



YORKSHIRE PACKAGING SYSTEMS

TRANSIT SHRINK WRAPPING MACHINES

THE COMPLETE SOLUTION

WE ARE YPS.

WORLD LEADING SHRINK WRAPPERS FOR TRANSIT APPLICATIONS.

When your goods enter the distribution channel, they are often subjected to a whole host of external stressors which could compromise their integrity and appearance. Deformation, water ingress, damage from scratches, marks from dust and dirt or items going missing from multipacks; all are common complaints following the shipment of goods and sure-fire ways to leave your customers unhappy. Take back control and protect your products adequately and effectively from the rigours of transportation with a shrink wrapping solution from YPS.

Using polythene shrink film, our portfolio of sleeve sealing solutions will ensure your packs not only survive the carrier network, but reach their destination in pristine condition. Manual through to fully automatic models are available in inline, side feed and collation specifications to suit almost all transit applications, products and factory layouts. With more than four decades of expert experience, we've got your transit packaging all wrapped up.

OUR MACHINES CAN WRAP:



Bottles



Products in sacks



Aerosols



Boxed products



Jars



Collations



MANUAL & SEMI AUTOMATIC SLEEVE SEALERS

Entry-level model offering flexibility for slower speeds and unstable products.

If your transit wrapping operation is low volume, our manual and semi automatic models are a robust, reliable and high-quality solution for both trayed and trayless products. Dependent on your needs, these machines can also produce packs with or without a bullseye at either side, which can be useful for heavy packs like water bottles or tins. Although wrapping speeds are dictated by the operator's pace, up to 15 packs per minute can be comfortably achieved with a well-prepared set-up.

Operating the equipment is simple. At the infeed, only the push of a button is required to activate the wrapping process. A full colour touchscreen control panel allows for simple adjustments to settings and film feeding is quick and easy to master using the powered feeds. The machinery has been designed with safety as well as ease in mind. Interlocked guards at the sealing jaw protect the operator, whilst the shrink tunnel boasts an automatic heat rundown timer and fan for controlled cooling at the end of the wrapping cycle, making packs safer to offload after shrinking.

YPS can also supply a system with a separate sealer and shrink tunnel, allowing an upgrade path for future increases in production or speed requirements, as our shrink tunnels are compatible with any automatic sealer.

Key Strengths :

- Ideal for unstable packs
- Consistently strong seals
- Easy to use
- Perfect shrinking
- Flexibility for trayed or trayless products
- Available as separate units or as a monoblock system
- Included service contract



“Because of the machinery we have been able to take on new contracts and new customers.”

Alex Tolescu, Premier Labellers

SIDE FEED SLEEVE SEALERS

Wraps trayed or trayless items with the flexibility to create multipacks.

If your transit application demands singles, multipacks, trayed or trayless pack formats, our side feed wrapper will exceed your expectations. Offering you total control, a multitude of collations can be formed and wrapped on demand, a feature which is especially useful for contract packers and growing businesses looking to future-proof their operation.

Feeding products at a 90° angle to the direction of the shrink tunnel, the side feed sealer uses a positive push action to collate products in your desired formats. If you fulfil a range of differing orders, the changeover process between products or collations is simple and straightforward, requiring just a tweak of the settings. A pack clamp is included as standard to deliver complete stability, even for stacked products.

A number of features make this system a great choice for transit packs. The sealer's powered film feeds ensures complete reliability when running at speed, a heavy-duty sealing jaw ensures strong durable seals and the adjustable height sealing jaw optimises speed, as it can be set just high enough to clear the packs to minimise intervals between seals. The upgraded steel mesh belts maintain consistent and steady travel throughout the shrink tunnel whilst twin cooling fans at the outfeed prevent scorching of the film. For more demanding applications, a high-speed dual lane feeding system can be incorporated to maximise the output. All of our side

feed sleeve sealers have a modular design separate from the shrink tunnel to aid consistent shrinkage and allow for easy upgrade paths. Especially useful is the machine's capacity to be fed directly from a conveyor integrated with upstream equipment as well as manually by an operator, allowing for significant labour cost savings to be made.

