

BAGGING MATTERS

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WC Fittings
Ball Valve Washer Set

• A wide choice for all your plumbing requirements



 **Automated**
PACKAGING SYSTEMS





Our range of Autobag equipment provides flexibility and efficiency to a range of industries where customers are improving their productivity. Whether stepping up from hand bagging or integrating into fully automated lines, we have an Autobag solution that will exceed your requirements.



The protective packaging solution that reduces your transport costs while ensuring that products are transported securely. Whether your requirement is void-fill, wrapping, protection or block and brace our solutions are efficient and cost effective.



High capacity hand packaging or automatic infeeding. SidePouch offers packaging versatility and flexibility for a wide range of industry sectors.

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2014 will mark the 30th anniversary of our company's UK manufacturing facility. From its lowly days as a small unit in Ledbury, APS UK has evolved into the purpose-built 200,000 sq ft European headquarters, which is now located in Malvern.

This year our plans include a number of exciting developments including the introduction of new accessories for AirPouch®, further advances into the Autobag® mail order fulfilment sector, and some breakthroughs into the food packaging market, through our stand-up pouch offerings.

In our production facilities, the focus will be on scrap reduction, continuous improvement, and meeting customer expectations. In short, a continuation of what we have aimed to achieve over the past 30 years.

by Peter Wylie
Managing Director
APS Europe

INTRODUCTION



Pack 80 bags per minute with the AB 180 system.

CASE STUDY

Prysmian increases productivity three-fold, overnight

Prysmian is at the high-tech end of communications, supplying optical network solutions to meet the world's increasing appetite for online content. Its UK facility manufactures, packs and dispatches the fibre optic cable, splicing, patching and terminal kits needed to bring high-speed communication into homes.

"We used to hand bag the fixings for our kits," explains materials planner Alan Phelps. "On average we could pack two standard kits a minute, each containing a couple of screws, screw caps and rawl plugs. But with demand increasing, kit bagging was commonly a bottle neck.

"In 2011 we switched to a semi-automated system and increased productivity three-fold overnight- a custom-engineered Autobag AB 180."

The AB 180 has been packing around 50 lines for almost two years, reliably and, above all, cost effectively- delivering savings of around £19,000 per annum, achieving a return on investment in under two years.

"We pack kits to store to ensure that we can keep lead times short. The AB 180 is packing up to 420 kits per hour and yet it's incredibly easy to use. We rely on a mix of permanent and contract labour to maintain flexibility, and we can train a new operator on the bagging system in minutes. It's quick and easy to switch bags, and the bowl feeders and Maximizer tray help us ensure kit quality."

Colour AutoTouch™ control screen interface: 250mm screen, offers operator tutorials, data storage, help system and diagnostics

Packs 80 bags per minute and changes bag sizes easily in less than 2 minutes



AB 180

SUMMARY

MAXIMUM FOOTPRINT
940 x 1540 mm

BAG SIZE
W 50 - 275 mm
L 63 - 550 mm

SPEED
80 bags per minute

STANDARD FEATURES

- AutoTouch Control Screen
- On-board memory stores job data ready for recall at a later time
- Change bag sizes easily in less than 2 minutes
- Product Load Shelf to support heavier products

TYPICAL APPLICATIONS

- Automotive & appliance parts
- Hardware & electrical
- Hobby & craft
- Jewellery & novelty items
- Cosmetics & beauty aids

“ We switched to a semi-automated system and increased productivity three-fold overnight ”

PS 125 tabletop bagger - designed for hand load applications.



CASE STUDY

Gripple redeploys £100,000 worth of labour costs per annum

The Problem

Sheffield-based Gripple is an award-winning manufacturer of patented engineering devices including the original Gripple fence tensioner. As part of its drive to continually improve efficiency, Gripple wanted to make and pack machine-side to reduce lead times and labour costs.

The Solution

Gripple purchased ten Autobag PS 125 OneStep™ Desktop bagging systems and installed them alongside its wire finishing machines. Instead of sending finished, coiled wire to the packing zone to be bagged in kits with Gripple tensioners, ground anchors and tools, the kits are now packed by the wire finishing machine operator at the point of manufacture.

