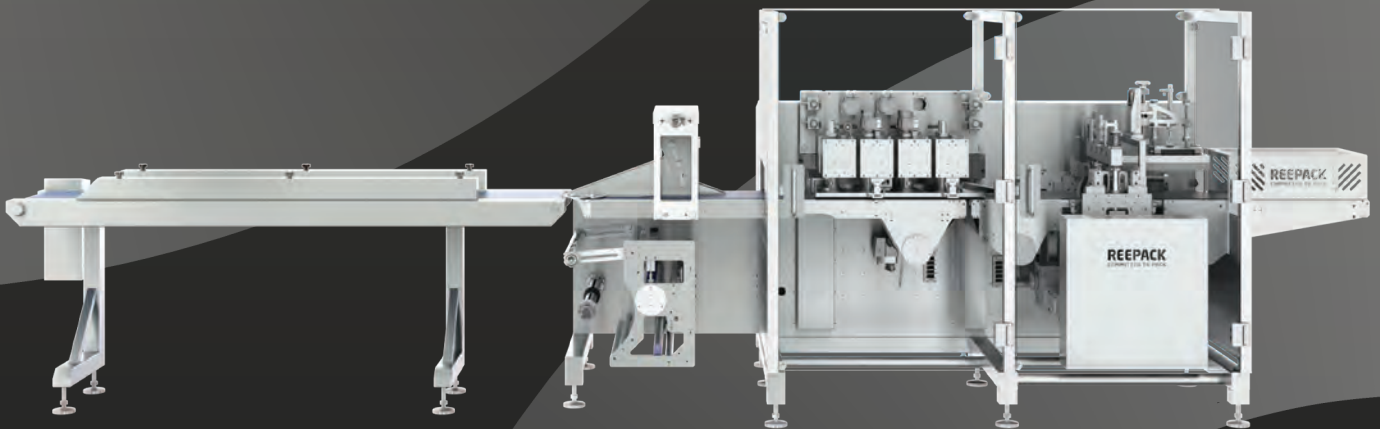


⋮

food  
pak



Find your flow.

**Flow wrappers.**



Flow wrappers for full scale production.

⋮

# FoodPak & Reepack

A perfect partnership.



Put simply, we are the ideal packaging partner. We believe that:

### People matters.

As an employee-owned company, we know good relationships are what makes businesses strong. That's why we act not only as a business, but as consultants. We work with you to ensure every unique business need is met.

### Packaging matters.

It's the first aspect of your product that your customer interacts with, and that's why we've dedicated over 50 years to refining all things packaging.

### Product matters.

That's why we think about how it's designed, packed, shipped, opened, and enjoyed. Every step in the packaging cycle has been carefully considered to make sure your product shines on the shelf.



More than 20 years of experience in food packaging solutions.

### Product requirements.

Extensive experience in manufacturing packaging machinery has given them a deep understanding of the demanding production requirements to which this machinery is subjected.

### Packaging machinery.

Reepack operates in the field of manufacturing packaging machinery with an extensive range of semi-automatic and fully automatic equipment.

### Innovative solutions.

Reepack serves customers across the spectrum of packaging applications with innovative solutions by leveraging their extensive array of technologies, design expertise and combination of intellectual property, strategic partnerships and manufacturing strength.

# Envision your packaging product.

When getting product into retail and wholesale applications, one of the first thoughts that comes up is how the finished product will present on the shelf. Packaging has a large impact on your brand, which is why it's important to have a high-quality packaged product with the right look and feel to help you stand out on the shelf. With a variety of flow wrappers with different capabilities, our packaging consultants can help you find the right fit for any of these packaging types and applications.



## Packaging options.

### Film

#### Types of films

- Hot seal film
- Cold seal film
- High barrier film
- Shrink film

#### Film features

- Re-sealable die cut window
- Anti-fog
- Micro-perforated



### Forming

#### Types of forming



Back fin



Gusseted back fin



4 side seal

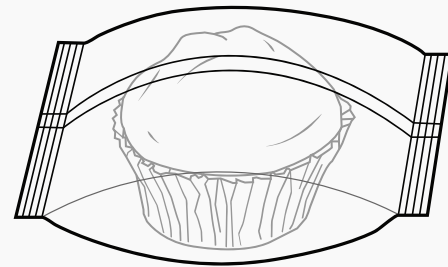
# Packaging options.

## Sealing & atmosphere

### Applications

#### Straight seal ambient packaging:

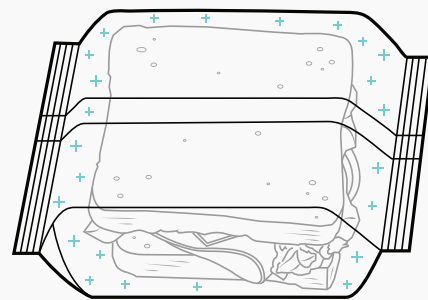
An airtight straight seal with no vacuum or altered atmosphere applied. This is the simplest form of seal and often used with frozen products, shelf stable, or fresh products with micro-perforations and other breathable films. These packages can also be packed with product support surrounded by flexible film.



Straight seal (No M.A.P.)

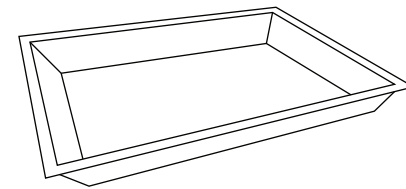
#### Modified atmosphere packaging (MAP):

In this process, the air in the bag is flushed with carbon dioxide, nitrogen, or a gas mixture, displacing any oxygen. This is used to extend the shelf life and keep products fresh, especially with delicate or perishable foods. These packages can also be packed with product support surrounded by flexible film.

