



Production Automation Machinery Guide 2025

We love solving challenges that free our customers
and maximise human potential - with smart, scalable
automation that drives real results.





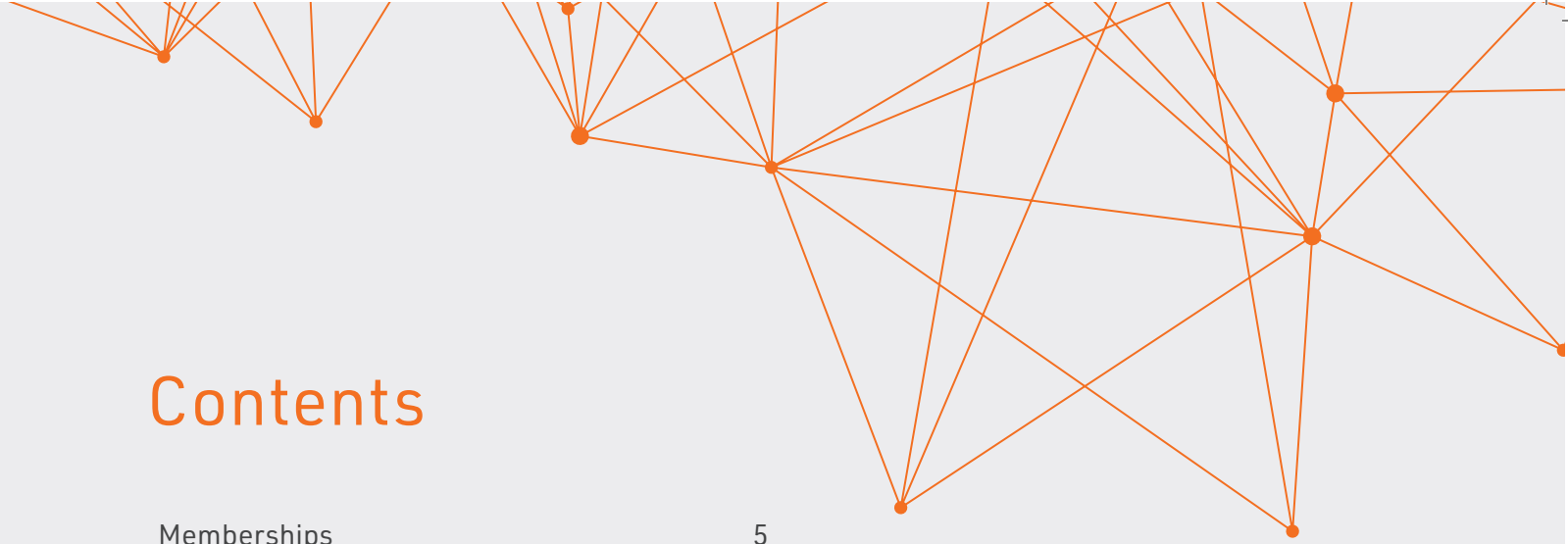


Precision. Automation. Performance.

Our expertise lies in delivering customised production automation that combines precision engineering with operational performance.

From high-performance components to robust production systems, we empower industry leaders to streamline processes, reduce costs, and unlock human potential.





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NEW ZEALAND

+64 7 849 3215

sales@rmlnz.com

6 Chafer Place, Burbush, Hamilton, 3200

AUSTRALIA

+61 1300 060 407

sales@rmlau.com.au

www.rmlnz.com





About RML

40+ Years of Precision, Innovation & Results

We have spent over four decades delivering successful, high-performance engineering solutions across multiple industries. Originally focused on pneumatics and airline equipment in Hamilton, New Zealand, we quickly earned a reputation for quality and were invited to take on new challenges across sectors.

Today, we're known for designing and building innovative production automation systems for the FMCG, dairy, industrial automation, and materials handling industries - trusted for their durability, efficiency, and reliability. From advanced packing machines and Automated Guided Vehicles (AGVs) to custom one-off solutions, we solve complex problems and help our customers keep production moving forward.

Machinery & Automation

We work closely with customers to deliver end-to-end production solutions – from concept and design to engineering, installation and support. Every machine we build is designed to meet a specific need and integrated to enhance performance across the production line.

Our expertise covers a wide range of automated systems, including packing machines, robotic sorters, AGVs, and one-off solutions not found anywhere else in the market. Whatever the brief, we bring precision, innovation and pride to everything we create.

Precision Components

We manufacture high-performance components that help reduce water and energy use, lower operational costs, and improve production flow.

Support & Maintenance

We offer flexible maintenance and support at every level - from on-site servicing programs to remote calibration and troubleshooting. We work with your team to maximise uptime and ensure systems run as intended.

