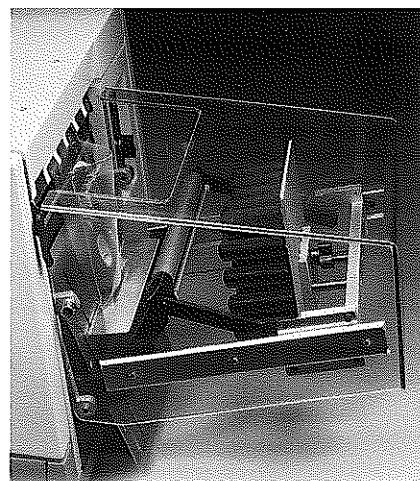
Expand your efficiency with optional accessories.

For a more comprehensive packaging operation, the H-75 is available with the following system options.



P-75 Electric Imprinter

Electric Imprinter. The P-75 is an in-line hot-stamp imprinter for printing date codes, product identification and other product information. Many type styles and sizes are available.



VL-75 Load Shelf with Bag Deflator Guard Assembly

Load Shelf with Bag Deflator Guard Assembly. The VL-75 adjustable flat shelf supports the weight of product in the bag as it is loaded and sealed. The deflator guard assembly automatically punches air out of the loaded bag before sealing to save space. Load shelf available in two lengths: 10-in. shelf for 10-in. maximum bag length; 20-in. shelf for 20-in. maximum bag length.



The Bagging Technology Experts

Autobag H-75 is the system designed to fit your business.

Automated Packaging Systems, Inc., the largest company of its kind in the United States, developed the Autobag preformed bag-on-a-roll concept in 1961. This concept has evolved into a systems approach that covers every stage of the bagging operation — from custom engineering to manufacturing machines and materials to full customer support and product services.

Our expanding line of Autobag systems and quality Autobag plastic bags-on-a-roll provide cost-effective packaging and fast ROI for a wide spectrum of private, commercial and industrial uses.

We manufacture our own machines, optional accessories and bag materials in the U.S. and Europe to ensure high-quality, low-maintenance packaging operations. Our national and international distribution network and field service technicians allow us to be responsive to your needs.

Our goal — maximum uptime for you. For more information on Autobag H-75, write to us or call toll-free **1-800-331-4414**. In Ohio, **1-800-331-4415**.

Specifications

Weight:	85-87 lb	(38.6-39.5 kg)
Height:	15 in.	(38 cm)
Width:	24 in.	(61 cm)
Depth:	26 in.	(66 cm)
Electrical:	120 volts	AC/800W
Speed:	40 b/p/m	(based on 5-in. (12.6-cm)-length bag).
Pass through:	4 in.	(10 cm)
Packaging weight capability:	5 lb	(2.27 kg)
Bag sizes:	2 in. x 2 in. to 10.5 in. x 20 in.	
Bag mil gauge:	0.0015 to 0.004.	
Bag materials:	All our current materials except metallized poly.	



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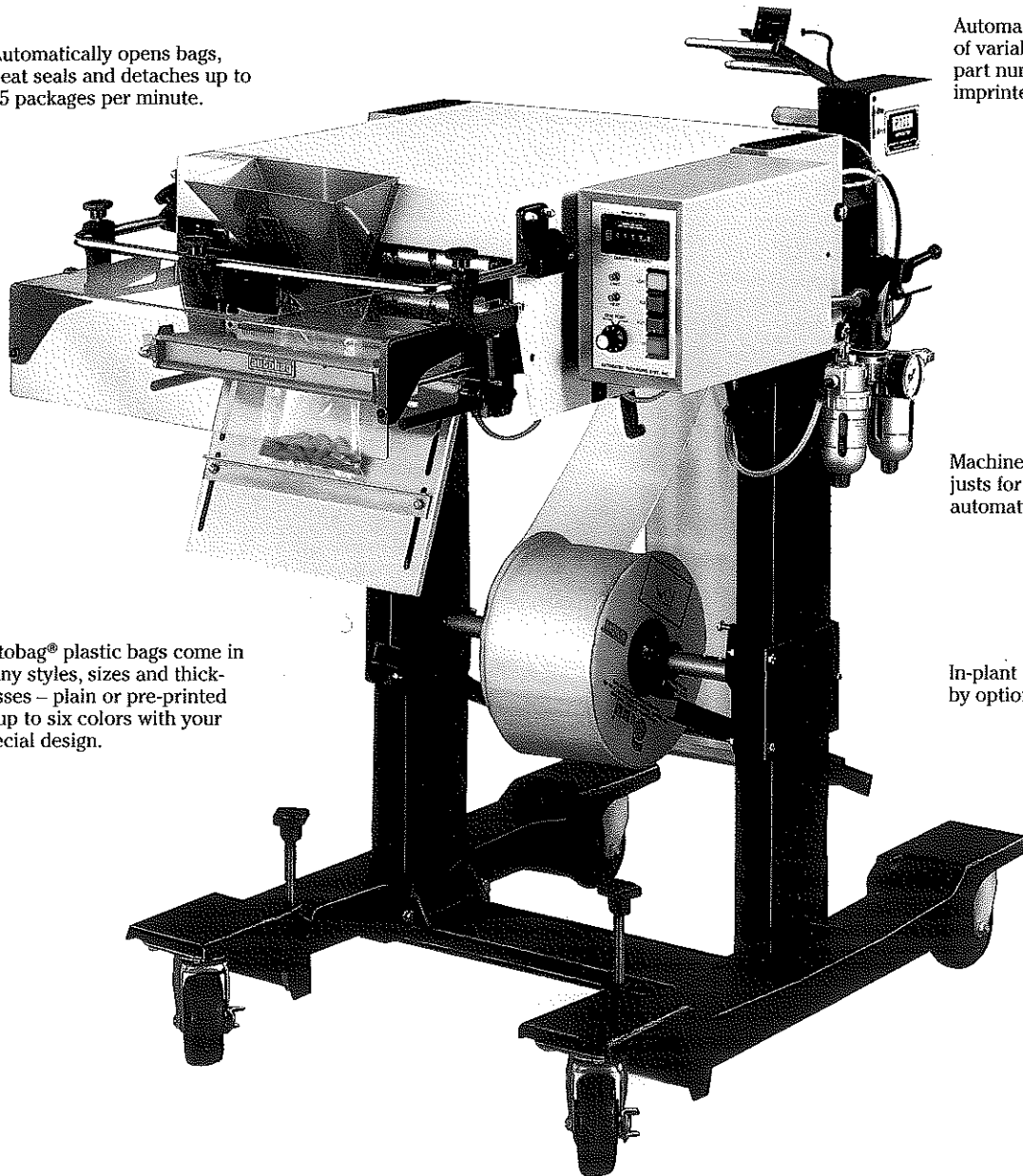
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Packaging Reduced To Its Simplest Form And Lowest Cost AUTOBAG® SYSTEMS

Automatically opens bags,
heat seals and detaches up to
45 packages per minute.

Automatic in-line imprinting
of variable codes, dates and
part numbers with optional
imprinter.



Autobag® plastic bags come in
many styles, sizes and thick-
nesses – plain or pre-printed
in up to six colors with your
special design.

Machine height manually ad-
justs for sit-down, stand-up or
automatic feeding operations.

In-plant mobility is increased
by optional caster assembly.

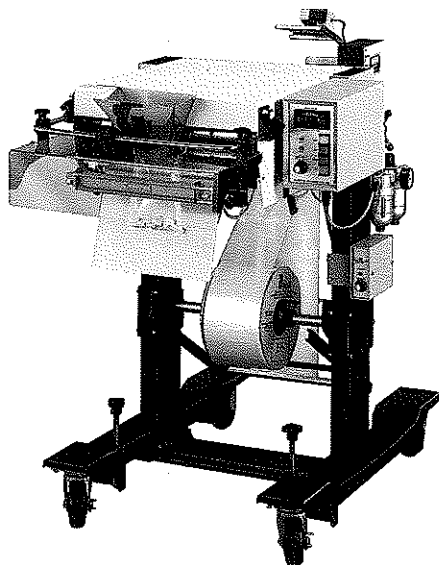
Autobag® H-100 packagers are the most successful bagging systems because of versatility, simplicity, speed and price. The Autobag H-100 Bagger is an all purpose high-speed plastic packager. It dispenses Autobag plastic bags from a roll, opens and heat seals them automatically; rated up to 45 packages per minute with typical applications around 30-35

packages per minute. The modular concept of the H-100 permits the addition of in-line imprinting, labeling, counting, weighing, and conveying equipment – everything you need for fast-payback, low-cost automatic packaging. All types of Autobag H-100 Baggers utilize pre-formed Autobag®

plastic bags on rolls in bag sizes up to 10½" wide x 22" deep, in standard thicknesses from .0015" to .004", with up to 7,500 bags per roll. Custom bag construction and machine specifications are available for specific applications.

Automated's Automatic Bagging Systems solve almost all packaging problems.

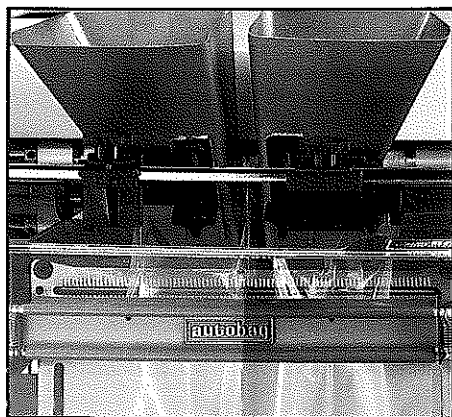
Autobag® H-100 BLT



Flush-cut bagger provides neat retail package appearance by trimming off bag skirt.

The Autobag Bottom Line Trimmer indexes, opens and trim-seals packages. Bags can be ordered with pre-made headers and hang-up holes.

