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ABOUT US



Perfect Automation brings together global packaging technology, industry expertise, and a dedicated team approach to deliver tailored solutions for Australian manufacturers.

Through our partnership with Omori, we combine international innovation and engineering with local expertise to deliver packaging solutions that perform. Providing an all-in-one experience, we bring together advanced machinery, technical expertise, packaging films, and ongoing support to deliver complete packaging solutions tailored to our customers' operations.

By taking a customer-focused approach, we help manufacturers achieve efficiency, reliability, and long-term success.

- ✓ Tailored Turnkey Solutions
- ✓ Production Optimisation
- ✓ Sustainability Initiatives
- ✓ Maintenance and Servicing

When it comes to packaging, perfection is not just a goal; it's our commitment to you.

OUR CUSTOMERS



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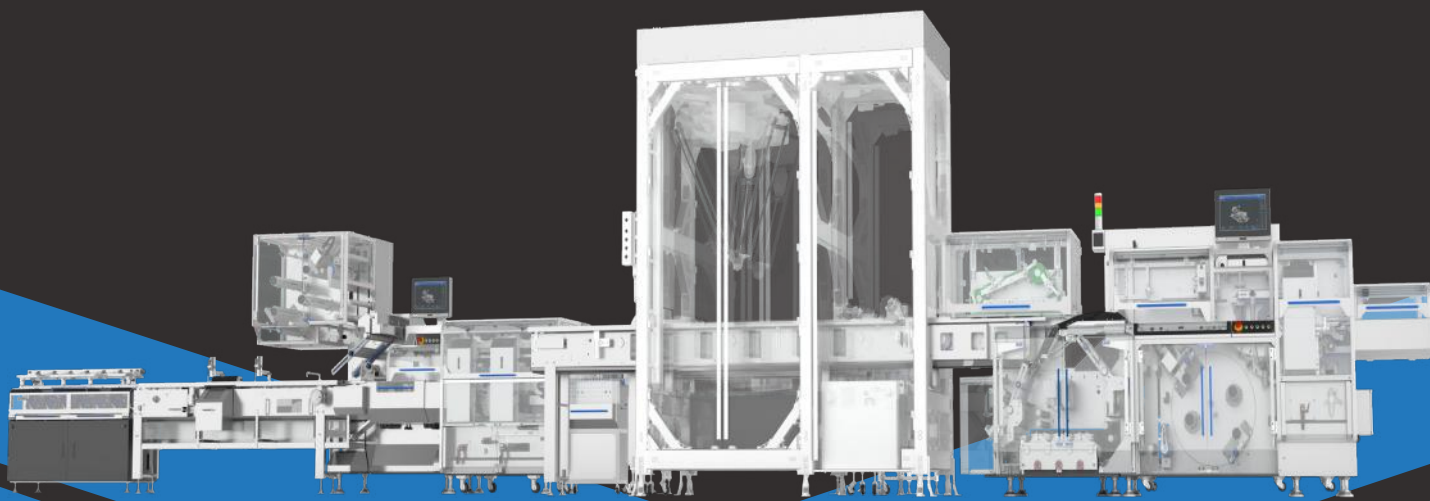


A Powerful Partnership in Packaging Excellence

Since 1948, Omori Japan has been dedicated to the advancement of packaging technology, developing high-performance systems engineered for precision, reliability, and consistent performance across global supply chains. With manufacturing facilities across Japan, Europe, America, and India, Omori continues to support manufacturers worldwide with advanced packaging solutions designed for the demands of modern production.

Perfect Automation's partnership with Omori combines more than 20 years of Australian packaging expertise with over 75 years of engineering excellence. Together, we provide manufacturers with access to globally proven packaging technology, supported by the technical knowledge and experience needed to seamlessly integrate and optimise solutions for Australian production environments.