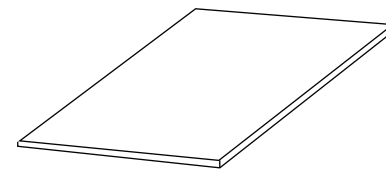


Modified atmosphere packaging (MAP)

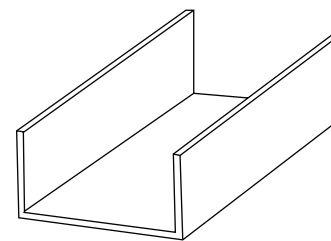
### Types of product support



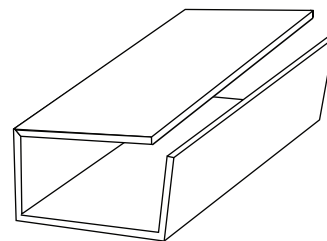
Tray



Flat board



Two-walled tray



Two-walled tray with folded lid

## Presentation options and add-ons

Flow wrappers can have a variety of modifications to allow the following packaging features:

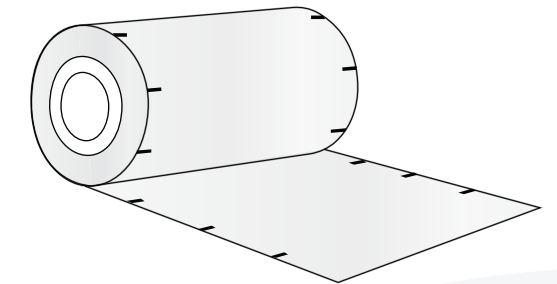
### Printing & labelling



Automatic label applicator

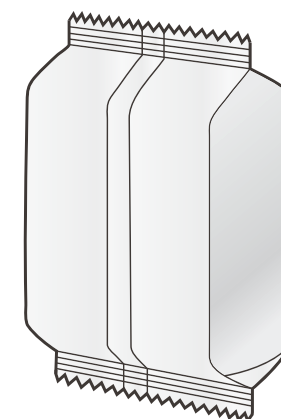


Printers for date/lot coding



Photocell registration for aligning printed top film

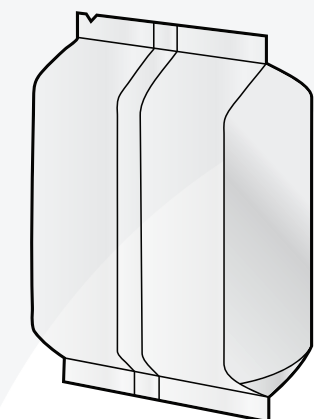
### Cutting systems



Zig-zag cut



Euro-hole punch



Easy open tear notch



# Benefits of Reepack equipment.



**Save cost on packaging:** Forming and non-forming film rolls are a more cost-effective option than preformed pouches and trays with a lower footprint.



**Stainless steel construction:** Food-grade quality for easy washdown, ideal for strict facility certification requirements.



**Coloured touch screen:** Easy programming requires minimal operator training and is very user-friendly.



**Electric sealing systems:** Quiet, eco-friendly system that saves energy compared to pneumatic systems.



**Easy-open frame:** Quick access to internal parts for easy maintenance and repair.

## Variety of options.

With a wide range of products and with pressure to keep up sleek designs and well-crafted packaging, a one-size-fits-all solution doesn't cut it. We offer a wide range of flow wrapper machines from entry-level units up to custom-made high production machines to get the presentation and production flow up to high standards.

## Simple to use.

Labour is a costly resource, and continuous, extensive training can put you behind in time and money. More complex solutions also typically mean a higher susceptibility for human error, which is why we believe in a simple solution. Preprogrammed settings are easy to use through the coloured touch screen interface, keeping training costs lower and reducing the chances of user error.