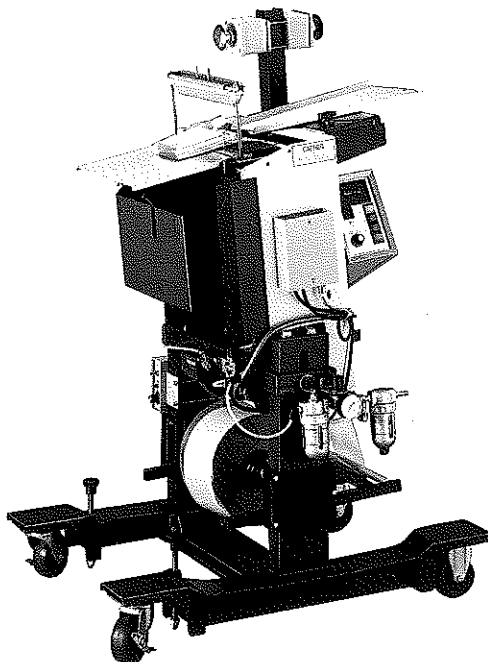
Autobag® 'Double-Up' Bagger



High speed Double-Up bagging system offers automatic, efficient and labor-saving packaging.

Autobag® Double-Up system can provide up to 70 bags per minute and increase productivity up to 90%. The Double-Up system can be tied-in with automatic scales and feeders for fast, accurate and complete plastic packaging of a variety of products.

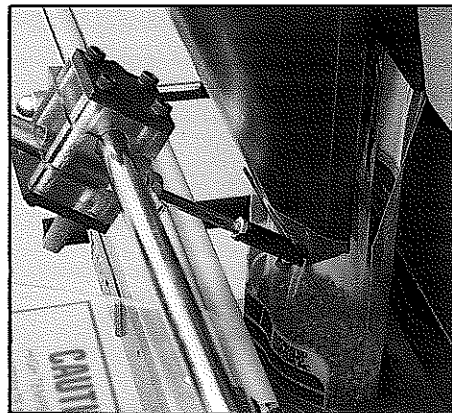
Autobag® H-100 Horizontal



Autobag H-100 Horizontal packager is a hand-load system for multiple loose-stacked, crushable or other items that require special handling.

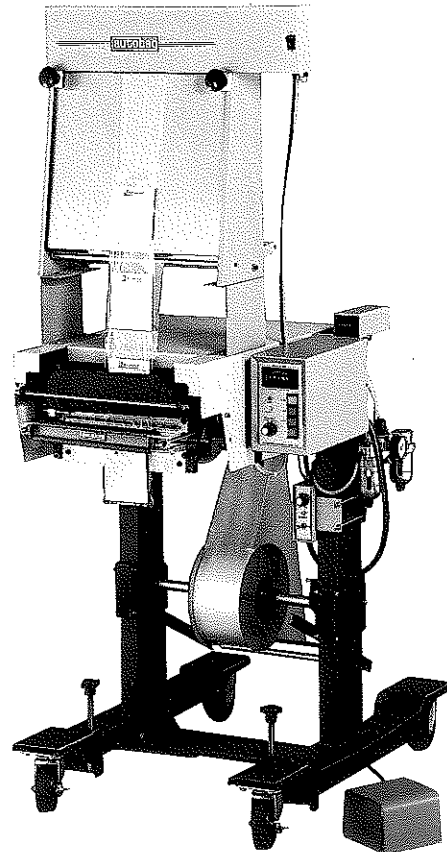
The Autobag H-100 Horizontal Bagger operates like the standard H-100 but is modified for horizontal loading and sealing.

Autobag® H-100 FL



The Autobag H-100 Flow Loader system provides automatic positive feed packaging for free-flowing and granular products. The system is compatible with most fillers and conveyors. An H-100 FL funnel dips into open bag for feeding of product and withdraws for sealing. Retracting sensor makes sure bag is in position before signaling feeder to dump.

Autobag® H-100 Vertical



High-speed plastic packaging for thin, flat, hard-to-handle items.

The Autobag H-100 Vertical system is designed for hand-loading flat products such as decals, direct mail, circuit boards, etc.

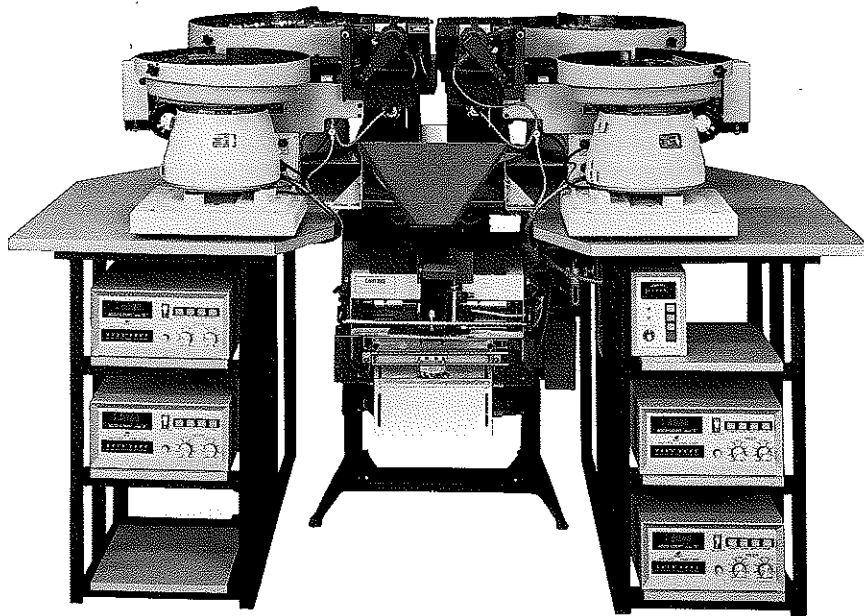
Handles items up to 1/8" thick. Top machine speed of 60 cycles per minute with typical application speeds of up to 30-40 per minute.

The H-100V allows the use of special bag design features such as hang-up holes, retail hang-up headers, compartment bags and vertical perforations.

Autobag® plastic bag rolls spindle-mount for fast, simple change-overs from one bag size to another. Plain stock Autobag® plastic bags are rush shipped from our plant within 48 hours.

See for yourself how modular counters & weighers can multiply your packaging savings.

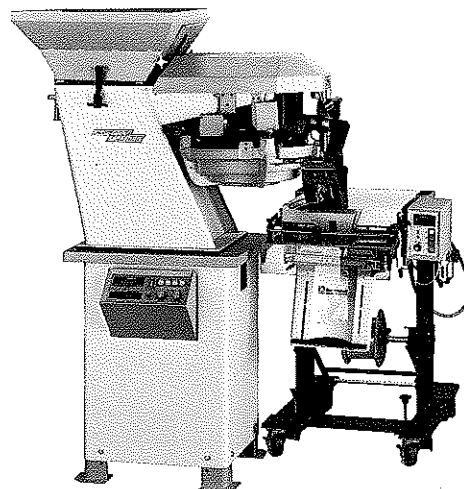
Horseshoe™ Table System



Horseshoe table allows direct feeding of multiple counters for faster packaging rates and greater-cost savings. Table configuration accommodates a variety of Accu-Count systems and re-

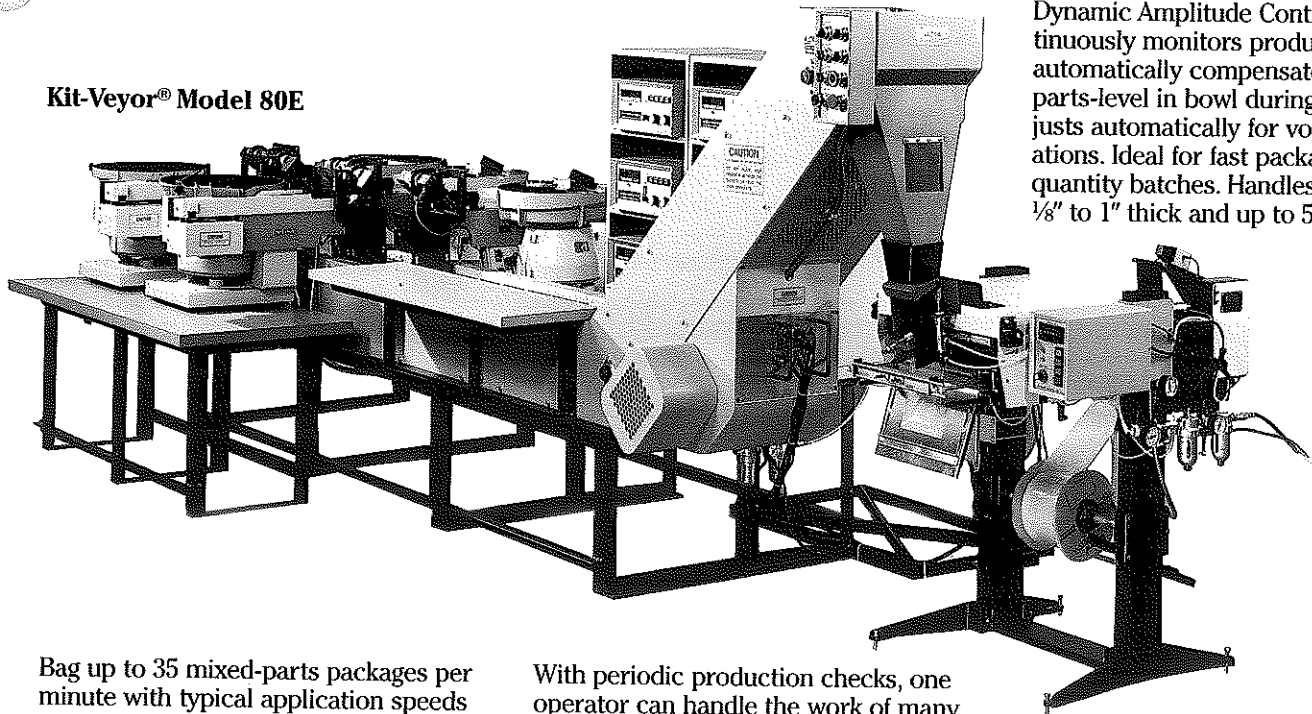
quires less floor space. Shown with two Accu-Count 118s, two Accu-Count 124 vibratory counters, and special T-funnel assembly.

Accu-Count® DAC-1000



High-Speed count-packaging system is dynamically controlled for maximum speed and accuracy. The DAC-1000's electronic feedback system increases speeds and reduces over- and under-counts (without the use of complicated diverting shoots). Dynamic Amplitude Control (DAC) continuously monitors product weight to automatically compensate for changing parts-level in bowl during run. Also adjusts automatically for voltage fluctuations. Ideal for fast packaging of small quantity batches. Handles parts from 1/8" to 1" thick and up to 5" long.