With a proven history of customised installations across Australia, Perfect Automation understands the challenges faced by local manufacturers. By combining Omori's global engineering capability with our local industry expertise, we deliver packaging solutions tailored to meet the specific requirements of each production environment.



CUTTING EDGE MACHINERY

Enhance Your Capabilities



The Omori NSW-7000 Series delivers enhanced flow wrapping performance through improved flexibility, efficiency, and operator-focused design.

Building on the proven S-5000 Series, the NSW-7000 introduces advanced features that simplify operation, improve maintenance access, and maximise production reliability.

Its modular design allows individual units and components to be easily removed and replaced without a complete machine shutdown, reducing downtime and improving service efficiency.

The NSW-7000 incorporates Omori's revolver-type heat seal splicer for precise and efficient film joining during changeovers, while advanced ultrasonic sealing technology for both end and fin seals enhances seal quality, supports easy-open functionality, and delivers reliable product freshness without the need for additional coating materials.

The improved sealing capability also enables the use of a wider range of mono-material films, supporting the transition towards more sustainable packaging solutions while maintaining high-speed production performance.

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Rotary Sealing Models

Speed: Up to 1000 packs/min

Rotary Jaw Sealing employs rotating end seal jaws, enabling Flow Wrappers to achieve high speeds. These wrappers are available in various configurations, including single, twin, triple, and quad jaw setups. The Rotary Jaw Flow Wrappers are available across a spectrum, ranging from entry-level hand-fed machines to comprehensive automatic lines.



Inverted Models

Speed: Up to 200 packs/min

Inverted Flow Wrappers are specifically designed with the film fed from a reel at the bottom of the machine, eliminating the requirement for trays when packaging loose product. This design proves to be ideal for fragile, irregular, or heavy products that can be securely carried by the film during the packaging process.

Box Motion Models

Speed: Up to 400 packs/min

Box Motion Flow Wrappers employ genuine Box Motion on the end seal jaws, allowing for extended sealing times. This increased dwell time enables them to effectively seal thicker wrapping materials, resulting in a higher quality seal for the product. These wrappers are particularly well-suited for taller and heavier items, as well as applications involving modified atmosphere packaging (MAP), as they can deliver airtight seals, ensuring the preservation and freshness of the enclosed products.