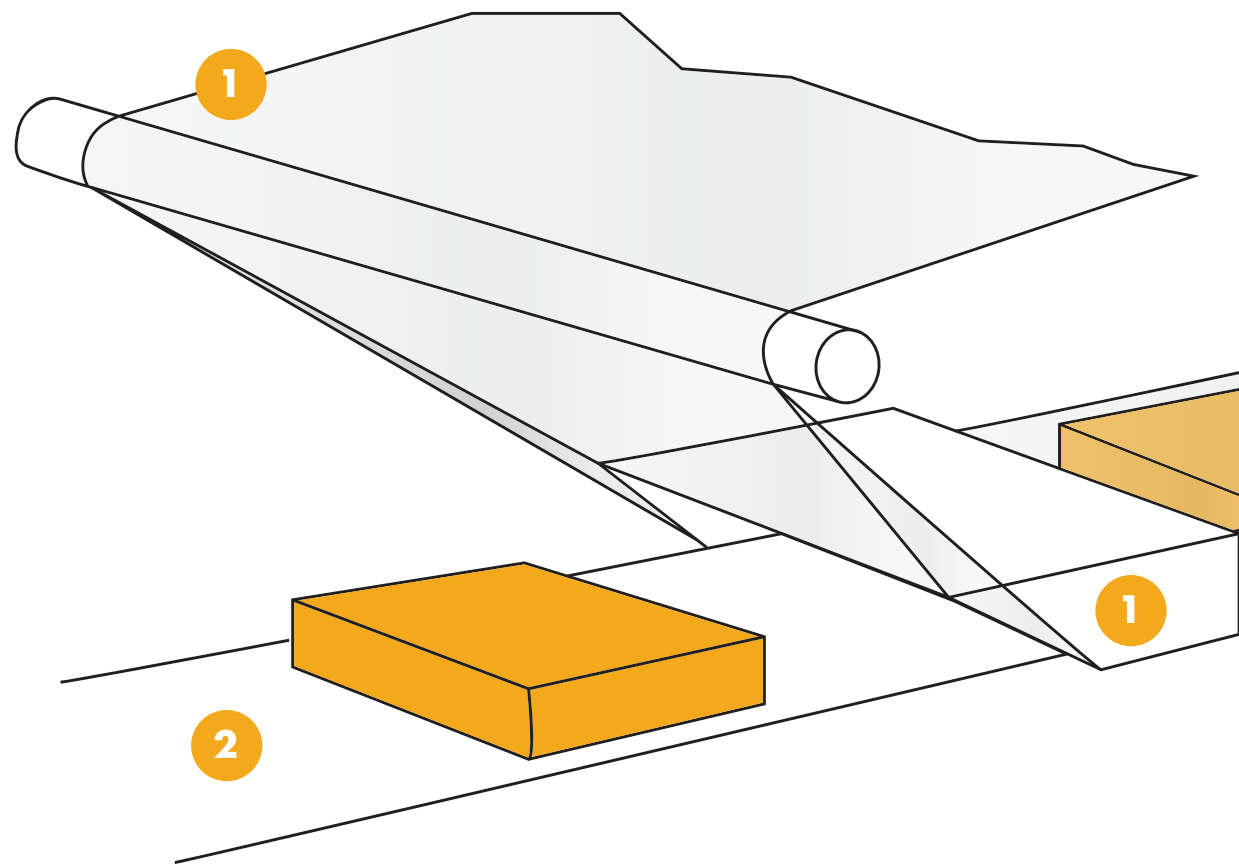
## Easy cleaning.

These food-grade stainless-steel machines are ideal for easy sanitation with washdown environments to comply with strict production facility requirements. The easy open panels also allow for quick access to internal parts to check and repair parts as needed.

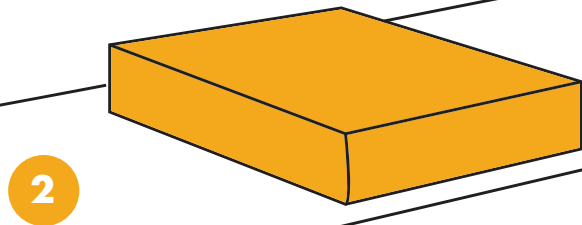


# How flow wrappers work.

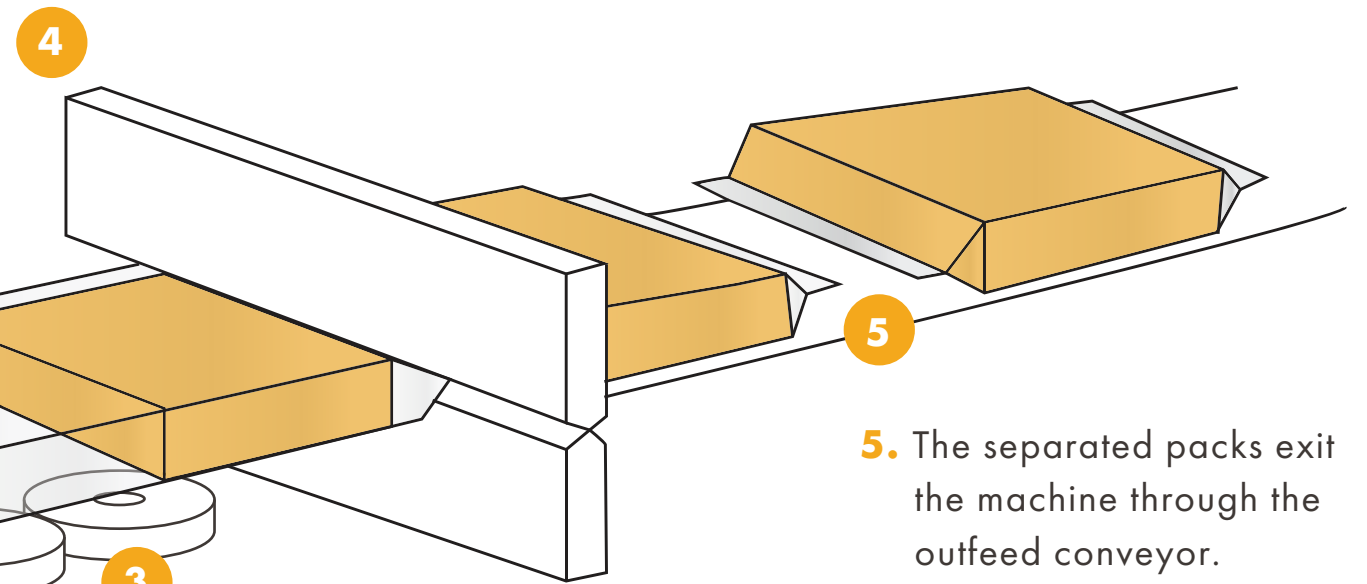
1. The film is unwound around the folding box to create a tube of film.



