

For the Perfect Pack

Accurate, efficient end-of-line systems



- Labeling
- Weigh price labeling
- Checkweighing
- Packing and collating
- Quality inspection

Make it fit



Weigh it right

Pack it tight



Increase productivity and profits

Marel offers a full range of end-of-line equipment. From single packing stations and stand-alone labelers to advanced, sophisticated lines that can be integrated with Innova food processing software to provide real-time monitoring and full product traceability.

Accurate and efficient weighing, labeling and packing equipment

Marel's systems – consisting of weighing units, packing stations, checkweighers, weigh price labelers, label applicators and pack handling equipment – consistently deliver perfectly handled packs and batches by automating the end-of-line operations. This minimizes manual intervention, reduces costs, improves product flow and increases throughput.

Low running costs and a flexible approach

Low running costs are a core feature of Marel's solutions. Systems are designed to lower costs, minimize labor and improve product flow in any size of an operation. The company offers full services, complete with installation, commissioning and full after-sales support. Marel's aim is to always deliver outstanding performance, quality and reliability to improve its customers' productivity and profits.

Tailored to different needs

Marel tailors every system to each processor's need with a flexible, modular approach. Solutions are scalable and can be mixed and matched to meet very different requirements.

Fast, accurate and reliable checkweighing

Marel checkweighers can inspect the weight of virtually any product, including meat, fish, poultry, ready meals, cheese, fruit and vegetables. They work quickly and reliably in the harshest of environments – even those in excess of IP69 – to very high levels of accuracy.

Ensure compliance with weight legislation

The MCheck 2 checkweigher is approved for process and end-of-line applications making it an ideal choice for any food processing company. It can monitor and optimize the accuracy of processing equipment and ensure compliance with weight legislation across a wide range of products. It is available with an optional single or multi-frequency metal detection to ensure quality control on single and multi-product lines.

Weigh price labelers

The Marel 9000 series weigh price labelers employ the latest design and technology to provide excellent performance with low running costs using long-lasting, high-quality print heads. The weigh price labelers provide efficient top, base, standard wraparound, c-wrap partial wraparound labeling in single or multihead configurations.

Quick, accurate and low cost

Designed for a wide range of applications, the weigh price labelers can handle all standard pack sizes at up to 160 packs per minute over long periods of time. This makes them ideal for meat, cheese and other products that must be wrapped, weighed and labeled quickly and accurately. They regulate their own speed and align packs precisely for perfect label positioning and printing. Long lasting print heads lower costs.

Collate packs to a target count or box weight

Marel offers simple packing stations that grade products to collate fixed count, fixed weight or a combination of both, with totalized labels at speeds of up to 60 products per minute. The station can easily be integrated with the company's weigh price labelers. It produces labels for box, pallet and job weight totals.

Automatic pack handling

Automating pack handling and batching equipment is available that is designed to lower costs and improve product flow and throughput. Controlled by Innova food processing software, Marel's Tray Diverter and Tray Grader greatly reduce the need for manual handling. They help processors get perfectly labeled and accurately tracked packs and batches with totalized labels every time.

Automatic box and crate labeling

Marel's outer case marker automatically weighs, prices and labels boxes or crates at speeds a manual operator could only dream of. Labels can be applied to the front and side of the box by a combination of up to 8 label applicators, including the printing of barcodes, best before dates and product as well as warehouse tracking information. When linked to the Innova software, a product is consistently and accurately tracked to meet traceability needs.



Highly efficient weigh price labeling with automated labeling quality assurance and pack handling

Label it well



Labeling for every pack type

Marel offers a wide range of labeling machines that ensure that even the most delicate or fragile products can be labeled. Marel labelers provide plain text labels for all sorts of promotional and descriptive purposes. Labels can be applied via a variety of methods and configurations onto all kinds of packs or products. There's virtually no product that can't be labeled. Whatever the product or labeling method, Marel can do it. A single machine or integrated system is available for each of the following processes:

- Standard linerless wraparound
- C-wrap partial wraparound
- Base, top and side
- Promotional

Labeling quality assurance

Marel's VisionCheck equipment automates the labeling quality assurance process and minimizes the risk of fines and recalls. The application automatically verifies that the correct label stock has been used, printed data is correct and legible and checks if labels are correctly located and oriented. Any packs that fail inspection are diverted from the line.

Guaranteed cold chain

Marel's labelers are Tempix compatible. The Tempix innovative label indicator shows if the cold chain has been broken or has remained intact. The time and temperature smart label tracks cumulative temperature violations in the cold chain. An intact indicator guarantees that the product has been handled correctly and is in good condition when sold in the store.



checkweighing and flexible labeling

Track it fast

INNOVA

Food Processing Software

Innova Weigh Price Labeling

Innova Weigh Price Labeling allows users to control and monitor all weigh price labeling operations in a single system. It can be used as a standalone application or plant-wide solution. Innova is easy to control and program remotely. It offers efficient real-time monitoring and performance reporting.

Innova Weigh Price Labeling reports on performance, weight and throughput based on actual runs. The weighing method can be catch, fixed or e-weighing and items can be automatically boxed and then palletized based on count or weight.

Innova Checkweighing

The software module manages product definitions, sets up the Checkweigher and monitors production results in reports and real-time dashboards. Innova Checkweighing tracks

operational performance and helps optimize production line efficiency. It helps ensure compliance with average weight legislation, using detailed e-weighing reports. Reports on weight distribution and giveaway for items or packs and on the accepted and rejected number of products due to over/under weight are easily accessible.

Innova Overall Equipment Effectiveness

The Innova Overall Equipment Effectiveness module uses the OEE industry standard to deliver the four, vital production equipment KPIs: availability, performance, quality and effectiveness. Runtime information is picked up from the production lines in real-time. The software provides an instant view of the current state of production.

Innova OEE is designed to improve production flow by identifying where preventative maintenance may be needed, allowing operators to act in time and prevent downtime. By using Innova OEE processors can improve margins and order-fulfillment rates.

For more information visit marel.com/perfectpack



Marel is the leading global provider of advanced equipment and systems for the fish, meat and poultry industries.

With offices and subsidiaries in over 30 countries on six continents and a vast global network of agents and distributors, Marel's expertise in local markets and requirements helps it deliver the best processing innovation for its customers.

Our dedicated R&D teams ensure that we provide the latest technology for all stages of the processing value chain; ranging from single scales to integrated production lines and turnkey systems.