

Perfect your pack.
Thermoformers.

Compact & full-size equipment.



THERMOFORMERS.

FoodPak & Reepack

A perfect partnership.

food
pak

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

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.

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.

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.

Packaging machinery.

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



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.

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.

THERMOFORMERS.

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 thermoformers with different capabilities, our packaging consultants can help you find the right fit for any of these packaging types and applications. Thermoformers have a wide range of packaging styles across different units to suit your product.



Packaging options.

Film

Types of Films

- Flexible
- Semi-rigid
- Rigid
- Monostructure
- Paper
- Skin
- Shrink

Film Features

- Microwaveable
- Oven safe
- Re-sealable
- Anti-fog
- Micro-perforated
- Easy peel
- Lock seal



Forming

Types of Forming



Flexible forming



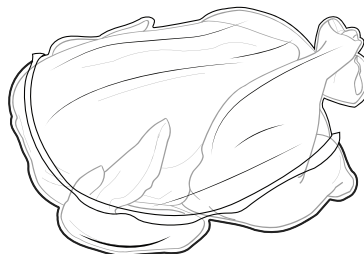
Semi-rigid forming



Rigid forming



Forming on paper



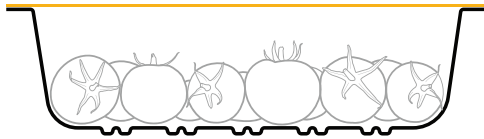
Forming with shrink film

Packaging options.

Sealing & Atmosphere

Applications

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, or fresh products with micro-perforations and other breathable films.



Straight seal (No M.A.P.)

Modified atmosphere packaging (MAP):

In this process, air is vacuumed out and replaced with carbon dioxide, nitrogen, or a gas mixture. This is used to extend the shelf life and keep products fresh, especially with delicate or perishable foods.



Modified atmosphere packaging (MAP)

Vacuum packaging: Air is removed from the flexible packaging to protect the product from oxygen, extending the shelf life. This is often used with a tightly sealed package when the product has more rigidity.



Vacuum

Vacuum skin pack (VSP) + pro-skin:

Skin packaging uses a specialized film which seals to a rigid or semi-rigid bottom film. When heated, the film will form around the product and act like a second skin for a professional appearance.