2. The infeed conveyor is loaded with product and feeds product into the film.



4. Film is transversally sealed with the sealing jaws and cut on each side.



5. The separated packs exit the machine through the outfeed conveyor.

3. Rollers pinch and seal the edges of the film together to create a longitudinal seal. On 4S flow wrappers, there are two independent longitudinal seals instead. Gas would be flushed into the tube through a nozzle at this stage.



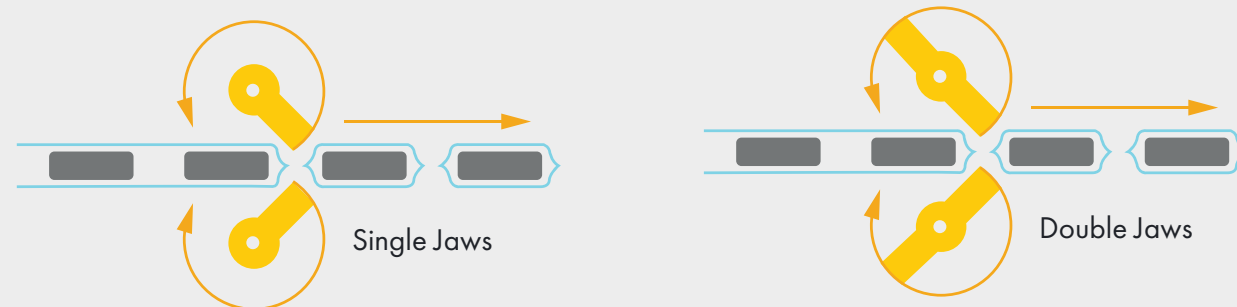
# Our range of flow wrappers.



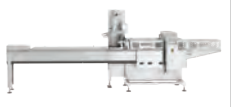
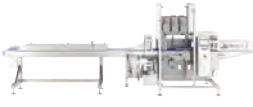


ReeFlow 50

## Rotary-motion flow wrappers.

The ReeFlow 50 and 100 series are fully electric Servo driven solutions for fast, precise, and high production capabilities. Rotative jaws allows for a max production speed of 150-750 PPM and 40-75m/min film speed. With a driven reel shaft and automatic film tensioning which allows you to run even the thinnest and most difficult of films, you can be sure that these machines will efficiently process your products.



## Rotary-motion flow wrappers.

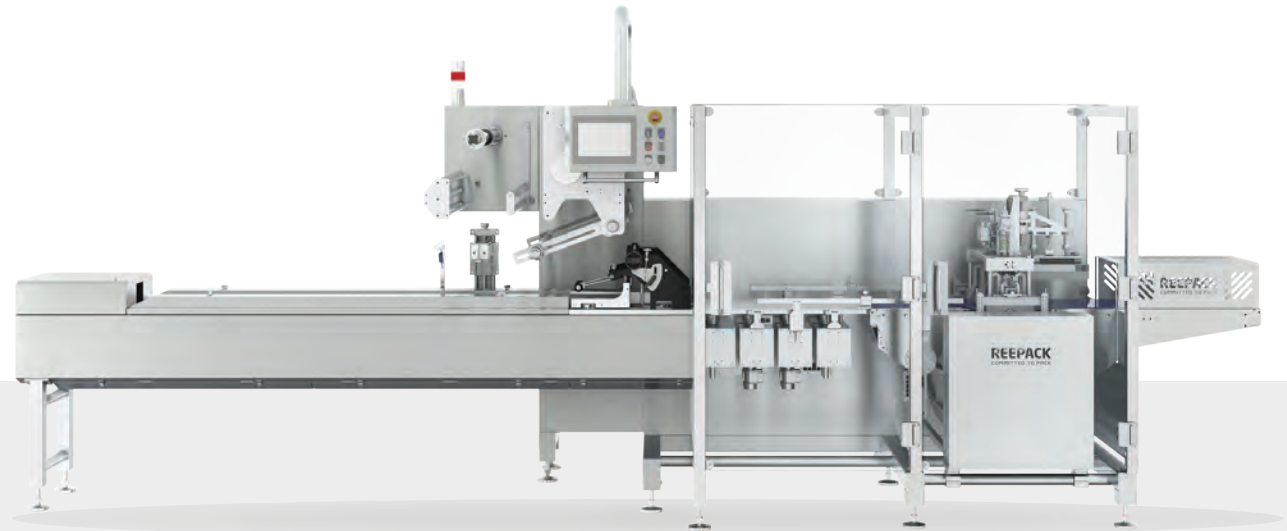
	ReeFlow 50	ReeFlow 50 B	ReeFlow 100 HS	ReeFlow 100 W
TECHNICAL DATA				
Max. machine length	Max. 6350 mm	Max. 5100 mm	Max. 5715 mm	Max. 5715 mm
Max. machine width	Max. 1460 mm			
Max. machine height	Max. 1850 mm			
Max. film speed*	40m/min		75m/min	60m/min
Max. packaging output*	200 PPM	150 PPM	750 PPM	200 PPM
Sealing jaw size (opt.)	250 (350) mm		250mm (custom)	350 (400) mm
Max. product height (opt.)	85mm (125mm)	125mm	110mm	140 (200) mm
Max. film reel width (opt.)	650mm (800mm)		450 (650) mm	800mm
Max. film reel diameter	400mm			
Max. film reel weight	40kg			
Standard Motorization	3-axis Stepless + 2 AC	4-axis Stepless + 2 AC	5-axis Brushless	4-axis Brushless
Infeed	Lug conveyor	Belt conveyor	Lug conveyor	
Outfeed conveyor length	900mm			
Infeed	7"		10"	