ENHANCED PERFORMANCE **COMPLETE LINES**

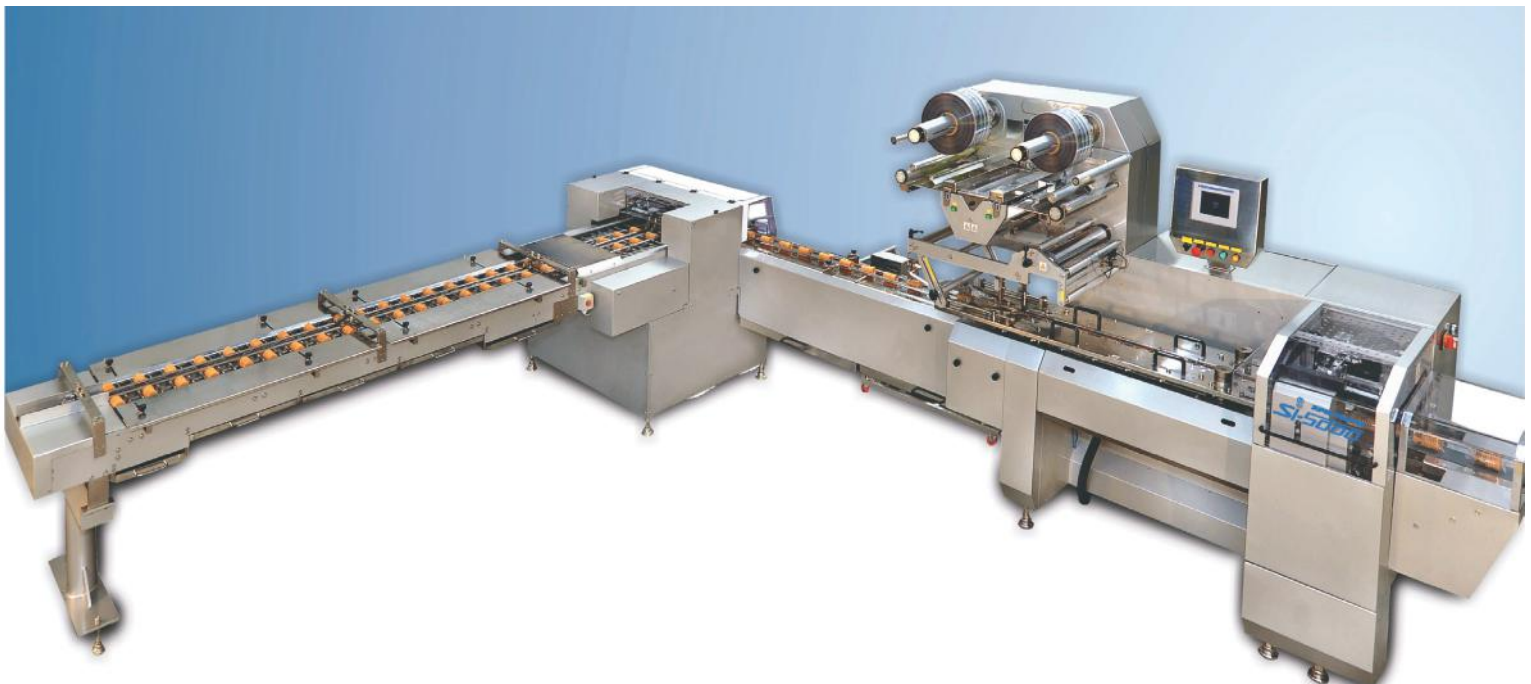


Beyond individual packaging machines, Perfect Automation delivers complete end-of-line solutions designed to optimise production efficiency, reduce complexity, and streamline manufacturing operations.

By integrating advanced packaging equipment, automation, inspection systems, conveying, and handling solutions, we create fully tailored systems designed around each customer's production requirements.

From primary packaging through to finished product handling, our team combines global machinery equipment with local engineering expertise to deliver seamless, reliable, and efficient packaging lines across a wide range of industries including food, pharmaceutical, cosmetics, and consumer products.

Whether upgrading existing operations or developing a new production line, Perfect Automation is backed by our partnership with Omori, combining proven experience, engineering capability, and advanced packaging technology to deliver complete solutions from concept through to production.



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STRETCH WRAP INNOVATION

EMBRACING SUSTAINABILITY: Shifting Away from PVC Films in Packaging

Traditionally, fresh food growers have used stretch wrap film to control and protect oxygen and moisture levels. PVC film, known for its excellent stretching power, memory, and good adhesive functionality, ensures the effective adhesion of flaps to the tray bottom. These characteristics set PVC apart from most non-PVC films.

In a groundbreaking move that addresses the industry's challenge of finding alternatives capable of handling delicate produce such as mushrooms, which has a high decomposing rate, Asahi Film has innovatively developed a polyolefin film (POF). This film successfully transitions fresh produce away from PVC film. This innovative solution is designed to address the high decomposition rate associated with delicate produce, offering a viable transition away from traditional PVC film. Demonstrating its effectiveness, this polyolefin film has successfully extended the shelf life of Japanese mushrooms by 2–4 days under processing conditions similar to Australia.

This is particularly significant, as alternative films within the industry lack the capability to match the performance characteristics of PVC films or face challenges in functioning seamlessly with Tray Stretch Wrappers.

In response to this industry-wide gap to replace PVC films, Asahi Film's innovation not only stands as a viable alternative but also represents a superior choice. Effectively addressing the industry's need for a suitable replacement for PVC films with precision and excellence.