Skin

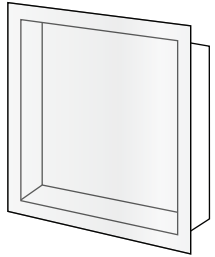


Pro-skin

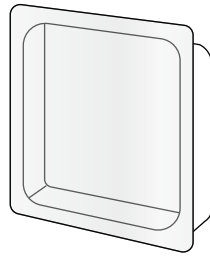
Presentation Options and Add-ons

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

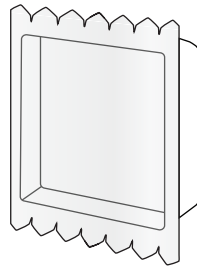
Cuts



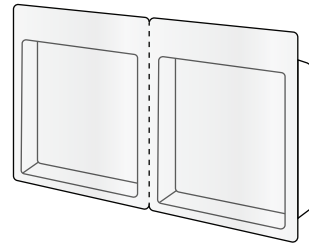
90° Cut



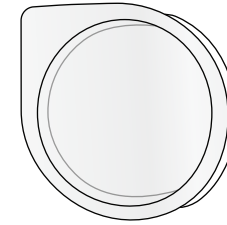
Cut with round corner



Zig zag cut



Perforated cut for multi-packs

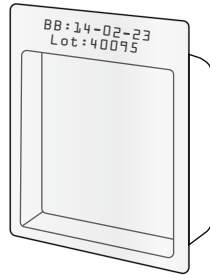


Contour cut

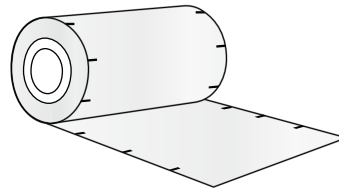
Printing & Labelling



Automatic label applicator

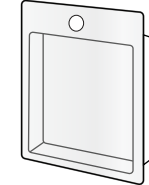


Printers for date/
lot coding

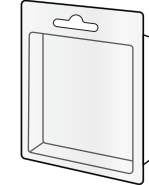


Photocell registration for
aligning printed top film

Rigid film hang holes

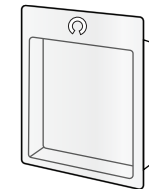


Round hole

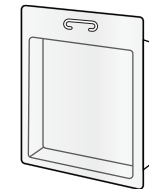


Sombrero hole

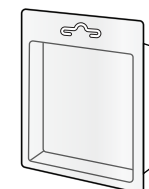
Flexible film hang slots



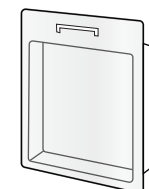
Round slot



Oval slot

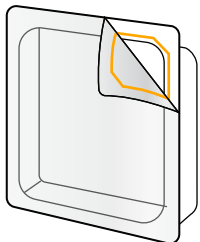


Sombrero slot

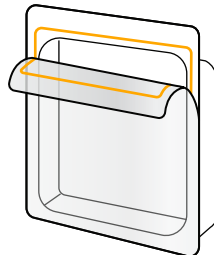


Rectangular slot

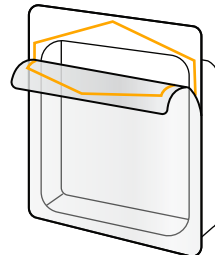
Opening Aids



Peel corner



Flat peel



Chevron peel

THERMOFORMERS.

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.



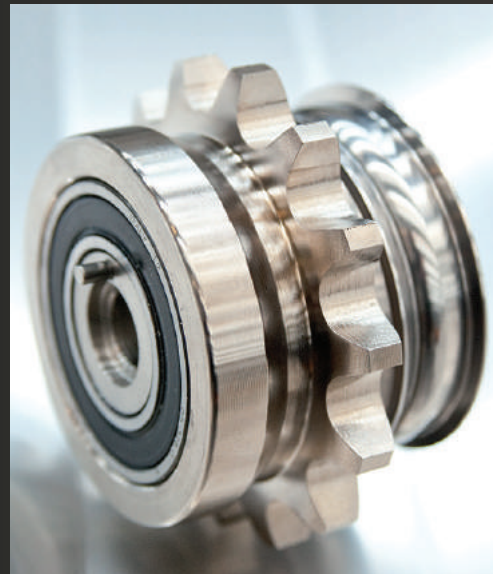
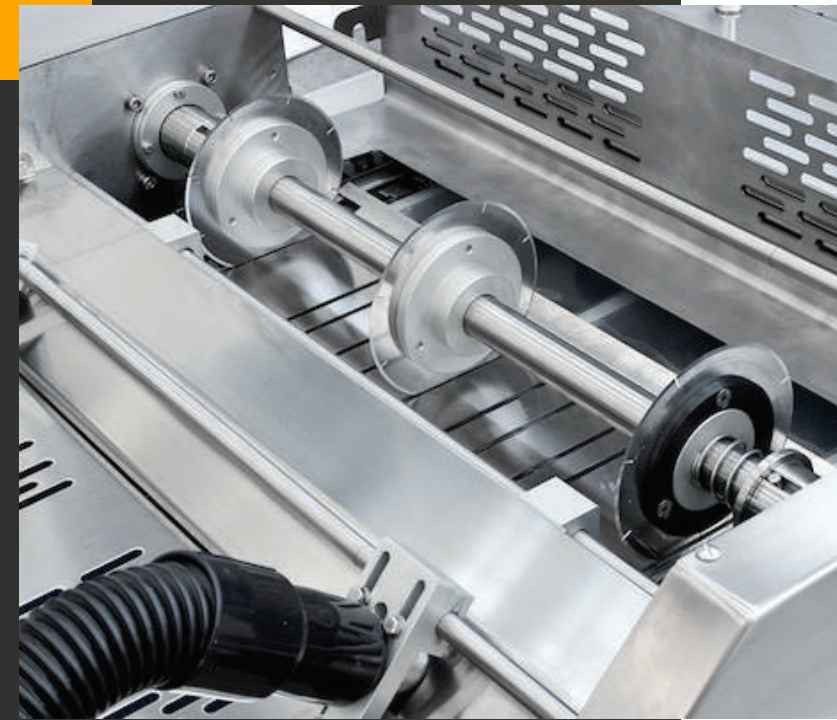
Electric sealing systems: Quiet, eco-friendly system that saves energy compared to pneumatic systems.