\*Depending on film characteristics

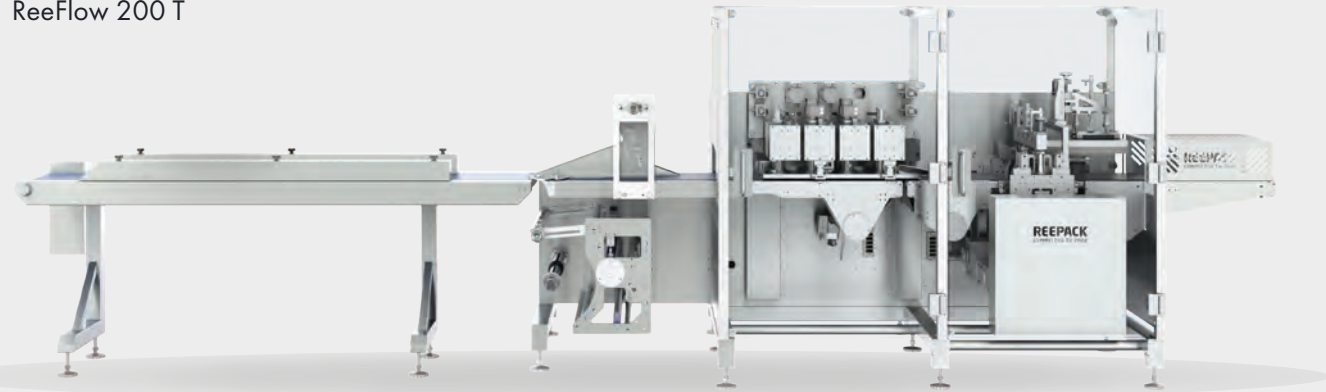


# Long dwell systems flow wrappers.

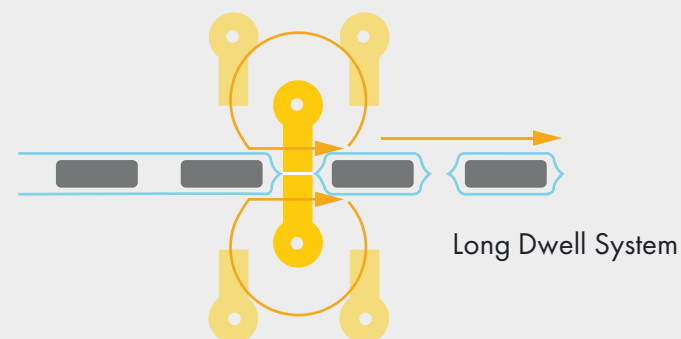
Compared to standard flow wrappers, Long-Dwell series allow for longer contact with the film for thicker or specialized films for an airtight seal without melting the plastic. Long-Dwell jaws allow for a max production speed of 120-140 PPM or 60m/min film speed. The ReeFlow 200 series are fully electric Servo driven solutions for high quality, precise, and high production capabilities.





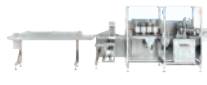
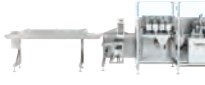
ReeFlow 200 T