As a multinational corporation based in Japan, Asahi Films specialises in producing high-quality sustainable films on a global scale. Established in the 1920s, Asahi Films has consistently pursued innovative solutions while maintaining a commitment to superior quality.



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DURABLE TRAY STRETCH WRAPPERS

STN-8500 Tray Stretch Wrapper

Our Omori STN Stretch Wrapper has earned its reputation as the only wrapper globally designed to use less film for specific packaging needs. It stands as the ultimate packaging machinery for fresh produce such as mushrooms, meat, fish, and vegetables. This servo Tray Stretch Wrapper incorporates an advanced vacuum and shutter flap folding system, along with an orbital motion cutting device, enabling the achievement of ultimate speeds while ensuring high-quality presentation.

Speed: 30 - 80 packs/min Cycle Motion Max 120 packs/min Continuous Motion
Product Size: 100 - 400mm L x 80 - 210mm W x 15-60mm H



STC- N5. N6. N7. Series

The STC Series offers a solution for wider trays. Compact and efficient, these Tray Stretch Wrappers stand as the ultimate packaging machinery for various fresh produce such as mushrooms, meat, fish, and vegetables.

Speed: Max 60 packs/min
Product Size: 100-400mm L x 80-260mm W x 15-60mm H



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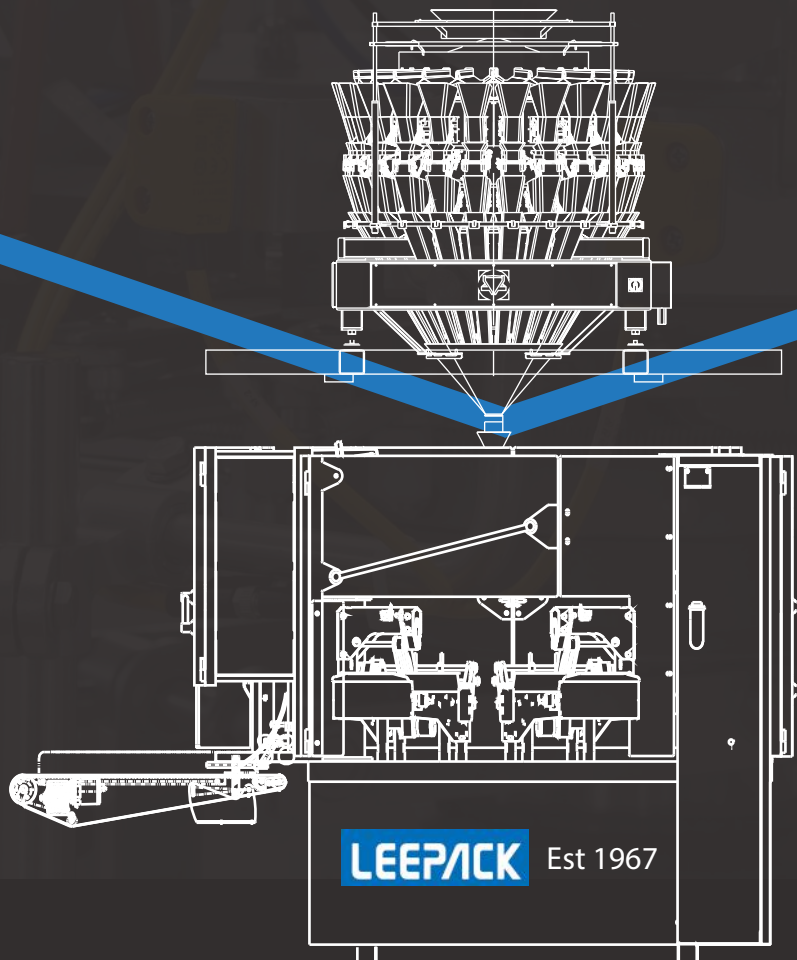
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EXCEL WITH LEEPACK

Leepack manufactures packaging equipment renowned for its unparalleled durability and versatility on a global scale. These machines are specifically designed to deliver exceptional performance, incorporating a patented zipper opening device and gripper design. Engineered for swift changeovers, they require minimal setup to accommodate pouches of various sizes.