Mechanical film tensioning: Optimal film tension maintained for even the thinnest films.



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 thermoforming 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.

THERMOFORMERS.

How thermoformers work.



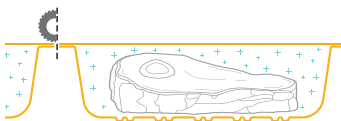
The bottom film is unwound onto the forming station, where heat and air (with or without a vacuum) are applied around a mould to create a pocket.



A production worker or machine then fills the pocket in the loading area with product.



The filled package will make its way to the sealing station where the package is vacuumed and modified atmosphere is added if necessary based on specifications. The top film is then heat sealed to the bottom film.



The sealed product is then cut with transverse and longitudinal cutters if there are multiple packages per row and fed from the outfeed chute to be packed, or to continue on a conveyor to upstream equipment.



1 of 3

Ideal packaging solutions.

From the beginning to the end of the cycle, these compact units are equipped with a variety of quality features. Reepack thermoformers are food-grade stainless steel, great for hygienic washdown environments, and the easy-to-use programming and a user-friendly touch screen interface requires minimal training.



1 Bottom Film Reel Mounting



Pneumatic shaft

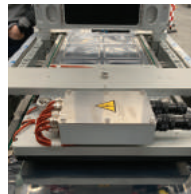


Motorized
jumbo roll
support



Bottom film print
registration

2 Forming Station



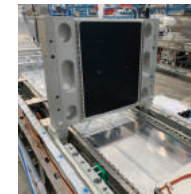
Film preheat



Plug assist



Vacuum forming



Hinged upper
chamber for quick
format change

3 Loading Station



Protective masks



Roller support for
heavy products
(vibrating option)

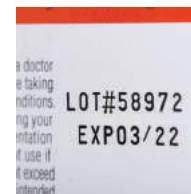
4 Top Film Reel Mounting



Pneumatic shaft



Top film print
registration



Printing unit for
date/lot coding

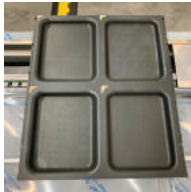
2 of 3

Ideal packaging solutions.

5 Sealing Station



Modified atmosphere packaging



Skin sealing



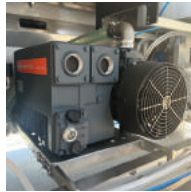
Pro-skin sealing



Easy-peel corners



Film preheating



Vacuum pump inside machine frame



Upgraded vacuum pump outside machine frame



Vacuum booster

7 Longitudinal Cutting System



Rotary blades



Squeeze cut device

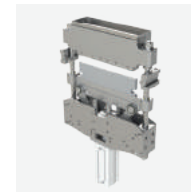


Roller shear device

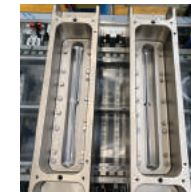
6 Transversal Cutting Station



Cutting guillotine



Punch system

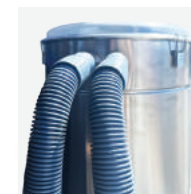


Male-female punch system

8 Film Waste Collection



Rewind system with motorized rolls



Vacuum system

3 of 3

Ideal packaging solutions.

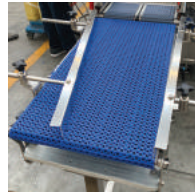
9 Product Discharge



Outfeed chute



Automatic outfeed belt



Line converger/
diverger

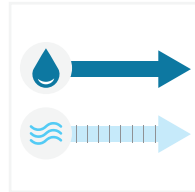
Additional options & features



Water chilling unit



Automatic chain lubrication



Automatic air/water
discharge system



Tooling rack
trolley



Cross-web
labeler bottom



Cross-web
labeler top



THERMOFORMERS.

Our range of

thermoformers.

