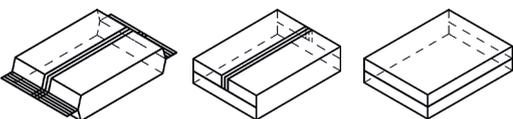




# COMPLETE SOLUTIONS FOR HORIZONTAL PACKAGING IN FILM AND PAPER



OUR CAPABILITIES ACROSS FLOWPACKS,  
BAGS AND SHRINK PACKS AT A GLANCE





## WE PACKAGE YOUR WORLD

For over 65 years, the Hugo Beck name has been synonymous with the highest quality in horizontal packaging machines.

Today, the family-run company, now in its third generation, is a world-leading specialist in film and paper packaging solutions, flowpack machines and automation solutions, covering the range of 3,000 to 18,000 cycle-per-hour. Our comprehensive machine range handles flowpacks, bags and shrink packs, as both primary and secondary packaging.

Our machines process all film types, independent of the manufacturer. This is enhanced by various paper packaging solutions, which underline our commitment

to continual innovation in machine technology for sustainable packaging.

Add to this our expertise in automation systems and Hugo Beck machines are perfectly set to support future packaging processes, from e-commerce to IoT. Whether minimising material use or tailoring machine solutions, we deliver flexibility and sustainability through everything we do.

By combining high-quality machine design with tailored service and maintenance packages, our solutions are built to last. Twenty years is commonplace and even after thirty years many are still in use.

## FIND THE IDEAL PACKAGING FOR YOUR INDUSTRY AND APPLICATION

Our fully automatic horizontal packaging machines are used worldwide across many different sectors for a multitude of products, volumes and packaging styles. Amongst the many industries we serve are:

- Pharmaceutical and Medical Technology
- E-Commerce and Logistics
- Food
- Confectionery
- Tissue
- Wood and Long Parts
- Fruit and Vegetables
- Household goods
- Cosmetics and Hygiene
- Beverage and Glass
- Do-It-Yourself Retail
- Print and Multimedia
- Electronics



## SUSTAINABILITY

From the very beginning, we have been committed to operating in an environmentally responsible way. Working closely with our customers, we harness our technical know-how and innovative thinking to develop sustainable packaging solutions to meet not just today's, but tomorrow's requirements.

Our focus remains on creating a variety of measures to guarantee clean, energy-saving and efficient production processes in our business.

In developing innovative machine technology we aim to make packaging as resource-efficient as possible. From extremely tight packaging that minimises the use of film to flexible machine solutions, which allow the production of film and paper packaging on just one machine or pure paper packaging machinery – we have your sustainability needs covered.

## COMPLETE SOLUTIONS

Wherever you see the Hugo Beck name, you can be assured of the highest quality packaging results. To make sure of this promise, we deliver everything from one source.

State-of-the-art, in-house project planning and manufacturing processes ensure we can react to virtually all our customers' needs. We design and produce your packaging solution, either as a stand-alone system, or as a highly automated complete line – and we also safely integrate this into production environments. We provide both the hardware and software for your specific packaging application.

All packaging machines are equipped with the latest drive and control technology, mostly from Siemens or Rockwell Automation.

Any automation systems can operate as an integral part of a complete packaging solution from Hugo Beck or as a stand-alone system.

## SERVICE & SUPPORT

Wherever you are, our global presence and worldwide service deliver peace of mind.

We have more than 100 qualified technicians around the world, to install machines and provide ongoing maintenance.

Operating in conjunction with customised service and maintenance packages, this comprehensive support ensures our machines deliver total reliability and availability in all production environments.

We supply a complete range of spare parts for each of our machines. The long-term availability of your Hugo Beck machine is assured, with original spare parts available even after the 10-year guarantee has expired.

# SOLUTIONS PORTFOLIO

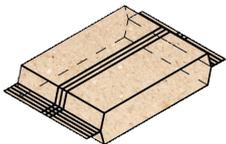
Whether you are packaging in film, paper or composite material, Hugo Beck machinery solutions are highly flexible and cost-effective. Thus, one of the most important features of our machines is their high modularity, which helps to make the impossible possible. They can be adapted to new packaging materials and varying requirements thanks to easy changeovers. Different types of film and paper can be processed on only one machine.