Our People

Innovation starts with people. Our team is packed with passionate engineers, designers, and problem-solvers who bring projects to life and build long-term partnerships with our customers. Their experience and drive fuel everything we do.



Bottom Load Case Packer

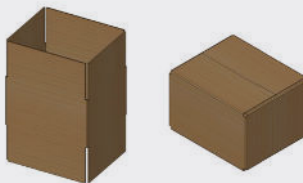
Our Bottom Load Case Packer is an economical case packer designed to pack products into RSC cartons. The in-feed to the bottom load can be configured to pack a large range of products including single and multi-layer patterns with varying footprints.

Whether you are looking for a new case packer or upgrading from manual packaging, we will work closely with you to provide an efficient and high-quality custom solution that meets the brief and boosts your production output.

Key features and benefits

- ◊ Economical packing solution
- ◊ Electrically interlocked safety and guarding to AS4024.1
- ◊ Touch screen HMI to access operator controls, product presets, fault notification & diagnostics
- ◊ Fixed or variable carton and product sizes
- ◊ Compact footprint
- ◊ Glue or tape close options

Typical case size range (Not limited to)



	Length	Width	Height
Min	250mm	150mm	125mm
Max	450mm	350mm	350mm



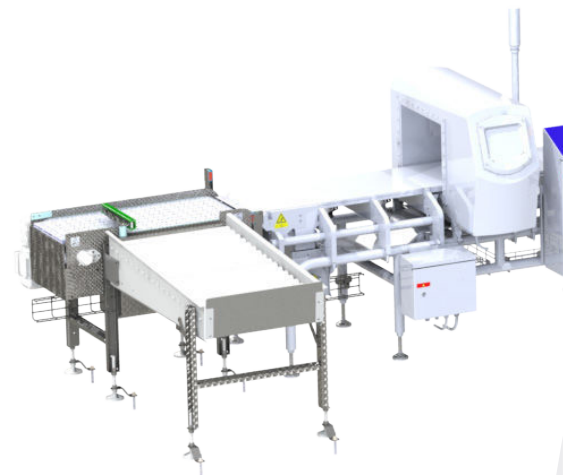
“ The design process went very smoothly, start up and commissioning went better than we anticipated. We have found the RML team to be professional, proactive and very responsive to questions and quick to resolve any problems for us.
Patrick Edwards, Miraka



Top Load Case Packer

Our Top Load Case Packer offers a reliable and flexible solution for packing a wide range of products into RSC cartons. Designed for both low and high-speed production lines, it delivers consistent, controlled top-loading with customisable settings for varied product types and sizes.

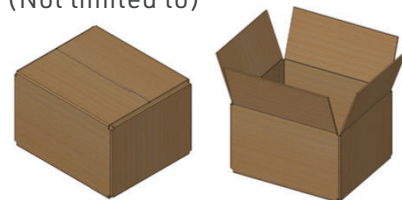
Its intermittent motion ensures accurate placement while allowing for easy line integration and quick changeovers - making it ideal for manufacturers looking to boost efficiency, maintain product integrity, and scale with confidence.