This side feed sleeving system can be supplied with full BAMA compliance for aerosol wrapping applications. A suite of safety features including flame detectors, CO2 flooding, temperature overload circuitry and pneumatic air motors will ensure utmost safety for your operators. YPS have a wealth of experience and competence in the wrapping of aerosols.

Key Strengths :

- Trayed or trayless packs
- Creates multiple collations
- Consistently strong seals
- Heavy duty frame
- Simple controls
- Fast changeovers between packs
- Optional full BAMA compliance
- Labour-saving option to feed via conveyor
- Included service contract



"Thanks for your help with our recent purchase of a second sleeve sealer and tunnel for wrapping the Frylight products."

Glenn Peters, MH Foods

INLINE SLEEVE WRAPPERS

Achieves faster speeds for packs with long profiles, singles and trayed collations.

Our inline sleeving systems are designed to wrap larger and longer length products where a side feed configuration would be unsuitable, without requiring any changeover parts whatsoever. Available in a variety of widths up to 3 metres, the inline models cater to just about any sized product. Like the side feed models, this system can be fed manually or directly from a conveyor synced with upstream machinery, offering considerable cost savings on labour.

Simplicity and speed are the standout features of the inline models. Incredibly easy to operate, packs are simply fed onto the machine in a linear direction and driven uniformly from sealer, to tunnel, to outfeed. This straightforward design allows for faster speeds to be achieved than on a side feed sleeve sealer whilst also allowing for long items such as building materials, rolls of carpet and fabric, pipework and panels to be wrapped with ease. Meanwhile, switching between different products or collations requires only a simple tweak of the machine's settings with no changing of parts.

To further enhance speed, the inline machines utilise a height adjustable sealing jaw that can be set just high enough to clear the packs being wrapped. For shallow products this can equate to a sizable increase in running speed as intervals between seals are reduced.

The modular nature of this system, encompassing an independent sealer and tunnel, ensures each pack spends exactly the same amount of time in the shrink tunnel. This delivers an absolute consistency of finish, whilst also allowing for easy future upgrades in automation requirements.

Key Strengths :

- Fast speeds
- Ideal for large products
- Heavy duty jaw for consistently strong seals
- Height adjustable sealing jaw for faster production
- Pack clamp for unstable products running at speed
- Optional kissing conveyor for smaller packs
- Labour-saving option to feed via conveyor
- Included service contract



“Our old system was unreliable with the quality of pack deteriorating. The YPS machine has improved packing speeds and quality and is 100% reliable.”

Adrian Simmonds, Polypipe

HIGH SPEED FLIGHT BAR SLEEVE WRAPPERS

Delivers fast and efficient shrinking for high-volume applications.

The most advanced shrink wrappers in our transit range; our flighted bar wrappers avoid the pitfalls of a sealing jaw by employing a mechanised arm to guide a single curtain of shrink film up and over the packs as they travel through the machine. The absence of a sealing jaw renders the system significantly faster than its counterparts, allowing for a more continuous wrapping motion and flow of production. Without the repeated cutting and sealing from the jaw, an impressive 80 packs per minute can be wrapped, or up to 160 per minute on a twin-lane variation.

These units offer the ultimate flexibility for both singles and collations. Interchangeable multipack formats can be achieved with just a simple change of settings, without the need to change belts or regulate the guides on each lane. A wheel of dividing bars organise the stream of loose packs into these endless varieties, whether 3x1, 3x2, 3x3 and so on. For businesses looking to automate the addition of secondary packaging, several models in this range are capable of adding cardboard trays and pads. Plus, the system's requirement for only a single reel of film makes the flighted bar wrappers ideal for print register printed film designs.

A low-maintenance design characterises this system; without sealing jaws to clean the upkeep is simple and all parts are easily accessible for routine servicing. The interactive touchscreen display allows for maximum control and comprehensive production reporting. With a compact modular footprint, our flighted bar sealers are compatible with a range of shrink tunnels and can be easily integrated into larger turnkey lines, making them ideal for any packing facility.