Our machines keep pace with the latest developments in sustainable materials. From the latest mono-material films or recycled content films to bioplastics or extremely thin packaging films each can be applied using Hugo Beck technology. Both uncoated and coated papers are processed for paper packaging.

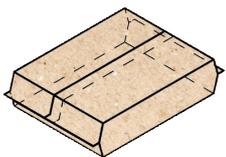
We use resource-saving machine technology that minimises material consumption across the packaging process. Thus, only as much film or paper is used as is truly needed!

Choose the packaging type and materials that best suit your specific product application and sustainability objectives – and we'll provide the machine.

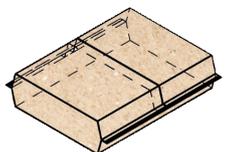
## PAPER PACKAGING



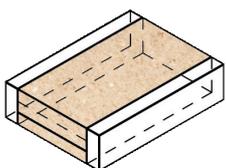
**FLOWPACK WITH LONGITUDINAL SEAM ABOVE/BELOW**



**2 SIDES GLUED AT FRONT & REAR, TOP OVERLAP GLUED**

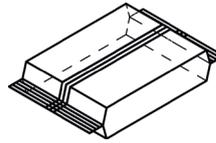


**2 SIDES SEWN, TOP OVERLAP GLUED**

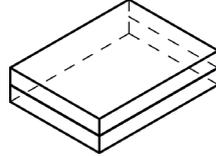


**PAPER-BANDED, OVERLAP THERMO SEALED/GLUED**

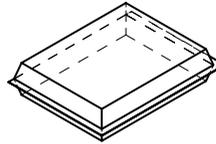
## FILM PACKAGING



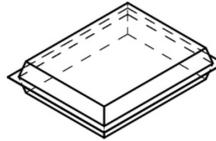
**FLOWPACK WITH LONGITUDINAL SEAM ABOVE/BELOW**



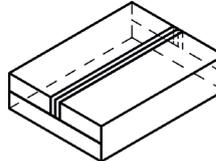
**SIDE SEAL**



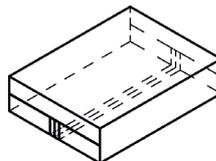
**3 SIDES SEALED**



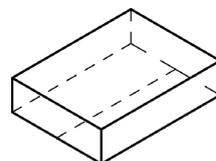
**4 SIDES SEALED**



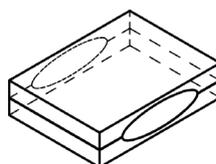
**OVERLAP ON TOP**



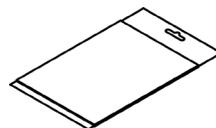
**BOTTOM OVERLAP THERMO SEAL/STATIC SEAL**



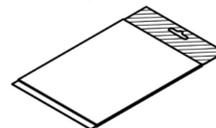
**BOTTOM CUT SEAL**



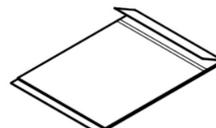
**SLEEVE WRAPPING**



**EUROHOLE HANG PACK**



**HANG PACK WITH REINFORCED HEADER**



**RECLOSABLE BAG**

Further packaging styles are available

### FOR FILM PACKAGING WE PROCESS ALL TYPES OF FILM E.G.

- PE, PP, PO (starting at 7 µm)
- Recycled content films
- Bioplastics (e.g. PLA films)
- Composite films (e.g. Aluminium)
- Tyvek®

### FOR PAPER PACKAGING WE PROCESS E.G.

- Kraft/offset/transparent/parchment paper
- Uncoated, sealed with hotmelt or sewn with yarn
- Coated with PE/PLA or dispersion coating
- Barrier paper

## FLOWPACK MACHINES

Fully automatic flowpack machines are available either for high-speed applications or airtight packaging requirements as well as for paper packaging.