As global leaders in the packaging industry, Leepack is recognised for its efficient and high-quality pouch machines. Specifically tailored for the seamless operation of loose products, powders, and liquids, these machines prioritise product safety through an automated process. This capability enables turnkey solutions to attain peak efficiencies, specifically catered to meet consumer demands.

With over 19 years supporting Leepack pouch machines, Perfect Automation has developed extensive knowledge of their application, installation, and servicing requirements. Combined with a strong history of successful Leepack installations across Australia, our team provides manufacturers with the confidence of proven technology and dedicated local support.





PROVEN TECHNOLOGY

Simplex

Simplex Pouch Machines feature a single gripper system tailored for smaller distribution lines, ensuring seamless integration and flexibility without compromising performance.

Speed: 40-60 pouches/min

Station Configuration: 6-10 Stations

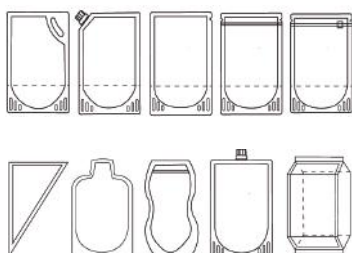


Duplex

The Duplex Pouch Machines have a proven track record in facilitating stable production of small- and medium-sized products with a dual gripper system. It stands out as the optimal solution for customers seeking high productivity under frequent shifts in production.

Speed: 80-100 pouches/min

Station Configuration: 7-10 Stations



INNOVATIVE POUCH MACHINES

Quadruplex

Quadruplex Pouch Machines stand as the pinnacle of packaging efficiency. These state-of-the-art machines reach high speeds, providing an unparalleled packaging solution for industries with rigorous production.

Speed: 140-160 pouches/min
Station Configuration: 7-8 Stations



Vacuum Sealing

Incorporating a vacuum suction chamber allows for effortless processing of foods that necessitate extended shelf life by removing all or most of the air from food packages.

Speed: 30-50 pouches/min
Station Configuration: 8-12 Stations

Optional Fillers & Feeders

Enhance production efficiency with versatile fillers and feeders, ensuring optimal output and performance.



HIGH QUALITY COMPLETE LINES

Perfect Automation specialises in the design of comprehensive packaging machinery systems, including weighers, liquid fillers, and powder fillers capable of achieving speeds up to 100 pouches per minute. In high-capacity production environments, a fully automated process is essential, and our solutions not only meet but exceed these demands. Our machines provide the versatility needed for efficient changeovers, ensuring adaptability and flexibility in your packaging operations. This sets the stage for continued success in both current and future operations.



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MULTIWEIGH

Weighing equipment plays a pivotal role in manufacturing processes, ensuring consistency, precision, and accuracy of products. Achieving optimal production efficiency requires seamless operation and minimal downtime across all equipment.

German-engineered to perfection, Multiweigh excels in high-capacity lines. Powered by advanced Linux software, Multiweigh provides the most flexible and stable operating system available worldwide. What sets these weighers apart from all other weighing systems is their unique "direct drive" design, which reduces the number of contactable parts compared to any other weigher on the market. This design not only enhances reliability but also ensures precision and longevity across a broad spectrum of products.



Multi-head Weighers

Multihead weighers are the ideal solution for packaging a diverse array of items. Manufactured to accommodate a wide range of products, this system leverages multiple hoppers to deliver tailored solutions for handling delicate, sticky, large and heavy products. With unparalleled versatility, multihead weighers can achieve high speeds of up to 300 units per minute, depending on product requirements. Engineered for flexibility, these units meet customer demands while ensuring precision and reliability, making them perfect for high-capacity production lines.