Kit-Veyor® Model 80E

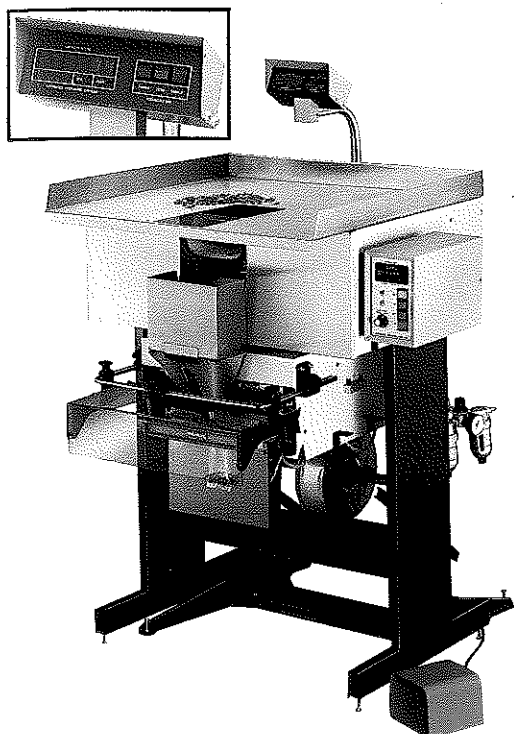


Bag up to 35 mixed-parts packages per minute with typical application speeds of 20 to 25 per minute. Kit-Veyor Model 80E kit packaging system saves up to 75% on labor costs. Custom systems include vibratory counters and collating-bucket conveyor for feeding kits to H-100 bagger.

With periodic production checks, one operator can handle the work of many packers. Often packaging rates increase 100% or more. Kit-Veyor systems provide fast payback – within a year or less in most cases. Shown here with two Accu-Count 124 counters, 3 Accu-Count 118 counters, hand load station, and T-Funnel assembly.

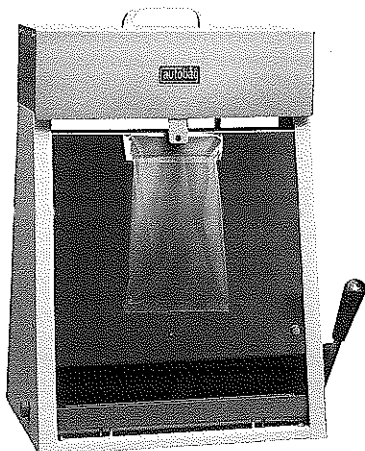
Modular Autobag® design provides you with a packaging system for your specific applications.

Accu-Scale® 200



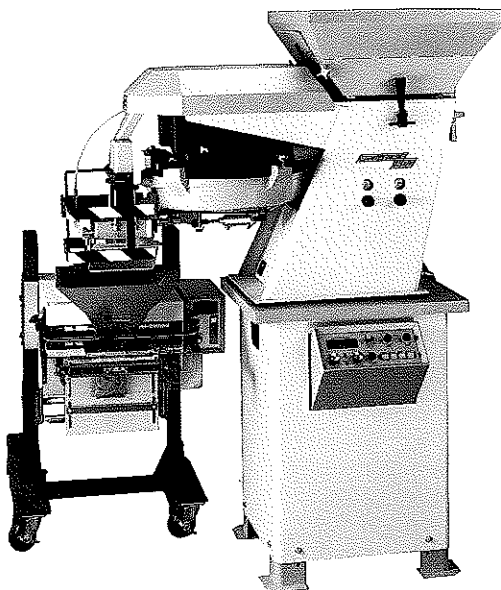
New high-sensitivity Accu-Scale 200 accurately counts most parts and remains precise even when counting small and lightweight items. Used with the Autobag® H-100 plastic bagger, the microprocessor controlled Accu-Scale 200 is a complete weigh-count packaging system. Overall sensitivity exceeds .1 gram. Provides batch weigh-counting to pre-determined quantities.

Autobag® H-25



The Autobag® H-25 is a compact and portable table-top packaging system. The H-25 provides manual loading and sealing of a variety of parts and product. The H-25 is an all electric unit which plugs into any ordinary 120 VAC grounded outlet.

Accu-Scale® 500



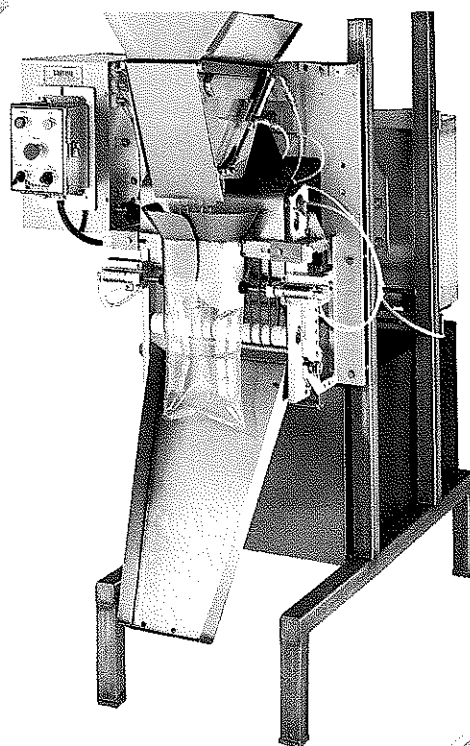
Accu-Scale 500 converts weights to units; weigh-counts large quantity batches and long runs. Gate opens for vibratory, bulk feeding then trickle feeds for final count accuracy. Sensitive to within one gram. Ideal for long runs and MRP/inventory applications.

Autobag® H-55A



The Autobag® H-55A is a compact table-top system that provides semi-automatic packaging of a wide variety of parts and product. Provides 10-18 pkgs/min. Unit automatically air opens each bag. Heat and dwell time control knobs regulate the H-55A impulse sealer to insure consistent seals.

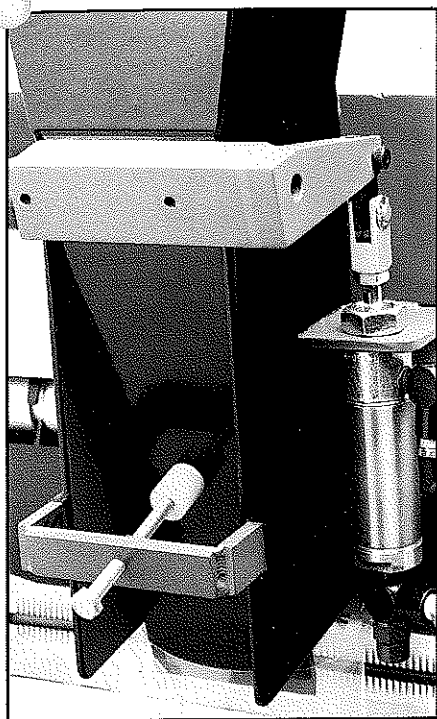
FAS 1000



The new FAS 1000, Food Application System is ideal for manual or automatic count packaging of a variety of food products including poultry products, I.Q.F. and MRB products, fresh and frozen foods etc. The system ties into existing processing or conveying equipment.

The Accu-Scale® 200, Food Grade, is ideal for precise count-weighing of a variety of food products. The H-100S Stainless Steel Bagger provides fast and easy packaging for various food applications. FAS 1000, Accu-Scale® 200 and the H-100S have received U.S.D.A. approval.

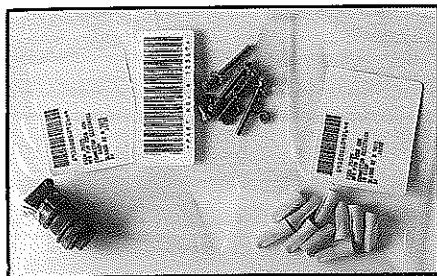
Accessories for special packaging requirements.



T-Funnel

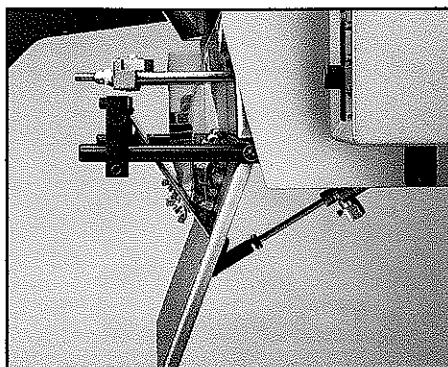
T-Funnel can increase parts packaging up to 60%.

The T-Funnel is an automatic, electronically controlled funnel specially designed for fast and accurate accumulating/batching of most parts. Positive entry feature allows funnel to directly enter bag assuring accurate parts loading and packaging; virtually eliminating the risk of parts spillage.



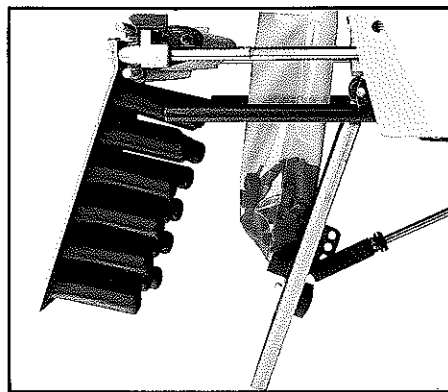
Autobag® H-100 Labeling Systems

Systems are available for affixing bar-coded labels to plastic packages. Labels for retail, military specifications, inventory control, warehouse distribution and bar code printing. Meets U.P.C. requirements. Also efficient for application of coupons. Automatic in-line labeling operations provide fast, low-cost performance.



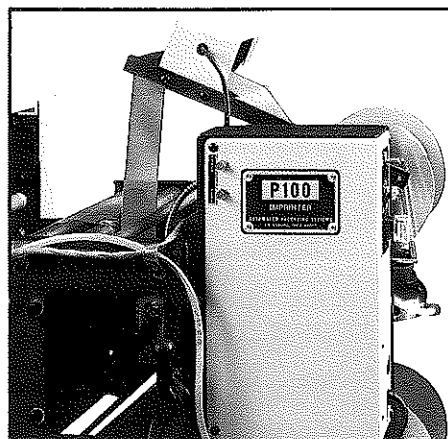
VL-100 Heavy Load Shelf

Retracting shelf provides support for packages weighing up to 5 lbs. (e.g. nuts, bolts and hardware).