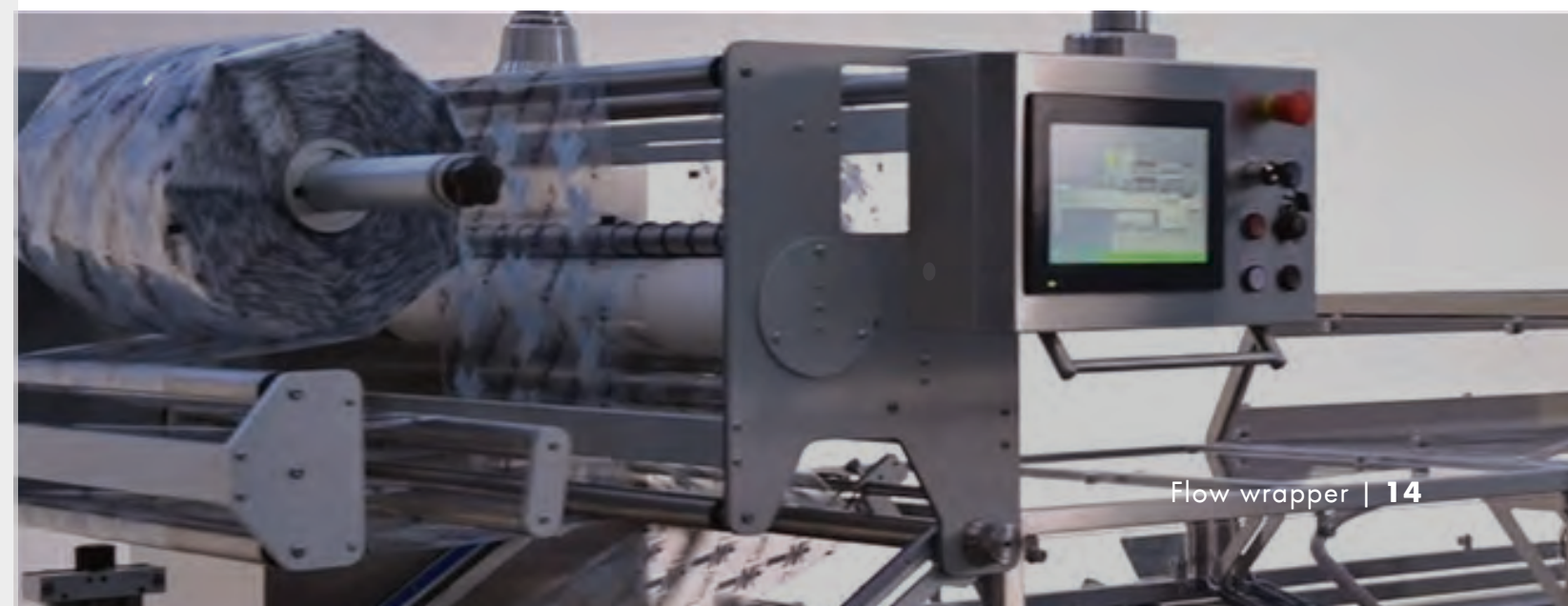
ReeFlow 200 B



# Long dwell systems flow wrappers.

	ReeFlow 200 T	ReeFlow 200 TW	ReeFlow 200 B	ReeFlow 200 BW
TECHNICAL DATA				
Max. film speed*	60 m/min			
Max. packaging output*	140 PPM	120 PPM	140 PPM	120 PPM
Infeed conveyor	1.5m lug conveyor		2m belt conveyor	
Film Reel Holder	Top position		Bottom position	
Long dwell jaw size (opt.)	250 (350) mm	350 (250/400) mm	250 (350) mm	350 (250/400) mm
Max. product height (opt.)	120 (170) mm	160 (170) mm	120 (170) mm	160 (170) mm
Max. film width (opt.)	650mm	800 (1000) mm	650mm	800 (1000) mm
Max. film reel diameter	400mm			
Max. film reel weight	40kg			
Touch screen panel	10"			
Standard Motorization (opt.)	4-axis Brushless (+5)		5-axis Brushless (+5)	
Max. machine length	5500mm		6150mm	
Max. machine width	1400mm		1400mm	
Max. machine height	2200mm		1800mm	
Outfeed conveyor length	900mm			

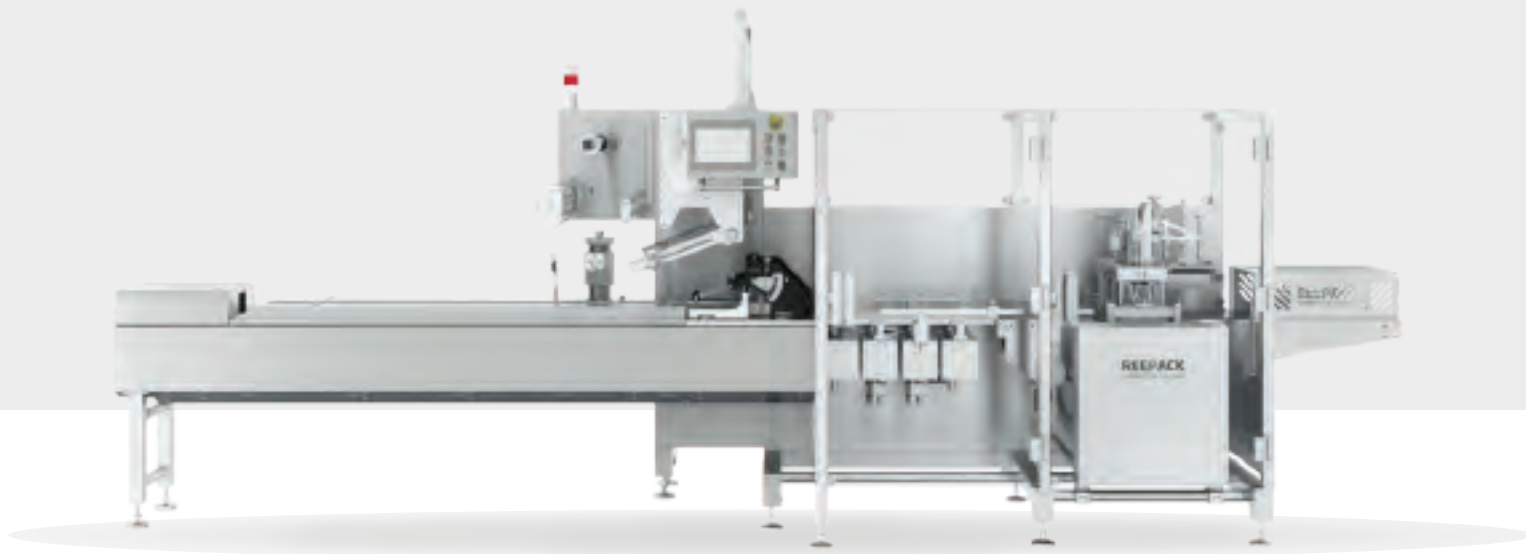
\*Depending on film characteristics and product.