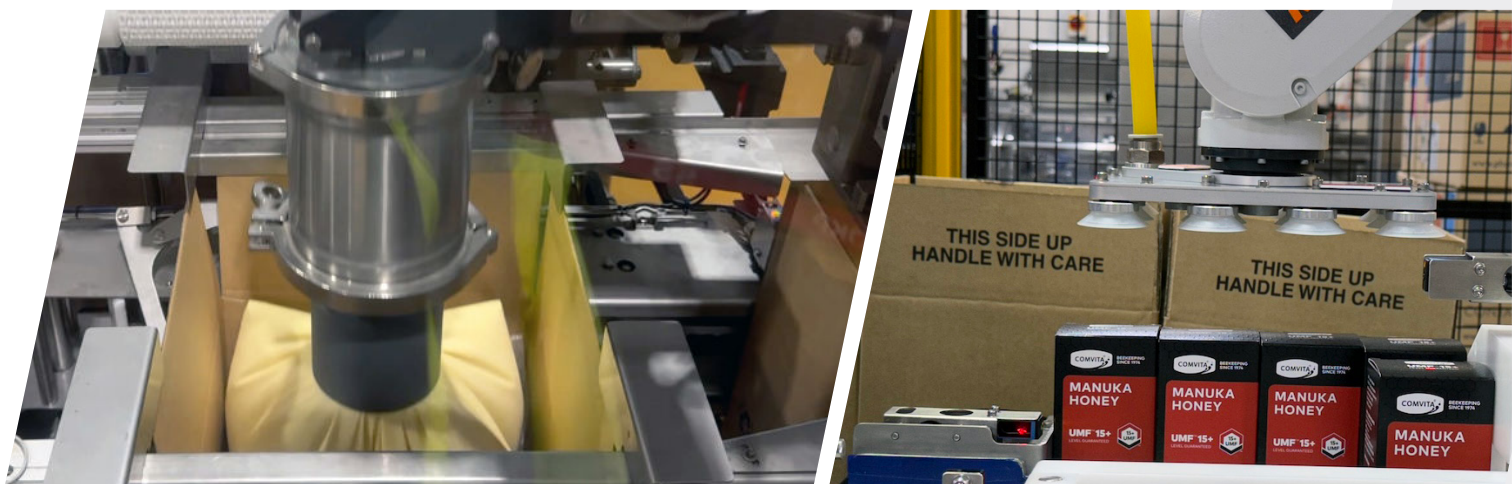
Key features and benefits

- ◊ Configurable with different robot options
- ◊ Tape or glue case erecting and closing
- ◊ Full height access doors
- ◊ Safety interlocked guarding
- ◊ Product track and trace option available
- ◊ Can erect & pack standard shipper or shelf ready packaging
- ◊ Touch screen HMI to access operator controls

Typical case size range (Not limited to)



	Length	Width	Height
Min	250mm	175mm	135mm
Max	450mm	350mm	300mm





“ The commitment of RML to high quality services is at a level we had not seen before. They have been ready to help and be solution orientated, even at times when things have got hard. **Robbie Breen**, Canning & Pouch Production Manager, Oceania Dairy



Side Load Case Packer

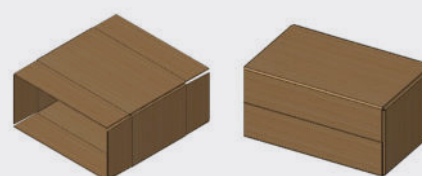
Our Side Load Packer is a standardised solution customised and available with either glue or tape closure, this machine can be configured to suit a wide range of product types. Infeed and collation are fully customisable to meet specific application requirements.

Built with safety and visibility in mind, the packer features full-height polycarbonate guarding with interlocked access points - ensuring operator protection without compromising on line visibility or performance.

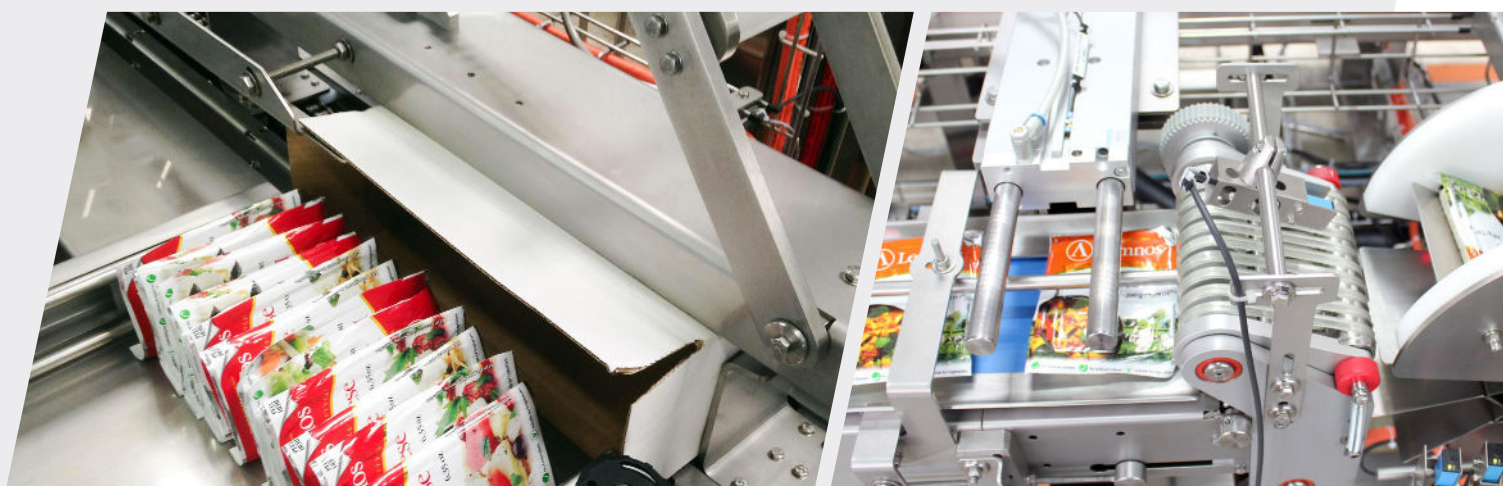
Key features and benefits

- ◇ Servo driven flighted case transfer
- ◇ Full height access doors
- ◇ Safety interlocked doors
- ◇ Easy load self-priming magazine
- ◇ Tape or pressurised hot melt adhesive options
- ◇ Customised infeed configuration
- ◇ Wide product range

Typical case size range (Not limited to)



	Length	Width	Height
Min	250mm	125mm	150mm
Max	450mm	250mm	350mm



“ The RML integrated, advanced operation ensures the best quality cream cheese is produced consistently.