The machines feature either rotating or box motion transversal sealing units, with selection of a longitudinal seam either above or below. Each machine can be combined with a wide range of feed systems, such as finger conveyor chains or infeed belts. Our flowpack machines are also available as hygienically designed versions.

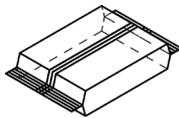
They enable optimum processing of the most diverse of film thickness and film types as well as coated paper.



### flowpack R

The rotary flowpack R machine achieves very high speeds and offers an extremely compact design. Reproducible results are guaranteed from the very first pack.

<b>Film/Paper</b>	e.g. PP, composite films, Tyvek®, coated paper
<b>Product size</b>	L: from 45 mm, W: 10 – 250 mm, H: max. 80 mm
<b>Capacity</b>	up to 18,000 cycles/h



### flowpack X

The continuous flowpack X machine delivers 100% airtight film packaging, seamless traceability and reproducible results from the very first pack. It is also suitable for paper packaging.

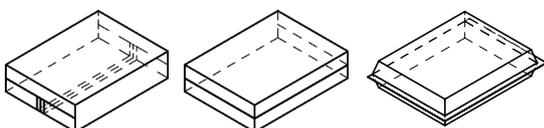
<b>Film/Paper</b>	e.g. PP, composite films, Tyvek®, coated paper
<b>Product size</b>	L: from 45 mm, W: 10 – 450 mm, H: max. 200 mm
<b>Capacity</b>	up to 12,000 cycles/h



### flexo 500/flexo 700

The **flexo 500** is a flexible all-rounder for packaging speeds of up to 6,000 cycles/hour. The **flexo 700** model is especially designed for the packaging of large format products.

<b>Film</b>	centre-folded and flat film, e.g. PE, PO, bio films, recycled content films
<b>Product size</b>	<b>flexo 500:</b> L: from 100 mm, W: 10 – 430 mm, H: max. 250 mm, optional L: from 40 mm <b>flexo 700:</b> L: from 100 mm, W: 50 – 680 mm, H: max. 300 mm, optional L: from 50 mm
<b>Capacity</b>	<b>flexo 500:</b> up to 6,000 cycles/h <b>flexo 700:</b> up to 5,000 cycles/h



## INTERMITTENT FORM FILL AND SEAL MACHINES FOR FILM

Flexibility is high on the list of priorities. These packaging machines score with maximum versatility – even in its basic configuration. You are instantly equipped for any kind of application with this machine – daily changing orders, for example. Depending on equipment, the machines feature side sealing or overlapping at the bottom. The transversal sealing unit comes as an intermittent version and processes a wide range of films, dimensions and products.

Our flexo machines ensure tight bag packaging with lowest possible material use and optimum processing of the most diverse of film thickness and film types.

### flexo 500/700 push

Flexible pusher-machines for the packaging of bundles and difficult products.

<b>Film</b>	centre-folded and flat film, e.g. PE, PO, bio films, recycled content films
<b>Product size</b>	L: max. 1000 mm, W: max. 600 mm, H: max. 300 mm
<b>Capacity</b>	up to 900 cycles/h

### flexo 700 e-com (fit)

The **flexo 700 e-com** is designed for e-commerce featuring automatic adaptation to the product's length as standard. The **flexo 700 e-com fit** also adjusts the bag size to the product's width. Both machines are also suitable for returns packaging.

<b>Film</b>	centre-folded film, e.g. PE 30 – 100 µm, recycled content films
<b>Product size</b>	L: from 100 mm, W: 50 – 680 mm, H: max. 300 mm
<b>Capacity</b>	<b>flexo 700 e-com:</b> approx. 1,500 cycles/h <b>flexo 700 e-com fit:</b> approx. 1,100 cycles/h



## CONTINUOUS FORM FILL AND SEAL MACHINES FOR FILM

Need a high-end all-rounder? Our servo X machines cover the broadest possible range of horizontal film packaging applications for various industries – and all this with maximum modularity. The machines can be configured individually and thus meet all requirements for the desired performance or type of packaging. The machines feature cut sealing on the side or bottom, overlap at the top or bottom, with or without sealing/ionisation. Apart from high performance, extremely tight bag packaging with lowest possible material use and optimum processing of the most diverse of film thickness and film types is guaranteed.