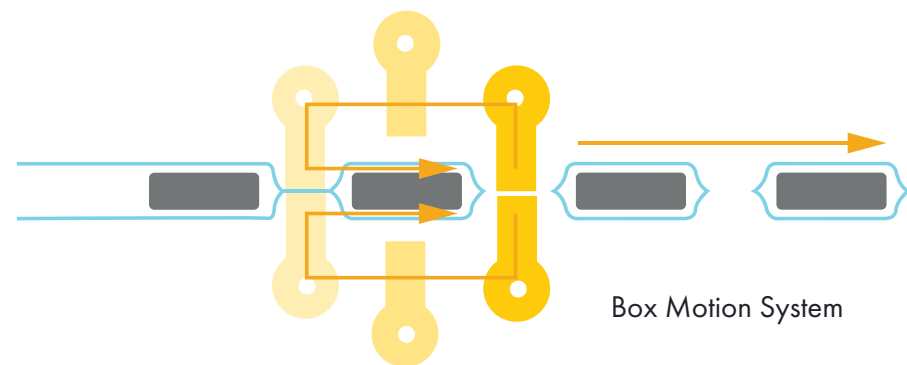


## Box-motion flow wrappers.

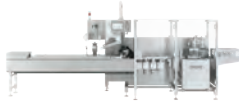


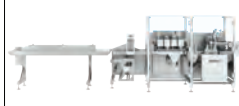
Unlike standard rotary flow wrappers, the Box-motion series Servo driven flow wrappers allow for longest contact with the film for very thick or specialized films for an airtight seal that require more contact with the sealing jaws. Box-motion jaws allows for a max production speed of 90 ppm with varying jaws or 60m/min film speed.



ReeFlow 300 B



## Box-motion flow wrappers.

	ReeFlow 300 T	ReeFlow 300 TW	ReeFlow 300 B	ReeFlow 300 BW
TECHNICAL DATA				
Max. film speed*	60 m/min			
Max. packaging output*	140 PPM	120 PPM	140 PPM	120 PPM
Infeed conveyor	1.5m lug conveyor		2m belt conveyor	
Film Reel Holder	Top position		Bottom position	
Long dwell jaw size (opt.)	250 (350) mm	350 (250/400) mm	250 (350) mm	350 (250/400) mm
Max. product height (opt.)	120 (170) mm	160 (170) mm	120 (170) mm	160 (170) mm
Max. film width (opt.)	650mm	800 (1000) mm	650mm	800 (1000) mm
Max. film reel diameter	400mm			
Max. film reel weight	40kg			
Touch screen panel	10"			
Standard Motorization (opt.)	4-axis Brushless (+5)		5-axis Brushless (+5)	
Max. machine length	5500mm		6150mm	
Max. machine width	1550mm		1550mm	
Max. machine height	2200mm		1800mm	
Outfeed conveyor length	900mm			

\* Depending on film characteristics and product.

FLOW WRAPPERS.

## 4-side sealing flow wrappers.

The ReeFlow 4S is a fully electric Servo driven solution with patented Planet Gear Motion System and Teflon coated jaws that each have temperature controls for accurate sealing and a pneumatic squeezing cutting device for lateral film rims.



ReeFlow 4S

These machines are ideal for MAP applications at high speeds for sliced meats, cheeses and more and can be directly connected to automatic industrial slicers. The maximum film speed on this units is 30m/min.

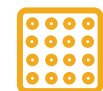
TECHNICAL DATA	ReeFlow 4S
Max machine length	3180mm
Max machine width	1460mm
Max machine height	1710mm
Max film speed	30m/min
Max product height	25mm
Bag width	Up to 300mm
Bag length	Up to 600mm
Sealing width	250mm
Max film width	350mm
Infeed belt	830mm
Outfeed conveyor length	770mm
Touch screen panel	8"

## Equipment options.

ReeFlow 4S



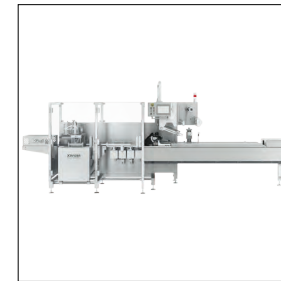
Second heated couple of longitudinal sealing rolls



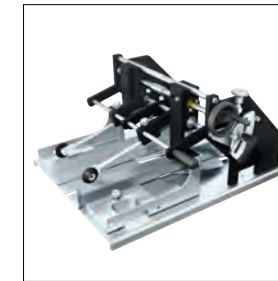
Film perforation system

## Equipment options.

Flow wrappers



Left-handed version



Fixed/ Adjustable folding boxes



Flat belt infeed/ multibelt feeder



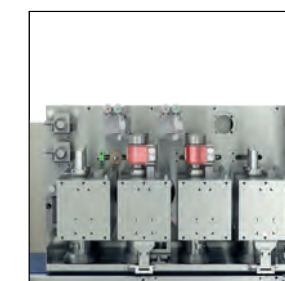
Fully automatic adjustments by recipe



Double reel holder with auto-splice



Misplaced product detection



Longitudinal sealing re-fill and trimming



Flow bag



Gusseting device



Deflating pressure pad



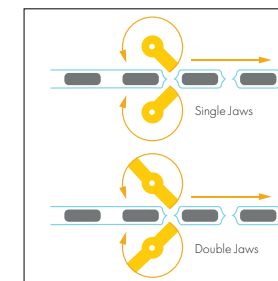
Gas flush, mix and analyzer



Quality control and reject system



Different sealing texture/width



Various jaw configurations

# ReeNEXT.

ReeNEXT is an optional program add-on to the machine's user interface that allows all automated Reepack machines on the plant floor to be connected directly to your ERP/MES system to better plan, control and analyse production processes. ReeNEXT allows you to monitor every packaging line parameter from the machine and transfers data to the packaging line.