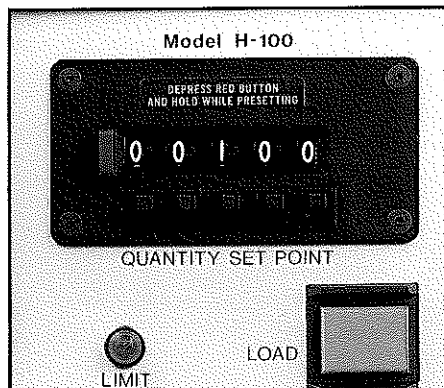
BD-100 Bag Deflator

Bag Deflator flattens package by removing air from bag before sealing.



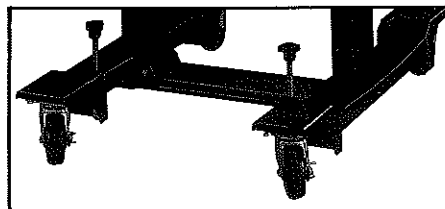
P-100 Imprinter

P-100 hot-stamp imprinter prints codes, dates and part numbers. 2" x 4" print area ... works off 1,000-ft. rolls of hot stamp foil. No inks, no smudging; foil packed and slit to required width. Quick type change utilizes easy snap-in/snap-out magnetized plate holders. Uses Addressograph® plates, bar-type, cast metal etchings, or combination.



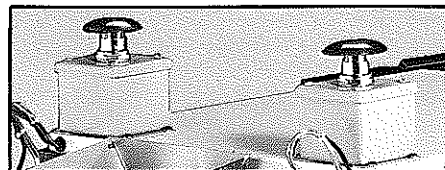
PC-100 Counter

Once pre-set number of packages is complete, H-100 stops bagging and limit light flashes. Re-set to resume packaging.



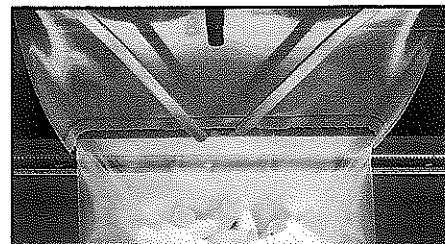
CA-100 Caster Assembly

Heavy-duty base structure with four casters for complete mobility throughout the plant.



Double-Palm Switches

Safety feature which replaces foot-switch activation of the H-100 bagger. When loading product without funnel, the double-palm switches, placed atop bagger, keep operators hands away from sealing area.



Bag Seal Flattener

Bag Seal Flattener provides a flatter more appealing seal when packaging bulky products. Fingers spread apart to hold top of bag taut during sealing. For use with standard and BLT-type H-100s.

The 'Total Systems' approach... Machinery, materials and service.



The result of this integration is a more effective packaging system. Automated has "in-house" skills to produce the genuine Autobag® pre-made bags on a roll. Facilities include art, plate-making, printing, extruding and equipment design and manufacturing. Automated is the world's largest producer of automatic, count-packaging and weigh-packaging systems.

Five plants. National technical service. Twelve showrooms where you can get a "hands on" system demonstration. Four spare parts centers for "off-the-shelf" parts delivery. Research. Resources. Results. That's Automated. Let us help you analyze and solve your packaging problems – call one of our offices listed below for a free packaging analysis.

Regional Offices

Southeast Region

Regional Office
3440 Oakcliff Road
Atlanta, GA 30340
(404) 451-8866

Eastern Region

Regional Office
621 Montrose Avenue
South Plainfield, NJ 07080
(201) 561-0800

Central Region

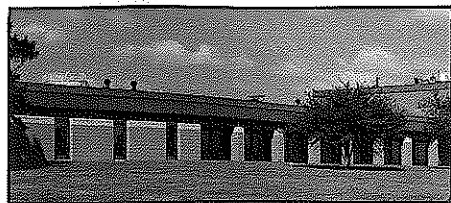
Regional Office
13555 McCracken Road
Garfield Heights, OH 44125
(216) 425-4242

Midwest Region

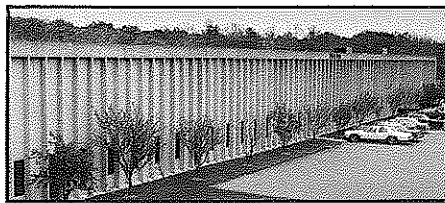
Regional Office
157 North Eisenhower Lane
Lombard, IL 60148
(312) 932-1454

Western Region

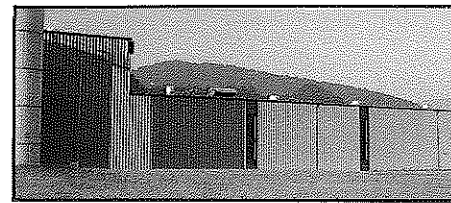
Regional Office
1350 North Knollwood Circle
Anaheim, CA 92801
(714) 527-4102



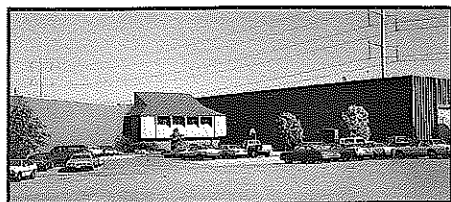
Corporate Offices and Main Plant Twinsburg, Ohio



Bedford Heights, Ohio



Keyser, West Virginia



Garfield Heights, Ohio



United Kingdom

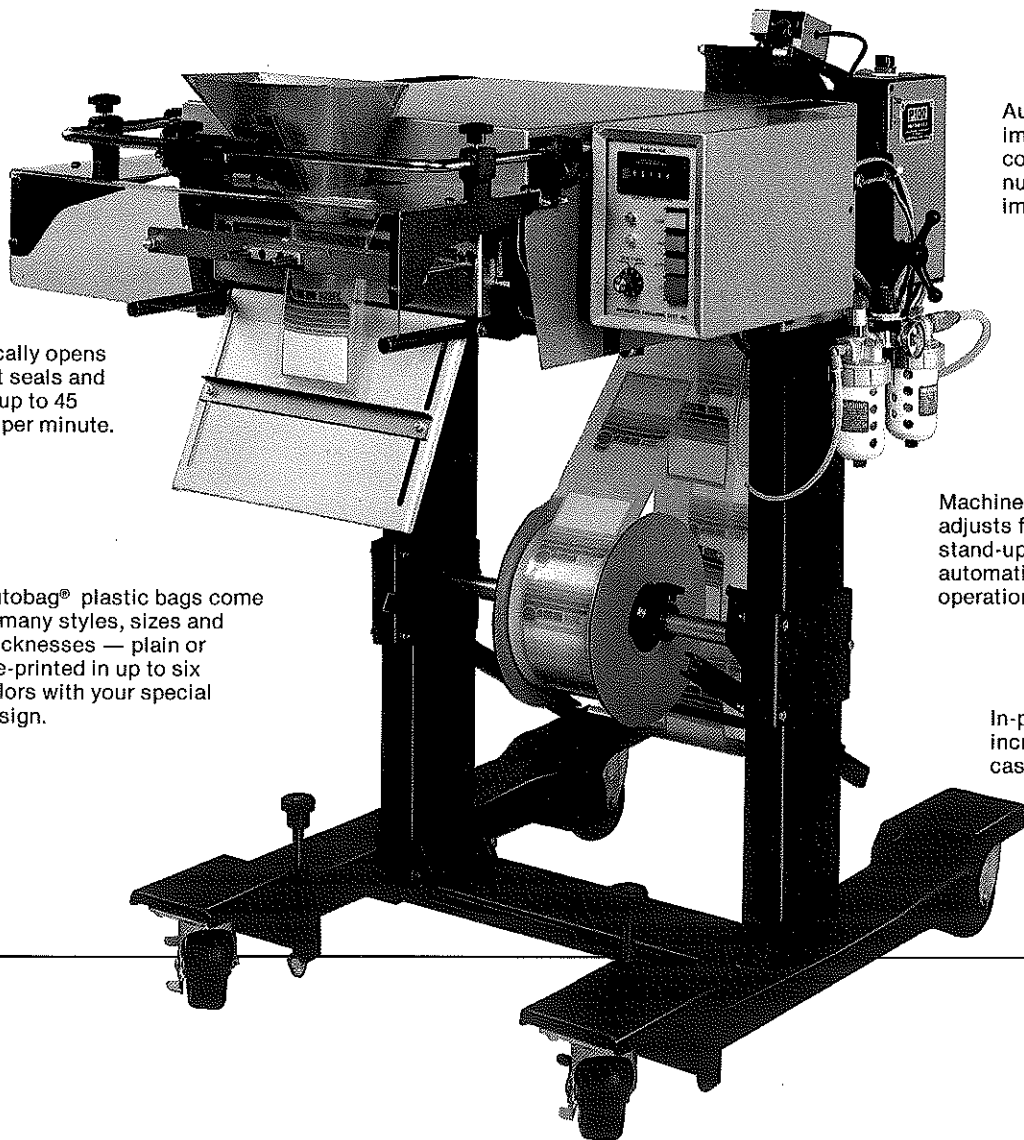


8400 Darrow Road, Twinsburg, Ohio 44087
(216) 425-4242 TWX 810-427-9205

The performance information indicated is based on testing and field results. The company assumes no liability whatsoever in connection with the use or findings contained herein.

LIT-710E

Reduce your plastic packaging cost now with high speed, simple AUTOBAG® SYSTEMS



Automatically opens bags, heat seals and detaches up to 45 packages per minute.

Autobag® plastic bags come in many styles, sizes and thicknesses — plain or pre-printed in up to six colors with your special design.

Automatic in-line imprinting of variable codes, dates and part numbers with optional imprinter.

Machine height manually adjusts for sit-down, stand-up or automatic feeding operations.

In-plant mobility is increased by optional caster assembly.

Autobag® H-100 packagers are the most successful bagging systems because of versatility, simplicity, speed and price.