MW XV 10-4.0

Weighing Heads: 10

Weigh Range: 50g-10kg

Volume/Discharge Max: 10.000ccm

MW XV 14-4.0/6.0

Weighing Heads: 14

Weigh Range: 200g-3kg

Volume/Discharge Max: 12.000ccm

MW -20-2.0-GS Twin

Weighing Heads: 20

Weigh Range: 200g-1kg

Volume/Discharge Max: 5.000ccm Volume

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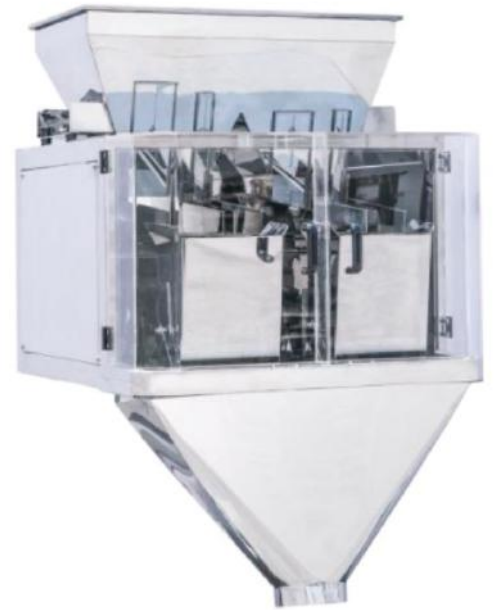


LINEAR WEIGHERS

Linear weighers offer rapid, hygienic, and precise packaging by completely eliminating the necessity for manual bag filling. Ideal for both entry-level operation and small-scale production runs, a single-head weigher represents an efficient and accessible option in the realm of packaging solutions.

Features

- Capable of mixing and weighing different products simultaneously at one discharge.
- Utilises a stepless vibrating feeding system for smooth product flow.
- Parameters adjustable to suit different production needs.
- Pre-set up to 99 programs for ease of operation.
- Includes a piece counting function.



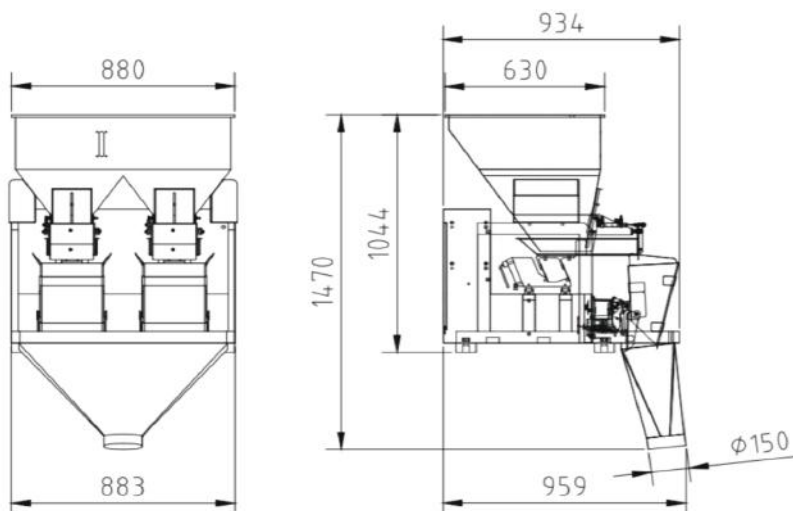
HS-H2L8

Weighing Heads: 2

Weigh Range: 10g-5kg

Max Weighing Speed: 30 wpm

Bucket Capacity: 8L



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AUXILIARY

At Perfect Automation, our auxiliary equipment is as vital as our packaging machines, ensuring meticulous care and safety for your product to uphold the highest production standards. Built for durability and longevity, our systems boast high compatibility for integration into both new and existing packaging lines, tailored to seamlessly align with your specific requirements for optimal functionality.