Key Strengths :

- Speeds up to 80 packs per minute
- Low-maintenance design and build
- Safe low level film holder
- Fast and easy changeovers between packs
- Compact footprint
- Interactive touchscreen display
- Ideal for print register shrink film designs
- Included service contract



"Shrink wrapping has provided the best method of increasing production speeds, keeping costs under control and maintaining our pack integrity."

Keri Bowness, Jacobs Biscuits

OUR TRANSIT SHRINK WRAPPING MACHINES IN ACTION...

Who?

Garden Buildings Direct

Where?

Nottingham

The Problem

Garden Buildings Direct (part of Kybotech) manufacture and supply component parts for garden sheds, summer houses, greenhouses and outdoor furniture. Differing lengths of timber were being run in bundles through a side sealing machine in order to 'bag' them ready for transit. However these bags were not providing adequate protection against damage during shipment. Unless the machine was set to specific sizes for each and every pack, involving a cumbersome and time-consuming changeover of parts and settings, the goods were often too loosely packed within the bags.

The Complete Solution

To replace Garden Buildings Direct's one-size-fits-all bagging approach, YPS installed an inline sleeve sealing line which can accommodate bundled products in a variety of differing sizes and shapes. The length of each pack is now recognised by a light curtain, which accurately detects irregularly shaped products and the sealing jaw intervals are automatically adapted to fit, a process that doesn't require any change parts or tweaks to settings. The new shrinking process also ensures a tightly-wrapped and secure finish for every pack to prevent damage during transit. 12 metres of powered integrated conveyors were supplied as well as a side shift accumulation system at the outfeed to aid dismantling and sorting of these long packs ready for despatch.

The Benefits

The firm have experienced increased production speeds and reduced downtime between batches of different products by negating the need for change parts. Furthermore they have seen a marked decrease in damage caused during transit, which in turn has led to improved customer satisfaction and prevented costly returns.



“What was most impressive was that you offered us a completely integrated system that fitted our needs and not just a standard machine.”

Paul Payne, Garden Buildings Direct

OUR TRANSIT SHRINK WRAPPING MACHINES IN ACTION...

Who?

Health Innovations

Where?

📍 Skipton

The Problem

Health Innovations UK Ltd are an industry-leading producer of nutritional supplements and vitamins, supplying national supermarkets and chemists across the UK. As a result of considerable and ongoing growth, culminating in a new manufacturing facility, Health Innovations sought to increase their packaging capacity.

Although the company already owned a sleeve wrapping solution from YPS, it was only suitable for wrapping products in trays. With more and more eco-conscious retailers looking to reduce overall packaging by removing excess cardboard trays, the new equipment needed to be able to wrap both trayed and trayless formations. Health Innovations returned to YPS to deliver an upgraded machine that offered the complete flexibility they needed.

The Complete Solution

YPS supplied a fully automatic side feed sleeve wrapper and shrink tunnel to meet all of Health Innovations' requirements, a model that accommodates both trayed and trayless packs. With full collation hardware, the new line creates multipacks of 2x3, 2x4 and 2x5 at speed, ready for the distribution network.

The Benefits

Health Innovations have experienced improved customer satisfaction since the upgrade, due to the ability to meet all requirements, especially for packs without cardboard trays. This increased flexibility and capacity has also helped to secure several new contracts. The included service contract - which was extended to cover their existing equipment - has afforded the company renewed confidence in their operation and total peace of mind.



“The new sleeve wrapper has opened up new opportunities at an exciting time when we are expanding.”

Cathy Brown, Health Innovations



KEY STRENGTHS:

- ✓ One of the largest teams of directly employed service engineers in the UK
- ✓ SafeContractor approved
- ✓ One-to-one contact with your installation engineer
- ✓ All spare parts are kept in stock at YPS
- ✓ Quick response to call outs
- ✓ Convenient servicing schedules
- ✓ Comprehensive service contracts to ensure your machine is kept in peak condition