### servo X

servo X machines are available in five performance ranges and numerous variants. Whether chain infeed or infeed conveyor, the machines win over with their continuous packaging process and no stop-and-go.

<b>Film</b>	centre-folded and flat film, e.g. PE, PO, PP, bio films, recycled content films
<b>Product size</b>	L: from 45 mm, W: 10 – 450 mm, H: max. 250 mm
<b>Capacity</b>	Five performance classes up to 15,000 cycles/h

### servo X e-com (fit)

The **servo X e-com** is designed for e-commerce featuring automatic adaptation to the product's length as standard. The **servo X e-com fit** also adjusts the bag size to the product's width. Both machines are also suitable for returns packaging.

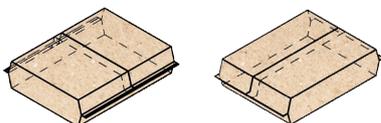
<b>Film</b>	Upper/lower film: e.g. PE flat film 30 – 100 µm, recycled content films
<b>Product size</b>	L: 100 – 600 mm, W: 150 – 500 mm, H: max. 200 mm
<b>Capacity</b>	<b>servo X e-com:</b> approx. 3,000 cycles/h <b>servo X e-com fit:</b> approx. 1,800 cycles/h



### paper e-com fit

The bags with two sewn sides are automatically adapted to the varying product dimensions in length and width. Storing paper rolls of two different widths enables reduced paper use.

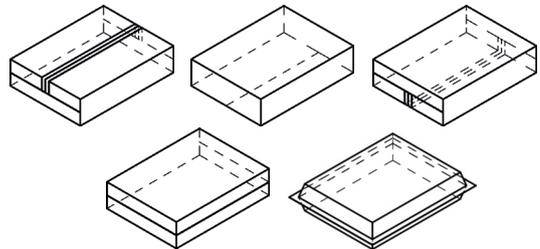
<b>Paper</b>	uncoated and coated of approx. 80 g/m <sup>2</sup> to 140 g/m <sup>2</sup>
<b>Product size</b>	L: approx. 80 – 525 mm, W: approx. 80 – 675 mm, H: max. 200 mm
<b>Capacity</b>	approx. 600 cycles/h



### servo X 800

The servo X 800 are the most flexible and powerful of film packaging machines for large-format products with a width of up to 800 mm and a length from 150 mm.

<b>Film</b>	centre-folded and flat film, e.g. PE, PO, PP, bio films, recycled content films
<b>Product size</b>	L: from 150 mm, W: 150 – 800 mm, H: max. 450 mm
<b>Capacity</b>	up to 5,000 cycles/h



## PAPER PACKAGING MACHINES

When you opt to use paper to pack your products, Hugo Beck's machine solutions allow bags to be produced from both uncoated and coated recyclable papers. Our paper packaging machines are ideal for e-commerce applications producing shipping bags either with two sewn or glued sides and top overlap.

All machines are designed to pack goods with a minimum use of paper.

### paper X e-com

The bags with two glued sides are automatically adapted to the product's length.

<b>Paper</b>	uncoated and coated of approx. 60 g/m <sup>2</sup> to 120 g/m <sup>2</sup>
<b>Product size</b>	L: from 50 mm, W: 100 – 250 mm, H: max. 100 mm
<b>Capacity</b>	approx. 3,000 cycles/h

### paper X

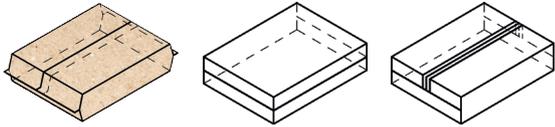
This machine type is suitable for packing goods of the same size.