	ReeForm E05					ReeForm E10					ReeForm E30					ReeForm E40					ReeForm T45					ReeForm T55				
TECHNICAL DATA																														
Machine length	Max. 3350 mm					Max. 3900 mm					Max. 4500 mm					Max. 4500 mm					Variable									
Machine width	Max. 1100 mm																				Variable									
Machine height	1700 mm															1820 mm					1820 mm									
Cut-off length	200 mm - 220 mm - 240 mm - 270 mm - 300 mm																				Variable according to Configuration									
Bottom film	320 mm - 360 mm - 420 mm																				Max. 420 mm					Max. 620 mm				
Product loading area	600 mm	660 mm	720 mm	810 mm	600 mm	600 mm	660 mm	720 mm	810 mm	600 mm	1000 mm	1100 mm	1200 mm	1080 mm	1200 mm	1000 mm	1100 mm	1200 mm	1080 mm	1200 mm	Variable									
Free position	3	3	3	3	2	3	3	3	3	2	5	5	5	4	4	5	5	5	4	4	Variable									
Thermoforming depth	Max. 80 mm *					Max. 100 mm *					Max. 100 mm *					Max. 120 mm*(150 mm)*					Max 120 mm* (150 mm)*									
Air pressure	6 - 8 bar																				6 - 8 bar									
MAP	✓					✓					✓					✓					✓					✓				
Skin						✓					✓					✓					✓					✓				
Pro-skin																✓					✓					✓				
Bottom film thickness	300					400										600					900					900				

*Valves may vary according to products and materials, settings, and vacuum pump configuration.



ReeForm E05

Compact thermoformers.

A compact entry-level thermoforming machine for small and medium production output. If you're wanting to upgrade from a chamber vacuum sealer, this is the next step to increase production and enter the world of automation.



ReeForm E10

THERMOFORMERS.

Full-size thermoformers.

A full-size thermoforming machine for medium production output. These machines are ideal when a higher production speed or thicker films are required, or when upgrading from entry-level form fill and seal machines.



ReeForm E30



ReeForm E40





ReeForm T45/ReeForm T55

Custom thermoformers.

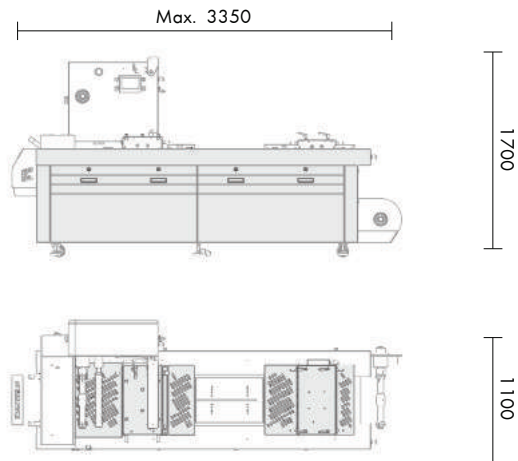
Thermoforming machines are great for high-volume output used for a wide variety of packaging applications. These are the most versatile, fastest units with the most options available to fit high production needs and modern packaging solutions. With capacity for flexible to rigid films up to 900um, these workhorses are the reliable option with the same user-friendly, programmable interface as the smaller units. These units are ideal with high levels of expansions to grow with your business to any level.

THERMOFORMERS.

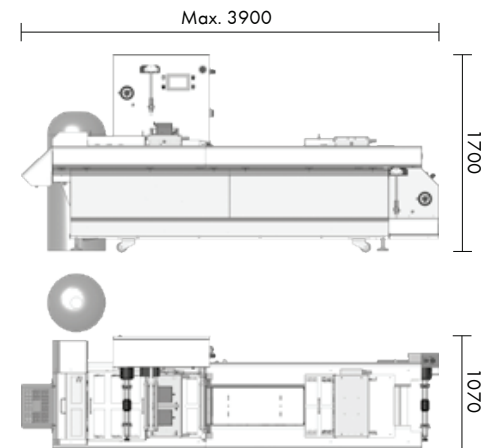
Machine dimensions.