The Autobag H-100 Bagger is an all purpose high-speed plastic packager. It dispenses Autobag plastic bags from a roll, opens and heat seals them automatically; rated up to 45 packages per minute with typical applications around 30-35 packages per minute. The modular concept of the H-100 permits

the addition of in-line imprinting, labeling, counting, weighing, and conveying equipment — everything you need for fast-payback, low-cost automatic packaging.

All types of Autobag H-100 Baggers utilize preformed Autobag® plastic bags on rolls in bag sizes up to 10½" wide x 22" deep, in standard thicknesses from .0015" to .004", with up to 7,500 bags per roll.

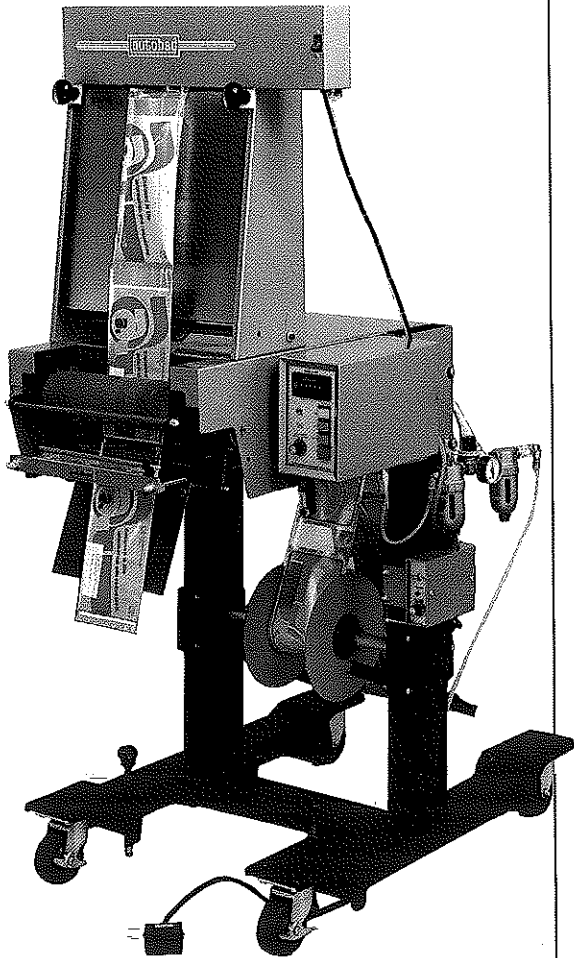
Custom bag construction and machine specifications are available for specific applications.

RECEIVED AUG 24 1984

Automated's automatic bagging systems can solve almost any packaging problem.

High-speed plastic packaging for thin, flat, hard-to-handle items.

The Autobag H-100 Vertical system is designed for hand-loading flat products such as decals, direct mail, circuit boards, etc. Handles items up to 1/8" thick. Top machine speed of 60 cycles per minute with typical application speeds of up to 30-40 per minute.

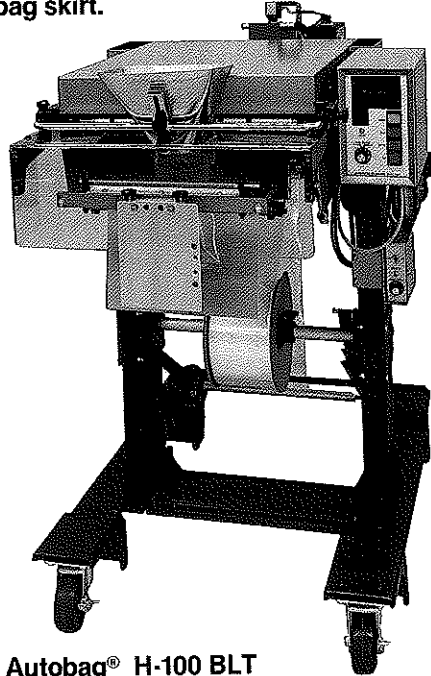


Autobag® H-100 Vertical

The H-100V allows the use of special bag design features such as hang-up holes, retail hang-up headers, compartment bags and vertical perforations.

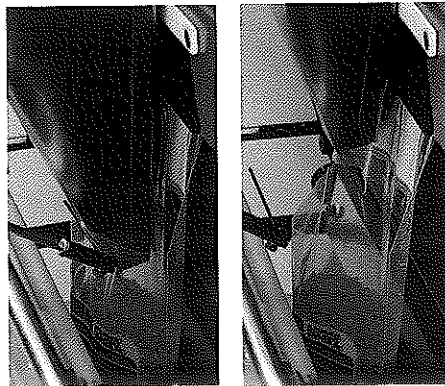
Autobag® plastic bag rolls spindle-mount for fast, simple change-overs from one bag size to another. Plain stock Autobag® plastic bags are rush shipped from our plant within 48 hours.

Flush-cut bagger provides neat retail package appearance by trimming off bag skirt.



Autobag® H-100 BLT

The Autobag Bottom Line Trimmer indexes, opens, and trim-seals packages. Bags can be ordered with pre-made headers and hang-up holes.

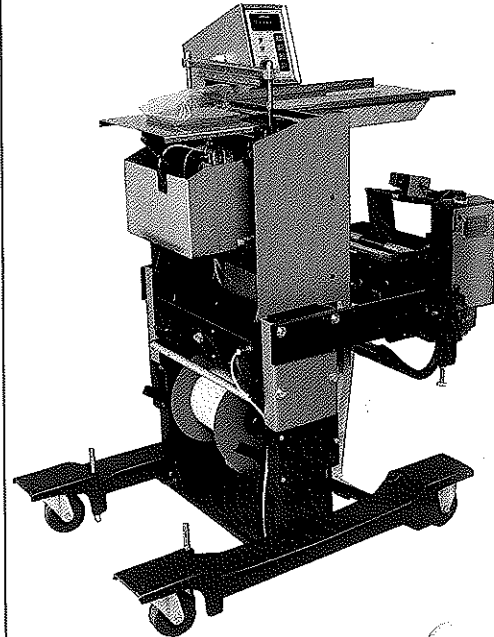


Autobag® H-100 FL

The Autobag H-100 Flow Loader system provides automatic positive feed packaging for free-flowing and granular products. The system is compatible with most fillers and conveyors.

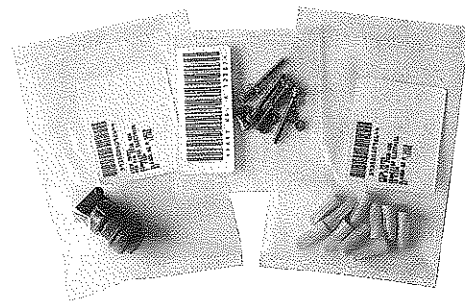
An H-100 FL funnel dips into open bag for feeding of product and withdraws for sealing. Retracting sensor makes sure bag is in position before signaling feeder to dump.

Autobag H-100 Horizontal packager is a hand-load system for multiple loose-stacked, crushable or other items that require special handling.



Autobag® H-100 Horizontal

The Autobag H-100 Horizontal Bagger operates like the standard H-100 but is modified for horizontal loading and sealing. Shown above with optional P-100 imprinter.

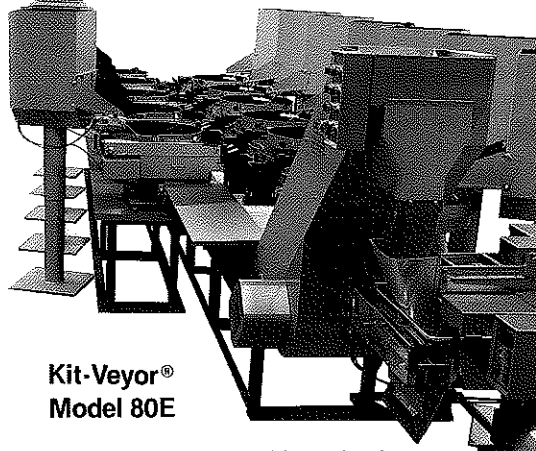


Autobag® H-100 Labeling Systems

Systems are available for affixing bar-coded labels to plastic packages — useful for meeting Dept. of Defense (D.O.D.), Inventory Control and U.P.C. requirements. Also efficient for application of coupons. Automatic in-line labeling operations provide fast, low performance.

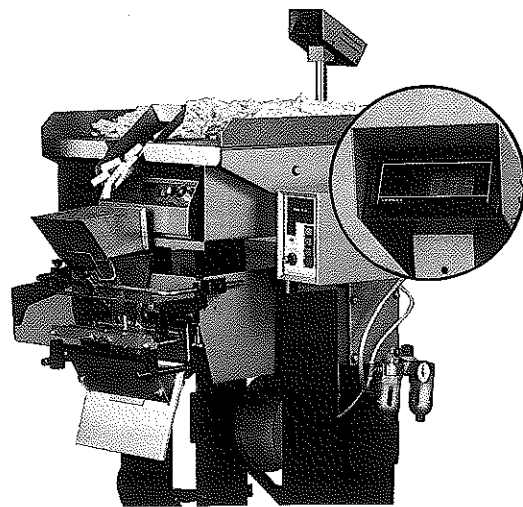
See for yourself how modular counters and weighers can multiply your packaging savings

Bag up to 25 mixed-parts packages per minute with typical application speeds of 18 to 22 per minute.



**Kit-Veyor®
Model 80E**

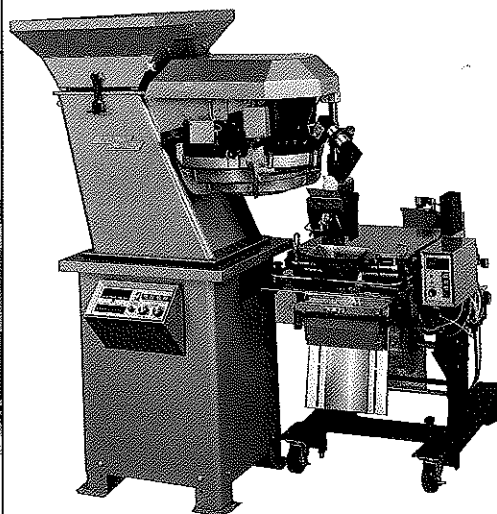
Kit-Veyor Model 80E kit packaging system saves up to 75% on labor costs. Custom systems include vibratory counters and collating-bucket conveyor for feeding kits to H-100 bagger. With periodic production checks, one operator can handle the work of many packers. Often packaging rates increase 100% or more. Kit-Veyor systems provide fast payback — within a year or less in most cases. Shown here with ten Accu-Count-124 counters, supply hoppers, and hand-load station.