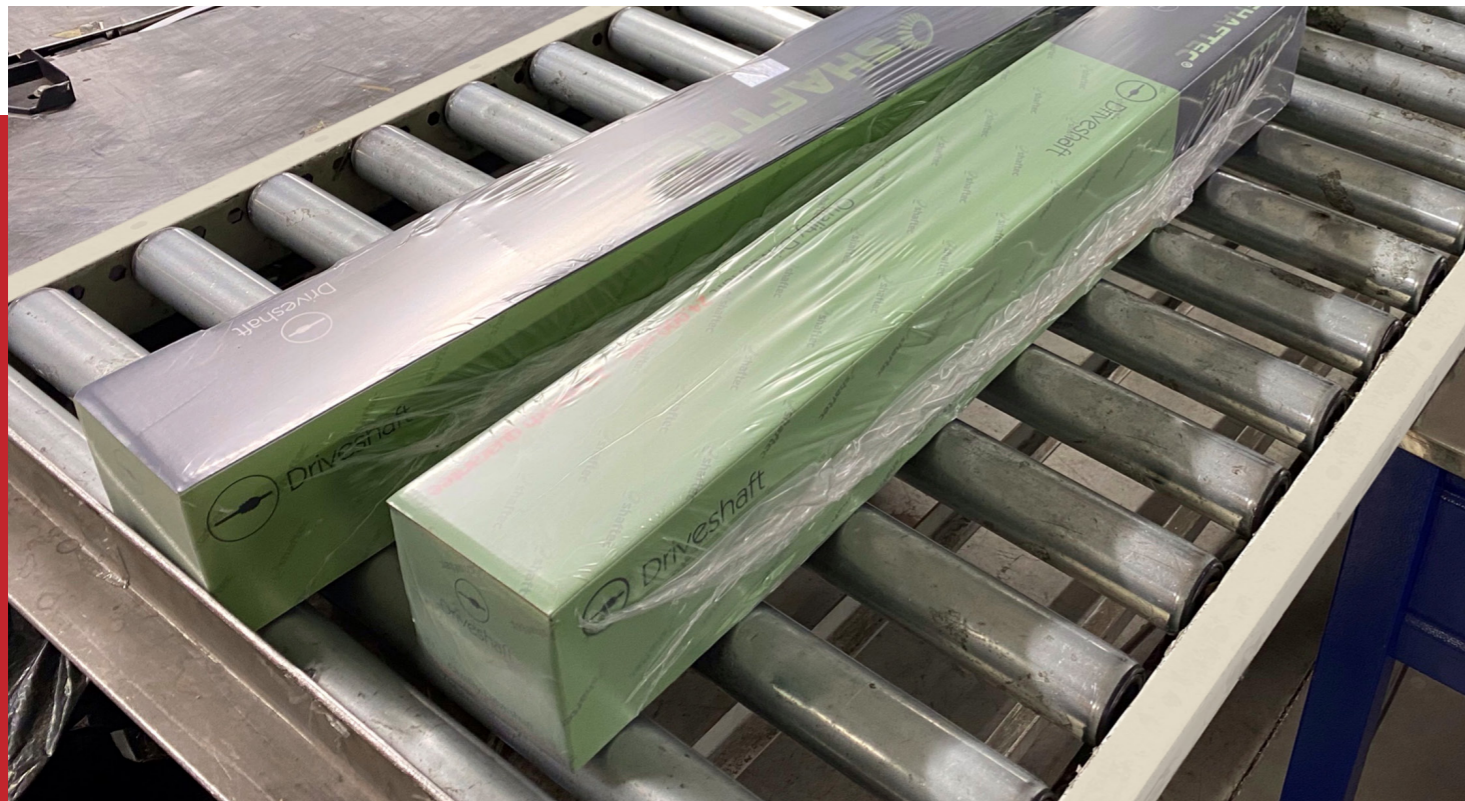
“Great customer care and service.”

Andrew Syrett, Nestle Purina



Your Packaging Is Our Priority

TRUSTED BY



WE ALSO SUPPLY A RANGE OF OTHER PACKAGING SOLUTIONS, INCLUDING FILMS.

We believe in comprehensive solutions that offer you an integrated and harmonised approach to your packaging operation. For instance, we can complement the transit packaging machines displayed in this brochure with a range of shrink tunnels and the supply of fully recyclable, market-leading polythene films, including specifications with more than 30% recycled content.