ReeNEXT is used for secure end-to-end coordination of packaging line. It guarantees a user-friendly, fast, and accurate recording of the processes with backup and recovery. It is easy to use for networking and transferring production data to your business management and data structure, including predictive maintenance and tracking/tracing of your products.

Machine and energy source sensors monitor production flow, air, water, gas, and film consumption in real time. The machine has reliable tracking to predict any fault, for faster and less costly maintenance.

## Production planning

- Plan orders
- View real-time production
- View closed orders and costs
- View list of jobs of any machine

## Data analysis

- Analytics view of cost
- Cost for receipt, machine, and process
- Personalized center of cost
- Data export

## Maintenance

- Condition-based monitoring for predictive maintenance
- Complete control of all machine components
- Historical maintenance monitoring
- Manuals and videos to solve problems

# ReeNEXT.

## Live data

### Real time visibility.

- Production status & time lot
- Machine data
- OEE (overall equipment effectiveness)
- Real time alarms

### Control consumption.

- Live data for any machine sensor
- Monitor energy consumption
- Monitor production consumption
- Real time notifications





# Extensive equipment servicing.

## Equipment servicing & maintenance.

Our in-house service technicians keep your machines on a regular schedule to ensure your flow wrapper is always taken care of, and we will reach out when your machine is due for a service. Regular machine maintenance will prevent wear and tear, increase the lifespan of the machine, and lower chances of your machine breaking down. Our service team can also source and supply parts for flow wrappers, keeping everything you need readily available. Our team is also here to answer any questions that come up during production related to production, programming, and parts.

01

### Yearly comprehensive service plans.

Every 12 months, our service team will complete a comprehensive service and investigate any parts that need replacing. Part replacement will depend on your machine and added features. Reach out to our service team for more information on part pricing and maintenance fees.

02

### Breakdown service.

If your machine requires repair, we have an in-house service team who can offer quick on-site support, or we can help remotely if immediate support is needed. We have technicians available to prevent extensive downtime.

## Additional services.



**Factory acceptance testing:** To ensure seamless integration into your production from the get-go, we can test machines with your product for the desired specs and outputs before it reaches your facility.



**Installation:** Our technicians can ensure that the power and utility connections are hooked up properly on your machine and perform diagnostic tests to ensure your machine is working as expected.



**Commissioning:** Whether you need product or cycle specific programming, we can fine tune your machine for your needs, running it in a live environment to ensure an optimal end product.



**Training:** We offer training with our technicians to instruct staff on safe and proper operation of packaging equipment as well as best practices.



**Equipment diagnostics:** When there's a problem with your machine, our technicians can diagnose the issue and even support troubleshooting and recommendations for repair.



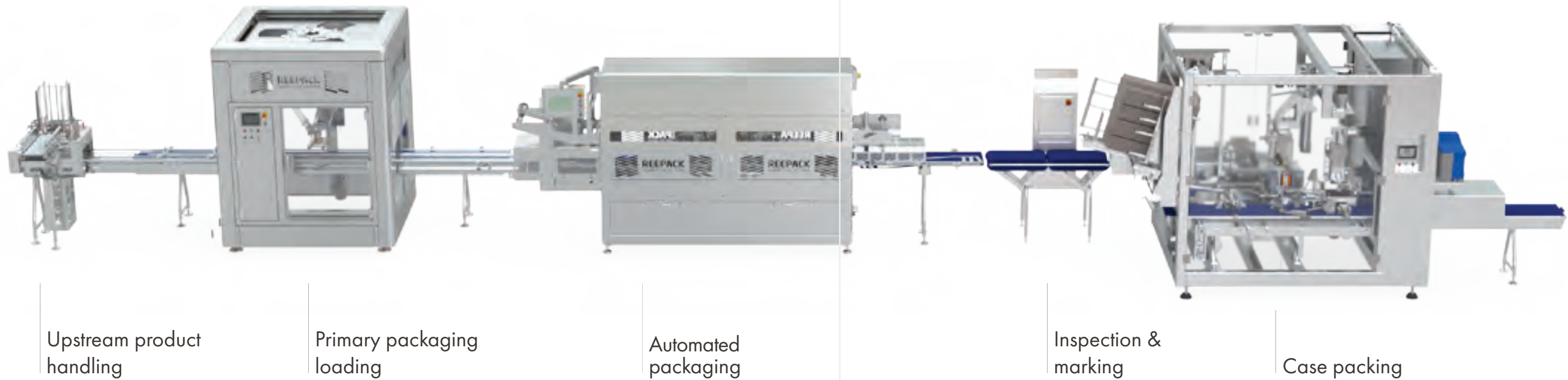
**Technical support:** We can arrange phone and email support to answer technical questions related to machine issues, identify required parts, and recommend additional solutions when it's not possible to be on site.



# Automated to the end of the line.

Looking for auxiliary food packaging equipment? We can provide a variety of automated equipment solutions that can work with flow wrappers to optimize your production line. From metal detectors and x-ray machines for quality control or pick and place robotics to automate your packaging cycle, we have you covered from the beginning of the packaging cycle right to the end.

- Lane converges or splitters
- Metal detectors
- X-ray machines
- Weigh/Price/Label machines
- Pick and place robotics
- Flow wrappers
- Tray sealers
- Band sealers
- Shrink wrapping equipment



# Notes.

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# Packaging matters.



**foodpak.com**

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