Accu-Scale 100 "Flip-Scale" is a simple, fast and accurate system... weigh-counts and bags in-line.

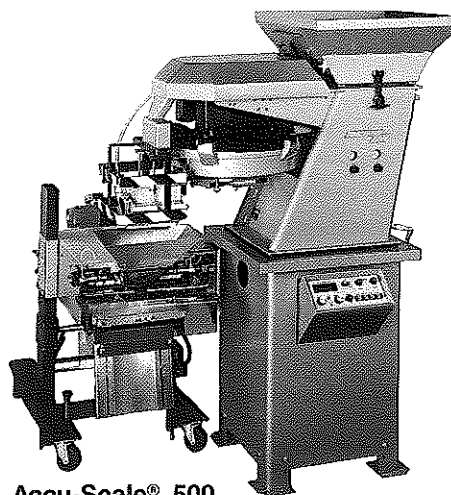
Unique flip-action tray feeds parts into bag for sealing. Electronic scale system converts weight of parts into number of bags for readout. Quick set-up for short runs. Also good for light and hard-to-separate items. Design allows addition of most standard in-line accessories.

High-speed count-packaging system is dynamically controlled for maximum speed and accuracy



Accu-Count® DAC-1000

The DAC-1000's electronic feedback system increases speeds and reduces over- and under-counts (without the use of complicated diverting shoots). Dynamic Amplitude Control (DAC) continuously monitors product weight to automatically compensate for changing parts-level in bowl during run. Also adjusts automatically for voltage fluctuations. Ideal for fast packaging of small quantity batches. Handles parts from 1/8" to 1" thick and up to 5" long.

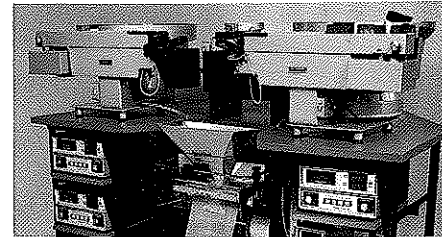


Accu-Scale® 500

Accu-Scale 500 converts weights to units; weigh-counts large quantity batches and long runs.

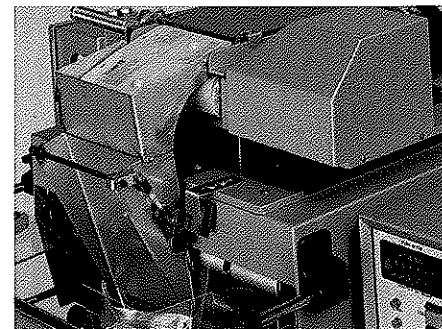
Gate opens for vibratory, bulk feeding then trickle feeds for final count accuracy. Sensitive to within one gram. Ideal for long runs and MRP/inventory applications.

U-Shaped table allows direct feeding of multiple counters for faster packaging rates and greater-cost savings.



"U-Shaped" Table

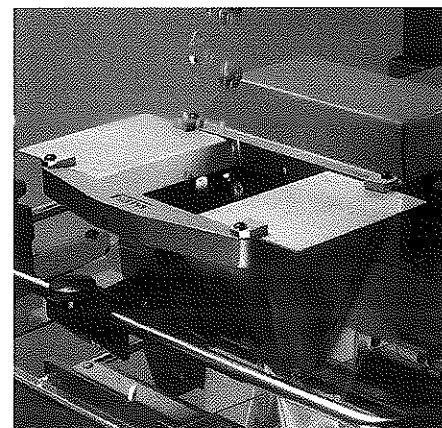
Table configuration accommodates a variety of Accu-Count systems and requires less floor space shown with two Accu-Count 118s, one Accu-Count 107 vibratory counter, and special over-sized funnel.



T-Type™ Funnel

T-Type accumulating funnel and over-the-top feed conveyor offers faster loading and better parts-to-bag loading orientation.

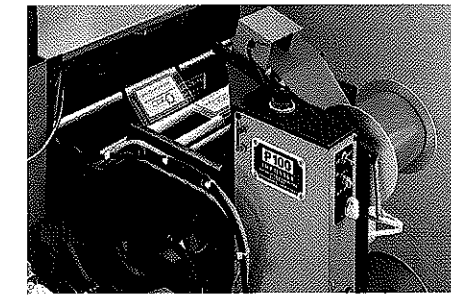
Ideal for automatic feeding of irregular shaped products that can't be fed with standard vibratory counters (e.g. typewriter reels, electrical outlet plates, etc.).



SN-100 Synchronization Funnel
Synchronization Funnel cycles H-100 sealer automatically after parts pass through electric eye.

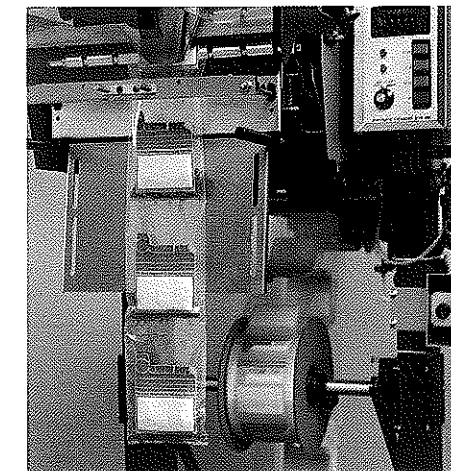
Accessories for special packaging requirements.

P-100 hot-stamp imprinter prints codes, dates and part numbers.



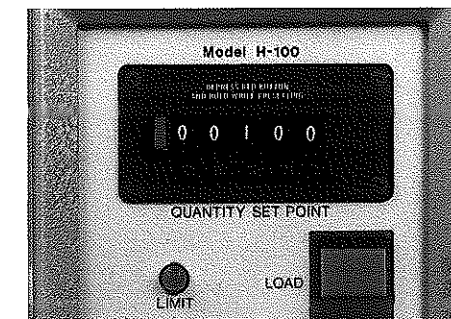
P-100 Imprinter

2" x 4" print area...works off 1,000-ft. rolls of hot stamp foil. No inks, no smudging; foil packed and slit to required width. Quick type change utilizes easy snap-in/snap-out magnetized plate holders. Uses Addressograph® plates, bar-type, cast metal etchings, or combination.



SR-100 Strip and Rip

Strip and rip control permits strip packaging of 1 to 24 finished packages per strip.

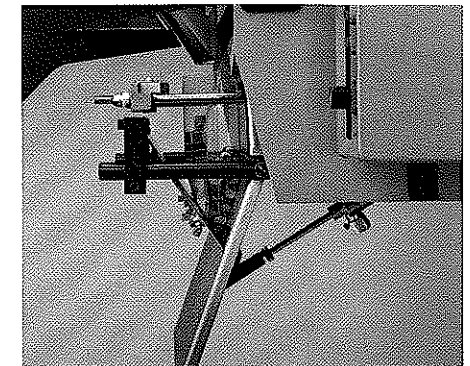


PC-100 Counter

Once pre-set number of packages is complete, H-100 stops bagging and limit light flashes. Re-set to resume packaging.

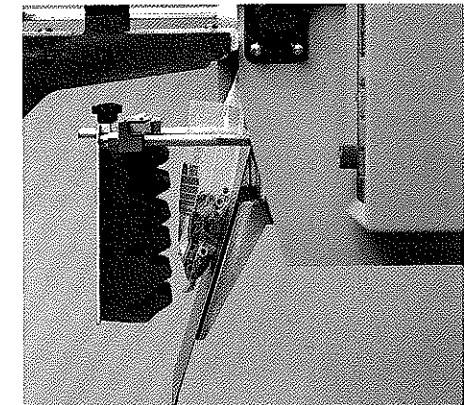
CR-100 counter

Counts number of completed packages. Resets by hand.



VL-100 Heavy Load Shelf

Retracting shelf provides support for packages weighing up to 5 lbs. (e.g. nuts, bolts and hardware).



BD-100 Bag Deflator

Bag Deflator flattens package by removing air from bag before sealing.



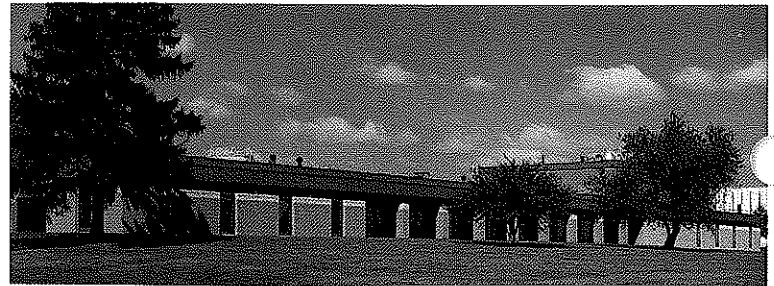
Bag Seal Flattener

Bag Seal Flattener provides a flatter more appealing seal when packaging bulky products. Fingers spread apart to hold top of bag taut during sealing. For use with standard and BLT-type H-100s.

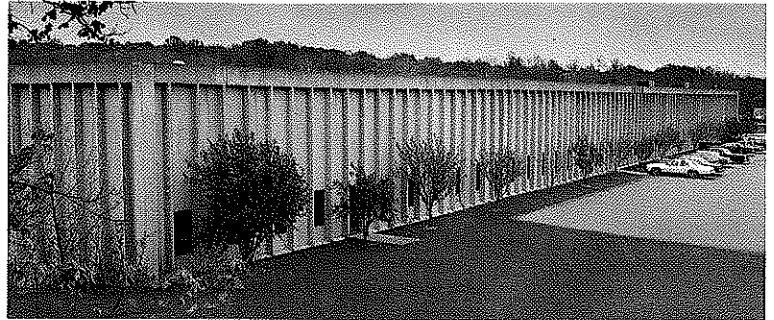
Film. Bags. Machines. Automated makes them all.