The Result

- A complete step has been taken out of the kit production process
- Labour worth £100,000 per annum has been redeployed
- Lead times from order to dispatch have been reduced
- Stocks of finished product have been cut
- All instructions are now printed direct onto the bags replacing the old method of printing separate labels and attaching to the bag by hand.

Use the simple Push-to-Seal mode or choose the standard footswitch for hands-free bag sealing



Option with printer available



PS 125 OneStep

SUMMARY

MAXIMUM FOOTPRINT
480 x 560 mm

BAG SIZE
W 50 - 265 mm
L 100 - 420 mm

SPEED
25 bags per minute

STANDARD FEATURES

- Available with or without printer
- Small footprint, 550mm x 480mm, frees up valuable tabletop space
- Stores up to 10 jobs in memory for rapid recall
- Automatic bag sealing and indexing

TYPICAL APPLICATIONS

- Automotive & appliance parts
- Hardware & electrical
- Hobby & craft
- Cosmetics & beauty aids

“ A complete step has been taken out of the kit production process ”

Pack fragile food with the FAS SPrint Revolution.

CASE STUDY

Fresno packs 30,000 bags of fresh fruit per day for next day delivery

California-based Fresno Produce is achieving blockbusting productivity improvements with the help of the FAS SPrint Revolution.

Fresno Produce originally hand-bagged its individual servings of fruits and vegetables for school lunches. The firm used zippered bags but realised that in order to maintain or grow the business they needed to automate.

Automated Packaging Systems evaluated the entire packaging process and looked into Fresno Produce's operating requirements. An FAS SPrint bagging system proved to be the answer.

"The system is helping my company a great deal," says Bon Phouthavong, general manager of Fresno Produce. "It saves a lot of time and money." The packing system quickly proved its value after

orders doubled in size and Fresno Produce now typically packs 30,000 bags per day for next day delivery.

A key feature of the system is its safe, reliable operation. It's also easy to set-up, clean and maintain. Fresno Produce normally operates the unit six days a week.

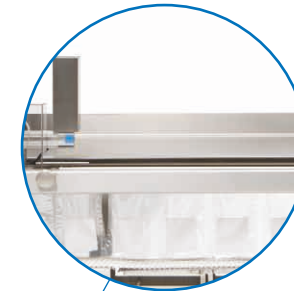
Phouthavong praises the machine and says it has made the firm more productive. "Now it's easy for us," he notes. "We put the fruit or vegetables on the table, the machine opens the bags, the food goes into the bag and it counts down by itself."

Fresno Produce has achieved solid market growth with its line of packaged fruits and vegetables. The firm expects sales to grow significantly due to the improved productivity.

Advanced sealing system ensures consistent, high-quality bag seals



Corrosion-resistant, stainless steel construction for daily washdown procedures



FAS SPrint Revolution

SUMMARY

MAXIMUM FOOTPRINT
1190 x 4500 mm

BAG SIZE
W 50 - 500 mm
L 75 - 475 mm

SPEED
22 metres per minute

STANDARD FEATURES

- Operates at speeds up to 22 metres per minute
- Adjustable 1.5m load area accommodates multiple infeed configurations
- Entire system mounted on casters for mobility
- Footswitch for manual bag indexing

TYPICAL APPLICATIONS

- Frozen foods
- Meat, poultry, fish and meat by products
- Fresh produce, fruits and vegetables

“ The system is helping my company a great deal - it saves a lot of time and money ”

The Mail Order Fulfillment bagger revolutionises pick-and-pack operations.

CASE STUDY

A team of technical service engineers offer 60 years of experience

2013 online sales underline the importance of an effective order fulfilment operation, with capacity and reliability remaining hot topics.

Automated Packaging Systems prides itself on the service and support offered to its mail order fulfilment customers, exceeding their targets for reliability and offering a real opportunity for 3PL and independent companies to increase capacity at key times.