Metal Detectors

Our Metal Detectors stand out in their capability to detect foreign bodies and contaminants, providing a critical layer of protection for your products during distribution. These detectors are well-suited for inspecting a wide range of products, from small snack bags to larger items, with an applicable passage width of up to 80cm. The detectors exhibit high sensitivity, capable of detecting both ferrous (Fe) and non-ferrous (SUS) foreign objects, ensuring comprehensive product safety throughout the packaging process.



Metal Detectors

Speed: Up to 24m/min (50Hz)

Product Size: 10g - 20kg



Pipe Transfer Type Metal Detector

Designed for the inspection of paste or fluid products like miso, minced meat, or jam, our system features a detachable pipe with a one-touch operation, ensuring easy cleaning and maintenance.



Metal Detectors/Checkweigher Combination Units

Our combination units of Metal Detectors and Checkweighers provide the optimal solution for ensuring both product safety and weight accuracy, contributing to the seamless operation of production processes.

Metal Detector/Checkweigher Combo

Speed: Up to 90m/min

Product Size: 30g - 6kg



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X-Ray Inspection Systems

Our X-Ray Inspection Systems excel in high-level product inspection, identifying foreign bodies like hard rubber seals, metal, glass, and stone. These advanced systems provide reliable contaminant detection, even through aluminium packs, ensuring product safety.



Hybrid X-Ray Inspection Systems

Our Hybrid X-ray Inspection Systems excel in identifying contamination within seal lines. These X-ray machines are versatile and well-suited for a wide range of applications, including pre-processed raw materials, cooked products, packaging goods, and storage and shipment processes. These Hybrid Systems incorporate both optical detectors and X-ray detection, thereby enhancing their capability to identify seal line jamming, foreign bodies, and variations in relative weight and shape.

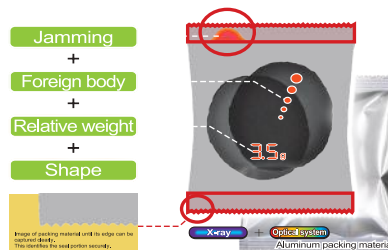
X-Ray Inspection Systems

Weight Capacity: 1kg- 25kgs

Speeds: 15~45m/min

10~30m/min

20~60m/min



Checkweighers

Our vast array of Checkweigher options are designed to accommodate your production outputs, weight requirements, and accuracy levels. Equipped with rejector systems, these options ensure that your product maintains high standards while minimising the labour-intensive process of manual checking.

Checkweighers

Weight Capacity: 1g ~ 20kg

Speeds: 110ea/min - 300 ea/min

Multi Lane Options



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Comprehensive Servicing

Machine Commissioning

Perfect Automation's experienced team of trained technicians are multi skilled in our range of machinery ensuring that machinery is installed and commissioned to suit your specific needs.

At Perfect Automation, our team of experienced and multi-skilled technicians ensures that your machinery is installed and commissioned to meet your specific needs. We provide efficient responses to service requirements, on-site training, and repairs.

Our technicians work collaboratively with your engineers and operators, explaining the work undertaken, providing training, recommending procedural improvements, and sharing best practices. This ensures your equipment consistently performs to your expectations.

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Operator Training

Perfect Automation understands that knowledge is paramount in getting the most out of your equipment. To maintain maximum performance, we offer a range of training programs to suit your needs and maintain consistent employee skills.

We offer:

- Staff training on all levels
- Group training programs
- Initial installation training and equipment familiarisation
- Preventative Maintenance

Spare Parts

Investing in a packaging machine is a significant decision, and at Perfect Automation, we ensure that your investment is well-supported throughout its entire lifecycle. We provide a comprehensive list of recommended spare parts tailored to your specific machine further supported by additional stock in our warehouse, ensuring optimal performance and minimal downtime. With Perfect Automation, you get the assurance of continuous support and the convenience of readily available spare parts, maximising the efficiency and longevity of your equipment.



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