The result of this integration is a more effective packaging system. Automated has "in-house" skills to produce preformed polyethylene bags in up to six colors. Facilities include art, plate-making, printing, extruding and equipment design and manufacturing. Automated is the world's largest producer of automatic, count-packaging and weigh-packaging systems. Four plants. National technical service. Twelve showrooms where you can get a "hands on" system demonstration. Four spare parts centers for "off-the-shelf" parts delivery. Research. Resources. Results. That's Automated. Let us help you analyze and solve your packaging problems — call one of our offices listed below for a free Packaging Audit.

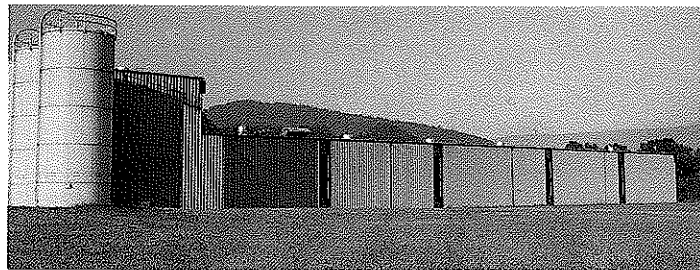
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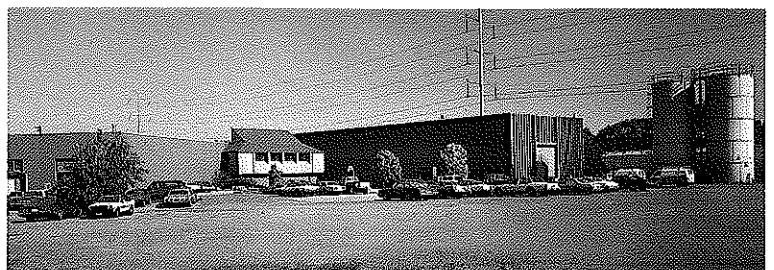
General Offices and Main Plant - Twinsburg, Ohio



Bedford Heights, Ohio



Keyser, West Virginia



Garfield Heights, Ohio

AUTOBAG® SYSTEMS SPECIFICATIONS

	Weight	Width	Depth	Height	Maximum Pass-through Area	Electrical	Air
Basic H-100 Bagger	220 lbs. 99.79 kg	24" 609.6 mm	30" 762 mm	30" to 41-1/2" max. (adjustable) 762 mm to 1,054 mm	3-1/4" 82.5 mm	117 VAC 60 Hz	80 PSI 5.62 Kg/cm ²
H-100 Vertical Bagger	220 lbs. 99.79 kg	24" 609.6 mm	30" 762 mm	55" to 67" max. 1,397 mm to 1,702 mm	1/8" 3.18 mm	117 VAC 60 Hz	80 PSI 5.62 Kg/cm ²
H-100 BLT Retail Bagger	220 lbs. 99.79 kg	24" 609.6 mm	30" 762 mm	30" to 41-1/2" max. (adjustable) 762 mm to 1,054 mm	3-1/4" 82.5 mm	117 VAC 60 Hz	80 PSI 5.62 Kg/cm ²
H-100 FL Flow Loader® Bagger	220 lbs. 99.79 kg	24" 609.6 mm	30" 762 mm	36" to 48" max. 914.4 mm to 1,219 mm	4" 101.6 mm	117 VAC 60 Hz	80 PSI 5.62 Kg/cm ²
H-100 T-Type Bagger	220 lbs. 99.79 Kg	24" 609.6 mm	30" 762 mm	30" to 41-1/2" max. (adjustable) 762 mm to 1,054 mm	3-1/4" 82.5 mm	117 VAC 60 Hz	80 PSI 5.62 Kg/cm ²
H-100 Horizontal Bagger	220 lbs. 99.79 Kg	19" 482.6 mm	34" 863.6 mm	39" 990.6 mm	3-1/4" 82.5 mm	117 VAC 60 Hz	80 PSI 5.62 Kg/cm ²

REGIONAL OFFICES

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(714) 527-4102

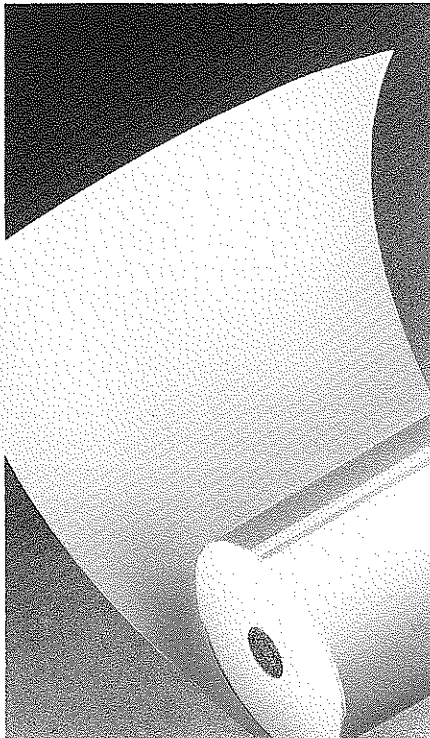
don't just
package
Automate



Filmproducts™

A PRODUCT OF AUTOMATED PACKAGING SYSTEMS

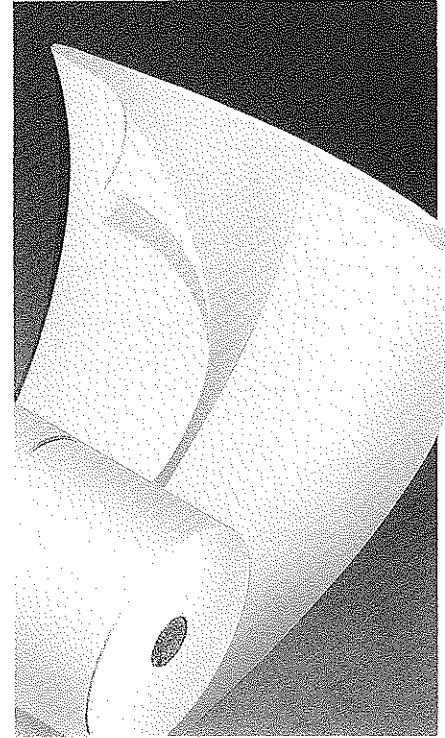
Competitively Priced, High Quality Films Configured and Printed to Your Specifications.



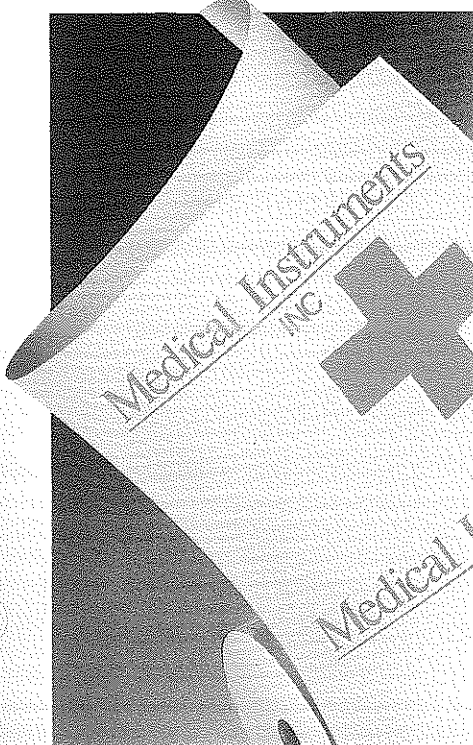
SWS 258 Single Wound Sheeting



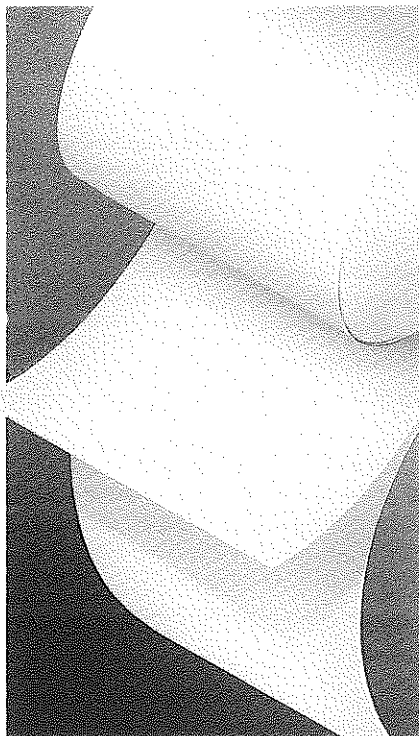
NWT 210 Narrow Width Tubing



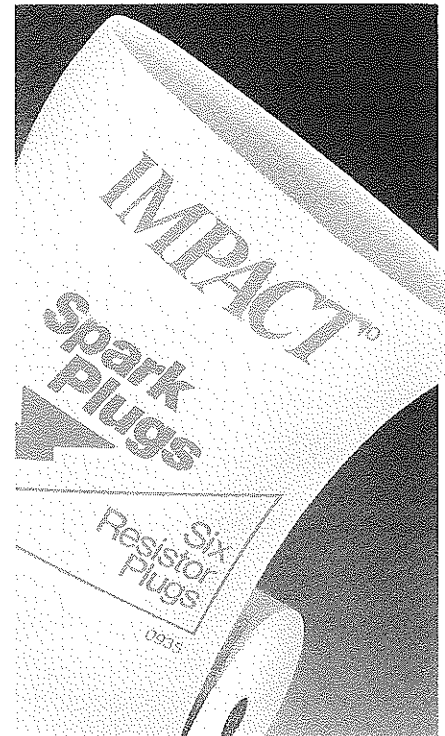
UFS 430 U Fold Sheeting



CFS 220 Centerfold Sheeting



DWS 416 Double Wound Sheeting



WWT 1030 Wide Width Tubing

Automated Packaging Systems film products...

...an outstanding value over a wide range of applications.

At Automated Packaging, we've been manufacturing, extruding, printing and converting films for over 25 years. We know the importance of specifications. We understand that today's high speed equipment requires precisely formulated films held to exact tolerances. That's why our materials are manufactured to YOUR specifications.

We employ Statistical Process Control (SPC) to deliver consistent, uniform material gauge, roll after roll. SPC assures the material quality level required by the customer to help maximize up-time and productivity.