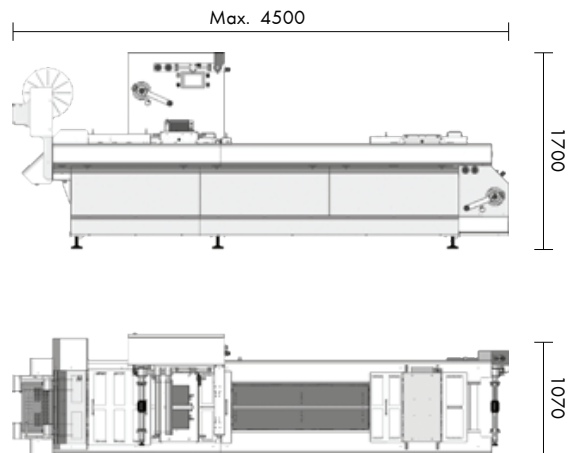
E05



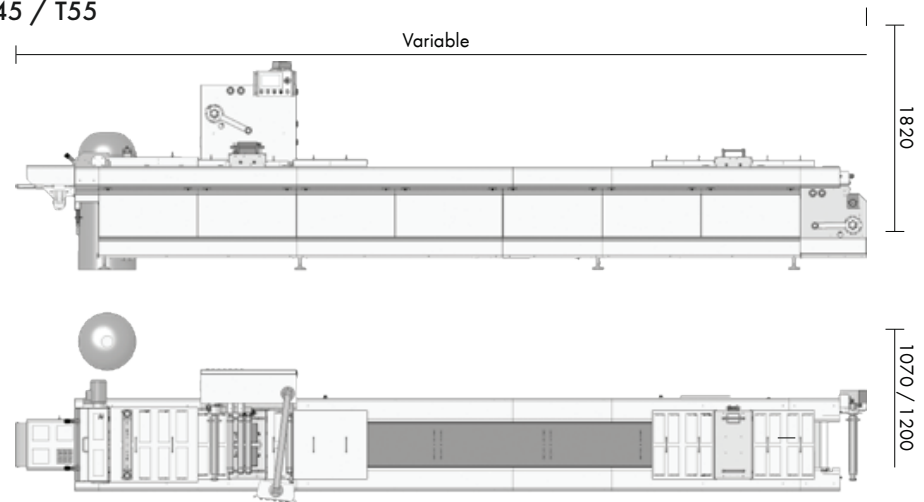
E10



E30 / E40



T45 / T55





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 tray sealer 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 tray sealers, 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

6 month standard service.

All packaging equipment undergoes natural wear-and-tear that occurs over time and prolonged use of parts. To prevent these parts from becoming an issue in production and maintaining maximum efficiency of the parts involved, we service automatic tray sealers every 6 months to replace consumable parts.

02

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.

Breakdown service.

Breakdowns can be stressful. Delays in production can become a huge problem in both time and costs, which is why having technicians available is highly important at FoodPak.

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.



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



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.



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



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.

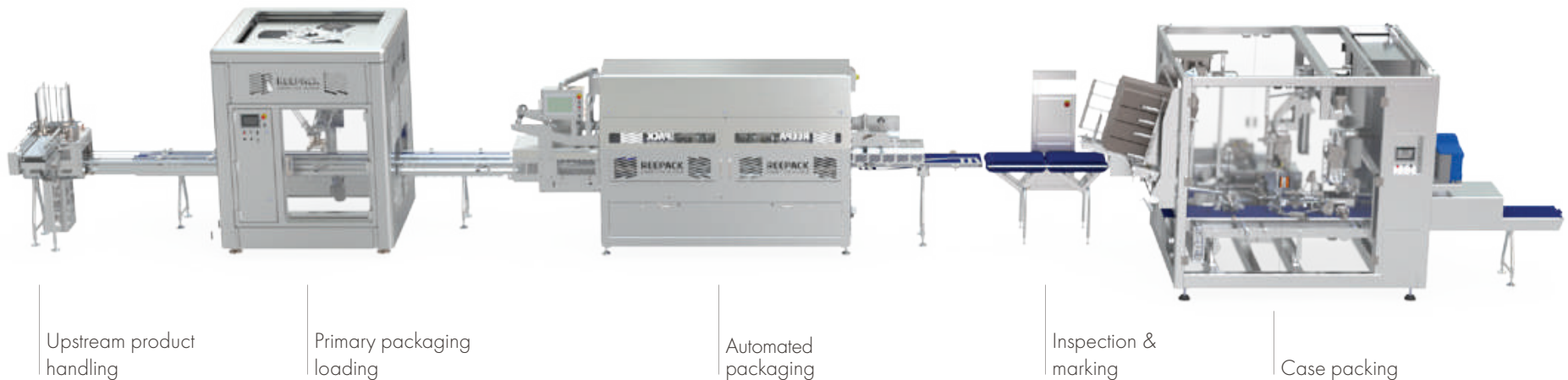


Technical Support: We can arrange phone and email support to answer technical questions related to machine issues, identify required parts, and recommend additional solutions when it's not possible to be on site.

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 thermoformers 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.

food
pak



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🌐 foodpak.ca