<b>Paper</b>	uncoated and coated of approx. 60 g/m <sup>2</sup> to 120 g/m <sup>2</sup>
<b>Product size</b>	L: from 100 mm, W: max. 330 mm, H: max. 50 mm
<b>Capacity</b>	3,000 – 12,000 cycles/h



## HYBRID MACHINES

Film or paper? Stay flexible! Our continuous hybrid machines are designed to enable fast, effective switching between materials to future-proof your investment. A simple changeover ensures you are ready for the new product and the new packaging material. The **paper X hybrid** features paper and film packaging with overlap on top. The **paper X hybrid advance** features paper and film packaging with overlap on top and side seal.

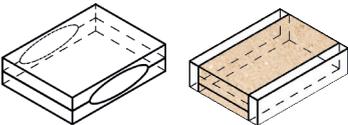


paper X hybrid (advance)	
<b>Film</b>	centre-folded and flat film, e.g. PE, PO, PP, bio films, recycled content films
<b>Paper</b>	uncoated and coated of approx. 60 g/m <sup>2</sup> to 120 g/m <sup>2</sup>
<b>Product sizes</b>	<b>film:</b> L: from 45 mm, W: max. 450 mm, H: max. 80 mm <b>paper:</b> L: from 100 mm, W: max. 330 mm, H: max. 50 mm
<b>Capacity</b>	<b>film:</b> up to 15,000 cycles/h   <b>paper:</b> 3,000 – 12,000 cycles/h



## SLEEVE WRAPPERS

Sleeve wrappers operate with upper and lower films and are ideal in quickly providing heavy, large products with a safe protective packaging and/or transit packaging. The bp 800 features an ultrasonic height detection system as an optional feature. In addition, special sleeve wrappers are available to produce a tight banderole of coated or uncoated paper or film.



bp 800 (and other)	
<b>Film</b>	PE, bio films, recycled content films
<b>Paper</b>	uncoated and coated of approx. 60 g/m <sup>2</sup> to 120 g/m <sup>2</sup>
<b>Product size</b>	L: from 80 mm, W: 25 – 800 mm, H: max. 400 mm
<b>Capacity</b>	up to 2,100 cycles/h



## SHRINK TUNNELS

What has initially been bagged using a machine from Hugo Beck often needs to be shrunk in the interest of a tight-fitting film and perfect packaging finish. Adapted for each packaging system, we supply the appropriate high-quality shrink tunnel in all sizes and performance ranges.

Type	Description
<b>SLB</b>	<b>Circulating air:</b> A tunnel with high thermal efficiency and various adjustment options for optimum shrink results. The shrink tunnel blows the heated air onto the product at the infeed area from the bottom and both sides. This creates an air flow towards the outfeed area, where the heated air continuously enters a vacuum and recirculates.
<b>SL</b>	<b>Convection:</b> Optimum performance thanks to the high air flow coupled with low energy consumption. Ventilators control and evenly distribute the heated air within the shrink tunnel. This produces perfect shrink results while keeping adjustments to an absolute minimum.



## AUTOMATION

We offer support throughout the entire automation process, from project planning and manufacture right through to integration into complex packaging lines.

**Handling systems** (including portals, grouping solutions, stacking and counting devices, and cross pushers) are integrated reliably into the packaging solutions by our technicians.

Furthermore, we offer various **robot systems** for the automated feeding of products – delivered fully integrated according to each customer's needs.

## INDUSTRY 4.0

Bring the fourth industrial revolution to your machinery, by monitoring your production effectively to constantly improve your productivity. The **Hugo Beck Cockpit** will record, store and analyse production and operating data from your machines. Production results, material consumption and effectiveness of the machines are documented and evaluated to help you manage your packaging as an integral part of your manufacturing process.





# TOGETHER, WE WILL FIND THE IDEAL PACKAGING SOLUTION FOR YOUR PRODUCTS

Since 1955, we have dedicated ourselves to the value of packaging in protecting, enhancing and securing products. We work in close partnership with customers and believe this approach benefits us all. The satisfaction of our customers has always been – and will continue to be – our absolute priority.



## How to contact us

The appropriate contact in our company or one of our sales partners around the world can be found here.



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