We have long term contracts with resin suppliers. So even when market supply is short, we're able to deliver from any of our three plants. We supply films in a wide variety of configurations, grades, gauges and widths and can design, produce and print graphics in up to six colors, (process printing is also available). This combination makes Automated Packaging's Filmproducts™ the only source you'll ever need for films. All material is fully warranted and backed by each of our 24 representatives throughout the U.S.

Applications

- **film converters** — sheet, centerfold and tube films configured to specs for shopping bags, wicketed bags and general packaging needs.
- **metal extrusions** — narrow width tubing for needles, cabinet pulls, screws, connectors and fasteners.
- **red meats, frozen foods and candy** — F.D.A. approved, high clarity films for retail graphics and point-of-purchase display.
- **cutlery** — plastics or stainless steel cutlery films for airlines, hospitals, restaurants and institutional use.

- **medical** — gamma and ETO sterilizable films for syringe, transport tube, pharmaceutical and medical instrument packaging. Full sterilization materials available, upon request.

- **disposables** — polyethylene films for aprons, bibs, wardrobe bags and storage bags.

- **protective covers** — skin films for shipping protection for furniture, appliances and marine hardware.

- **Carpet manufacturers, wholesalers** — films offering superior soil resistance, shipping protection and medium slip.

Features

- for all form/fill/seal applications
- competitive pricing
- on-time delivery
- continuous film supply regardless of resin market conditions
- range of product grades including: liner, high clarity, low slip and super strength
- statistical process control ensures the consistently high film quality necessary for shorter set-up time, maximized up-time and minimum scrap
- fully staffed art department for graphic design and production services
- flexographic printing of up to six colors
- engineering design consultation service to maximize yields
- manufactured to YOUR specifications

Specifications dimensional data

width range —
2" (51mm) to 58" (1473 mm)
gauge range —
.75 mil to 12 mil (Std.) and in incremental sizes
roll size range —
8" (203 mm) to 28" (711 mm)
O.D.; special order up to 48" (1219 mm)

cores —

all 3" (76 mm) I.D.; 6" (152 mm) I.D. by special quotation

yield information

gauge (mil)	sq. in/lb
1.00	30,000
1.25	24,000
1.50	20,000
2.00	15,000
2.50	12,000
3.00	10,000
4.00	7,500
5.00	6,000
6.00	5,220
7.00	4,285

film configurations

- single wound sheeting
- wide tubing
- narrow width tubing
- "C" fold sheeting
- double wound sheeting
- "U" fold sheeting

materials

- low density polyethylene
- linear low density polyethylene
- shrink polyethylene
- varying EVA levels per customer specifications
- super-strength films
- special copolymers available by special order

available film options

- tints
- opaques
- clear and opaque combinations
- flexographic printing up to 6 colors
- process printing also available

Discover ultimate value in Filmproducts for form/fill and seal systems. Call us Toll Free at 1-800-331-4414.

Automated PACKAGING SYSTEMS

8400 Darrow Road, Twinsburg, Ohio 44087
(216) 425-4242 • FAX (216) 425-3702

Just-in-time Stock Bag Program



Reduce out-of-stock shortages, inventory expense, downtime and overall bag costs with one toll-free phone call.

With Automated Packaging's "Just-In-Time" Stock Bag Program you can choose the bag size that's right for your application and receive your

shipment *Just-In-Time*. Just select from over 100 "stock" sizes in a range from 2" x 2" to 10½" to 15" and we'll ship within 48 hours of your call.

Autobag® plain, polyethylene Bags-on-a-roll are preformed, preopened bags for automatic or semiautomatic

loading and fast, clean package detachment. Used with Autobag machinery, they allow for easy system set-up and operation, quick changeover and maximum uptime. Remember, one toll-free call gets you the bags you need, *Just-In-Time!*



A PRODUCT OF AUTOMATED PACKAGING SYSTEMS

Select From Over 100 Stock Sizes of Autobag Polyethylene Bags-on-Rolls.

Part No.	Width	Length	Gauge	Bags Per Roll
100	2.00	2.00	Light Duty	7000
110	2.00	2.00	Standard Duty	5500
150	2.00	3.00	Light Duty	4500
160	2.00	3.00	Standard Duty	4000
180	2.00	4.00	Light Duty	4000
190	2.00	4.00	Standard Duty	3000
210	2.00	6.00	Standard Duty	2000
220	2.00	7.50	Light Duty	2000
230	2.25	4.00	Standard Duty	3000
240	2.50	2.50	Light Duty	5000
250	2.50	3.00	Light Duty	4500
260	2.50	3.50	Light Duty	4000
270	2.50	4.00	Light Duty	4000
280	2.50	4.50	Standard Duty	3000
282	2.50	5.00	Light Duty	3000
283	2.50	5.00	Standard Duty	2250
287	2.50	7.00	Light Duty	2000
290	2.50	8.00	Standard Duty	1500
320	3.00	3.00	Light Duty	4500
330	3.00	3.00	Standard Duty	4000
340	3.00	3.00	Extra-Tuff	3000
360	3.00	4.00	Light Duty	4000
370	3.00	4.00	Standard Duty	3000
380	3.00	4.00	Extra-Tuff	2000
390	3.00	4.00	Super-Tuff	1500
400	3.00	5.00	Light Duty	3000
410	3.00	5.00	Standard Duty	2250
420	3.00	5.00	Extra-Tuff	1500
430	3.00	5.00	Super-Tuff	1250
460	3.00	6.00	Standard Duty	2000
470	3.00	6.00	Extra-Tuff	1500
495	3.00	8.50	Light Duty	2000
500	3.00	11.00	Light Duty	1250
520	3.50	4.00	Standard Duty	3000
535	3.50	4.50	Light Duty	3250
540	3.50	5.00	Light Duty	3000
550	3.50	5.00	Standard Duty	2250
560	3.50	5.50	Light Duty	3000
570	3.50	5.50	Standard Duty	2000
575	3.50	6.00	Light Duty	2500
580	3.50	6.50	Light Duty	2500
590	3.50	9.00	Standard Duty	1250
600	4.00	4.00	Light Duty	4000
610	4.00	4.00	Standard Duty	3000
612	4.00	4.00	Extra-Tuff	2000
620	4.00	4.00	Super-Tuff	1500
630	4.00	5.00	Light Duty	3000
640	4.00	5.00	Standard Duty	2250
650	4.00	5.00	Extra-Tuff	1500
660	4.00	5.50	Light Duty	2500

Part No.	Width	Length	Gauge	Bags Per Roll
710	4.00	6.00	Light Duty	2500
720	4.00	6.00	Standard Duty	2000
730	4.00	6.00	Extra-Tuff	1500
740	4.00	6.00	Super-Tuff	1000
743	4.00	6.50	Standard Duty	2000
746	4.00	7.00	Light Duty	2000
750	4.00	8.00	Light Duty	1750
760	4.00	8.00	Standard Duty	1500
765	4.50	5.00	Standard Duty	2250
670	4.50	5.50	Standard Duty	2000
680	4.50	5.50	Extra-Tuff	1500
690	4.50	6.50	Extra-Tuff	1200
768	5.00	4.50	Light Duty	3250
770	5.00	5.00	Light Duty	3000
775	5.00	5.00	Standard Duty	2250
780	5.00	5.00	Extra-Tuff	1500
810	5.00	6.00	Light Duty	2500
815	5.00	6.00	Standard Duty	2000
820	5.00	6.00	Extra-Tuff	1500
830	5.00	7.00	Light Duty	2000
840	5.00	7.00	Standard Duty	1750
850	5.00	7.00	Extra-Tuff	1250
860	5.00	7.00	Super-Tuff	1000
870	5.00	8.00	Standard Duty	1500
880	5.00	8.00	Extra-Tuff	1000
890	5.00	9.00	Extra-Tuff	1000
900	5.00	10.00	Standard Duty	1250
910	5.00	11.00	Light Duty	1250
920	6.00	6.00	Light Duty	2500
950	6.00	6.00	Standard Duty	2000
955	6.00	6.00	Extra-Tuff	1500
960	6.00	6.00	Super-Tuff	1000
965	6.00	6.50	Light Duty	2500
970	6.00	7.00	Light Duty	2000
980	6.00	7.00	Extra-Tuff	1250
990	6.00	8.00	Light Duty	1750
1000	6.00	8.00	Standard Duty	1500
1010	6.00	8.00	Extra-Tuff	1000
1020	6.00	8.00	Super-Tuff	750
1025	6.00	9.00	Light Duty	1500
1030	6.00	10.00	Standard Duty	1250
1035	6.00	10.00	Super-Tuff	500
1040	6.50	7.00	Light Duty	2000
1050	6.50	8.00	Light Duty	1750
1060	7.00	8.00	Standard Duty	1500
1065	7.00	8.00	Super-Tuff	750
1070	7.00	8.50	Standard Duty	1250
1073	7.50	9.00	Standard Duty	1250

Part No.	Width	Length	Gauge	Bags Per Roll
1076	8.00	10.00	Light Duty	1500
1080	8.00	10.00	Standard Duty	1250
1090	8.00	10.00	Extra-Tuff	750
1095	8.00	10.00	Super-Tuff	500
1100	9.00	12.50	Standard Duty	1000
1150	9.00	12.50	Extra-Tuff	600
1160	9.00	12.50	Super-Tuff	400
1170	9.00	14.00	Super-Tuff	350
1180	10.50	15.00	Super-Tuff	350

Specialty Stock Bags

Bag with Horizontal E-Z Open Perforation				
940	6.00	6.00	Light Duty	2500

Bags with Vertical E-Z Open Perforation				
1140	3.50	10.00	Light Duty	1500
1200	6.00	6.00	Light Duty	2500
1210	6.00	8.00	Light Duty	1750

Bag with Horizontal E-Z Open Perforation and Printed White Block				
1130	2.25	3.50	Light Duty	4000

Clear back with White Opaque front

410 WF	3.00	5.00	Standard Duty	2250
610 WF	4.00	4.00	Standard Duty	3000
720 WF	4.00	6.00	Standard Duty	2000
1000 WF	6.00	8.00	Standard Duty	1500

Stat-Gard® Anti-Static bags

640SG	4.00	5.00	Standard Duty	2250
840 SG	5.00	7.00	Standard Duty	1750

For more information on the Just-In-Time Stock Bag Program write to us or call toll free 1-800-527-0733.

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