A team of technical service engineers, all skilled and equipped with key-parts for the modular packing systems, are available to reach any part of the UK. Between the four of them they have 60 years experience keeping equipment in peak condition and, when there is a breakdown, getting it back up and running fast.

"In 30 years we haven't lost a single customer because of poor service. In that time

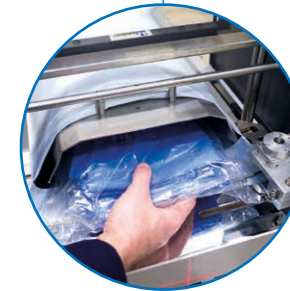
we've had one or two very difficult situations to deal with, but our customers know we'll move heaven and earth to get them up and running, and that counts for a lot." explains head of Customer Service Jim Lockyear.

With its Total Systems Approach, the service team is involved early on in the installation process to ensure that each system is carefully matched to customer applications, installed correctly, training is implemented and regular routine maintenance is carried out.

Technical workshops offer customers a chance to send staff to the training centre in Malvern to learn routine maintenance as well as operating skills, enabling customers to maintain productivity and increase profitability.

No labels required, address details printed direct onto the Autobag

Easy to use and easy to integrate with most warehouse management systems



Easy load area which can handle bags up to 400mm wide

AB 255 Mail Order Fulfillment

SUMMARY

MAXIMUM FOOTPRINT
1010 x 2610 mm

BAG SIZE
W 125 - 400 mm
L 140 - 685* mm
**with 25mm seal point*

SPEED
30 bags per minute

STANDARD FEATURES

- Integrated order preparation table and take-away conveyor for a complete pack bench solution
- On-board memory stores job data ready for recall at a later time
- Colour AutoTouch™ control screen interface: 25cm screen, offers operator tutorials, data storage, help system and diagnostics

TYPICAL APPLICATIONS

- Clothing
- Shoes
- Multimedia products
- Household items

“ In 30 years we haven't lost a single customer because of poor service ”

Air pillows on demand with the AirPouch Express 3 system.

CASE STUDY

Culpitt swaps messy loose fill for air pillows, cutting costs and saving space in the process

Culpitt, the leading wholesaler and manufacturer of cake decorating and sugarcraft products, has cut costs and increased efficiency by installing four AirPouch Express 3 systems.

Designed to deliver void-fill packaging on-demand, the AirPouch Express 3 can be operated in semi or fully automatic modes. Material feeds from a box, not a roll, lessening storage space requirement, reducing changeover time and minimising operator lifting.

Culpitt originally used loose fill to protect goods in transit. Loose fill material was stored in silos and travelled to the packaging area through an inefficient system. It proved hard to handle, messy and unpopular with packers and customers.

After trialing an AirPouch Express 3 system, the company was impressed with how easy-to-use, efficient and cost-effective it was and had four systems installed.

Culpitt invested in a new packaging facility with four packing stations dispensing AirPouch pillows through blowers, towers and hoppers, all controlled automatically.

Culpitt now enjoys a regular routine maintenance programme from Automated Packaging Systems, ensuring maximum uptime to create an efficient and cost effective packing process.

Boxed material means less reloading, reduced lifting and reduced storage space

Unique EZ-Tear perforations mean less operator effort to separate cushions and greater productivity

AirPouch Express 3

SUMMARY

MAXIMUM FOOTPRINT
220 x 520 mm

PILLOW SIZES
200mm wide in various standard lengths

SPEED
15 metres per minute

STANDARD FEATURES

- EZ-Tear perforations for easy separation and handling
- Produces air filled cushions at a rate of 15 linear metres per minute
- Portable, all-electric table top design requires no compressed air
- Knifeless system

TYPICAL APPLICATIONS

- Mail order fulfilment
- Electronic supply
- Automotive
- Pharmaceutical
- Office supply

“ Culpitt cut costs and increased efficiency by installing four AirPouch Express 3 systems ”





FastWrap bubble and tube quilt – compact, ultra-light and cost-effective protective packaging.