Your operation may also benefit from our solutions dedicated to pallet wrapping. We offer a range of stretch wrapping machinery to suit any automation, speed and space requirements, coupled with a diverse portfolio of fully recyclable stretch films.

Our other products:



Shrink films



Stretch films

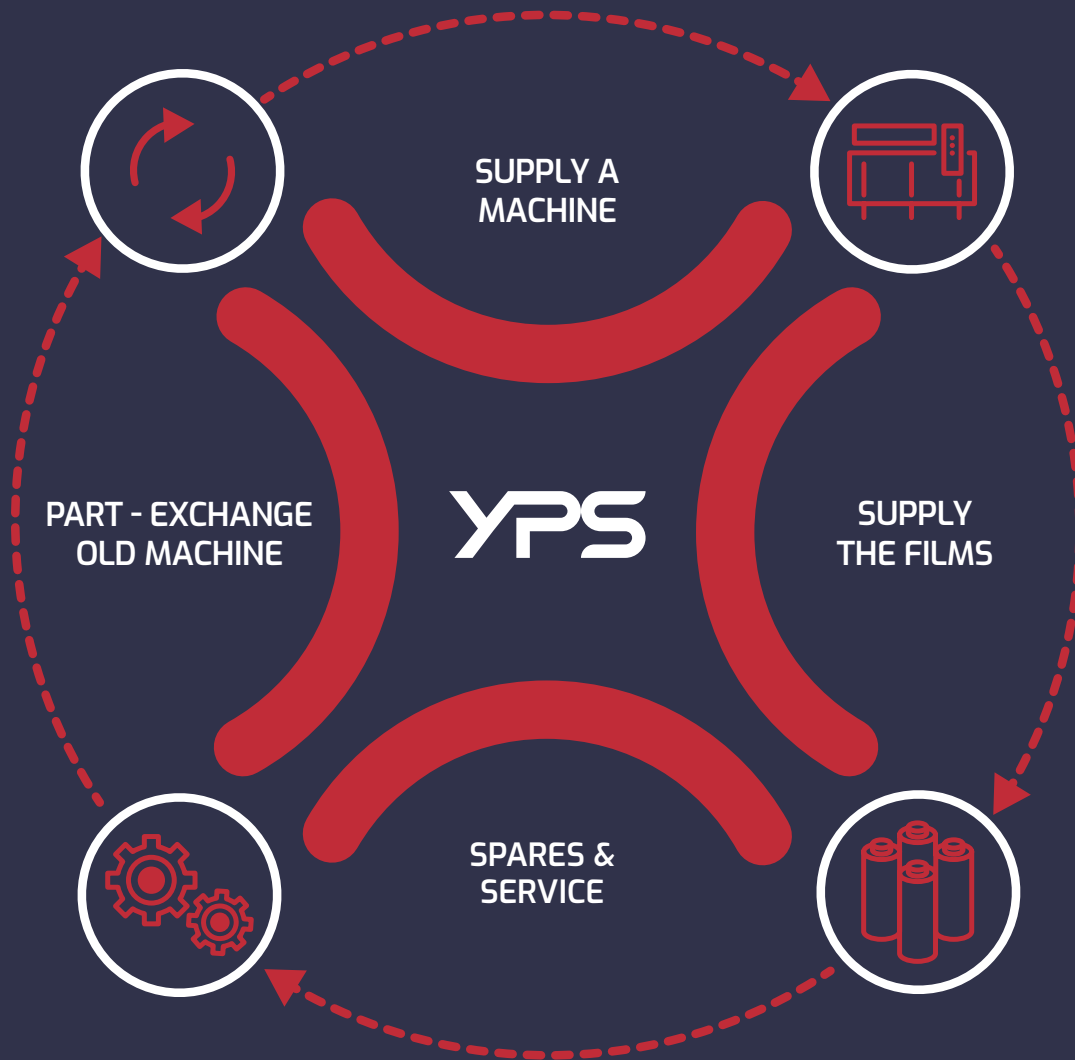


Stretch wrapping equipment



Service contracts





Contact us

If you'd like to know more about our shrink wrappers for transit applications, or any other products and services we offer, please get in touch.

T 01484 715111
E info@yps.co.uk
W www.yps.co.uk