CASE STUDY

A wider material now available - a practical solution for large applications

FastWrap protective quilt is now available in a new 600mm width. The patent pending honeycomb design allows for multi-directional wrapping and offers a practical solution for large applications.

Colin Gunnell, AirPouch specialist explains: "It's great for larger items. You use less material than you would with standard wrap so it works out to be very cost effective. The 600mm material can be inflated using an existing FastWrap system with only minor modifications. It's easy to set-up and simple to operate, increasing productivity even in challenging applications where high degrees of protection are required."

AirPouch FastWrap can produce inflated quilt up to 19 metres per minute, helping

to speed up the process of wrapping, interleaving and general protective packaging applications.

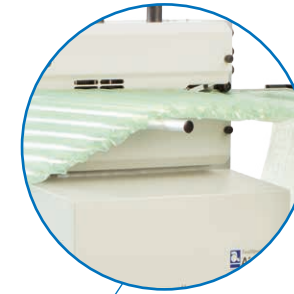
"It's made from 35 micron LDPE film which is available in oxodegradable, reprocessed, anti-static or HD barrier film – ideal for heavy duty use," notes Colin.

Similar to other FastWrap products, the 600mm material remains soft to the touch and contains high quality seals for excellent air retention and durability.

FastWrap uses knifeless technology, reducing the risk of RSI, and one box of 600mm material generates 396 linear metres of protective packaging, increasing productivity.

One small box of FastWrap generates more than 422 linear metres of protective packaging

All-electric system operates at 19 metres per minute



Optional machine stand and automatic film winder

FastWrap

SUMMARY

MAXIMUM FOOTPRINT
440 x 250 mm

MATERIAL SIZE - QUILT
300 mm width
533m per box (uninflated)

600 mm width
396m per box (uninflated)

MATERIAL SIZE - TUBE
350 mm width
533m per box (uninflated)

SPEED
19 metres per minute

STANDARD FEATURES

- All electric design, does not require compressed air
- Reliable equipment, minimal maintenance requirement
- Compact design, small footprint
- Fast operation, up to 19 metres per minute

TYPICAL APPLICATIONS

- Electrical components
- Automotive aftermarket
- Cosmetics and health & beauty
- Hobby & craft products
- Glass & giftware
- Pharmaceutical and medical supplies

“ You use less material than you would with standard wrap so it works out to be very cost effective ”

THE COMPLETE OFFERING

Autobag®



AB 180

Packs 80 bags per minute



AB 180 OneStep

Packs 50 bags per minute,
with printer



AB 180 + PI 412c

Packs 80 bags per minute,
with printer



AB 255

Packs bags up to 400mm
wide and 660mm long



AB 255 OneStep

Packs bags up to 400mm
wide and 660mm long,
with printer



AB 255 Mail Order Fulfillment

Mail order fulfilment



PS 125

Hand-load applications



PS 125 OneStep

Hand-load applications,
with printer

AirPouch®



Express 3

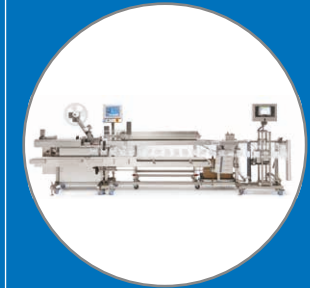
Void-fill air pillows



FastWrap

Protective packaging

SidePouch®



FAS SPrint Revolution

Food packaging

SYSTEM MATCHED MATERIAL



Low density polyethylene
Anti-corrosion
Static dissipative
Metal shielding
Oxodegradable
Mail order fulfilment
Ultraviolet inhibitor



Low density polyethylene
Polypropylene
Anti-corrosion
Oxodegradable
Mail order fulfilment



Low density polyethylene
EX premium low density polyethylene
Oxodegradable
Oxodegradable reprocessed
Reprocessed
Anti-static



Low density polyethylene
Heavy duty premium low density polyethylene
Oxodegradable
Reprocessed
Anti-static

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