Matt Freeman, Moondarra Cheese



Wraparound Case Packer

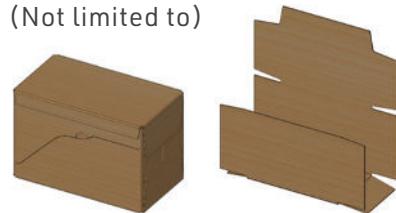
Our Wraparound Case Packer is a versatile and space-efficient solution for automated packaging, ideal for industries ranging from food and beverage to pet care. Designed to wrap cases directly around products before sealing, this system ensures a secure, compact package that maximises shipping efficiency.

Suitable for everything from small goods to bulk items, it offers easy integration into existing lines and is adaptable to varying product flows and production speeds. With fully customisable operations, it delivers reliable performance across both low and high-speed applications.

Key features and benefits

- ◇ Stainless steel construction
- ◇ Configurable for a very large range of products
- ◇ Touch screen HMI to access operator controls, product presets, fault notifications and diagnostics
- ◇ Full height interlocked guard doors for easy access
- ◇ Configurable with different robot options

Typical case size range (Not limited to)

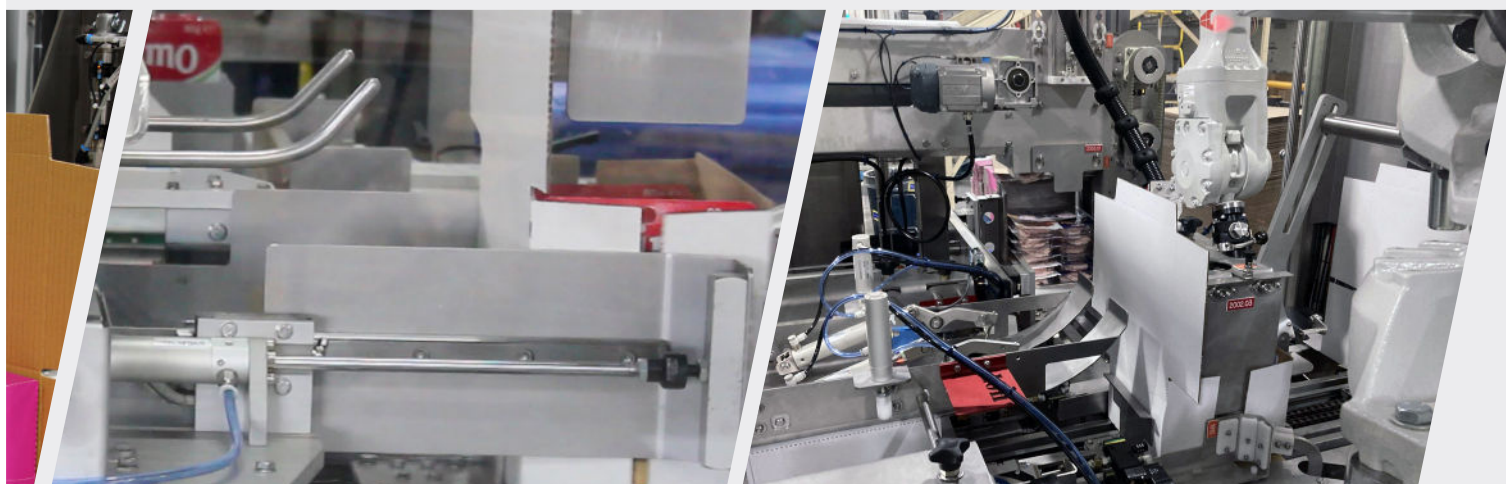


	Length	Width	Height
Min	225mm	125mm	125mm
Max	450mm	300mm	250mm





“ We’ve been so impressed by the level of service and quality of machinery that they have built for us. **Sefton Pease, Tekplas**



Top Load Packing Cell

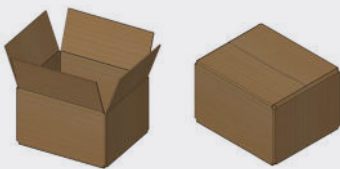
We provide automated Case Packing solutions for everything from sugar, infant formula, and ice cream to pet food and more. Our systems range from low-speed operations to high-speed, multi-layer case packing.

Modern cell systems are built for flexibility - easily reconfigurable to handle changing product sizes and pallet patterns as production needs evolve.

Key features and benefits

- ◊ Includes external case erector and closer
- ◊ Tape or glue erecting and closing options available
- ◊ Compact footprint
- ◊ Robotic case loading
- ◊ Infeed collation configurable to suit customer requirements

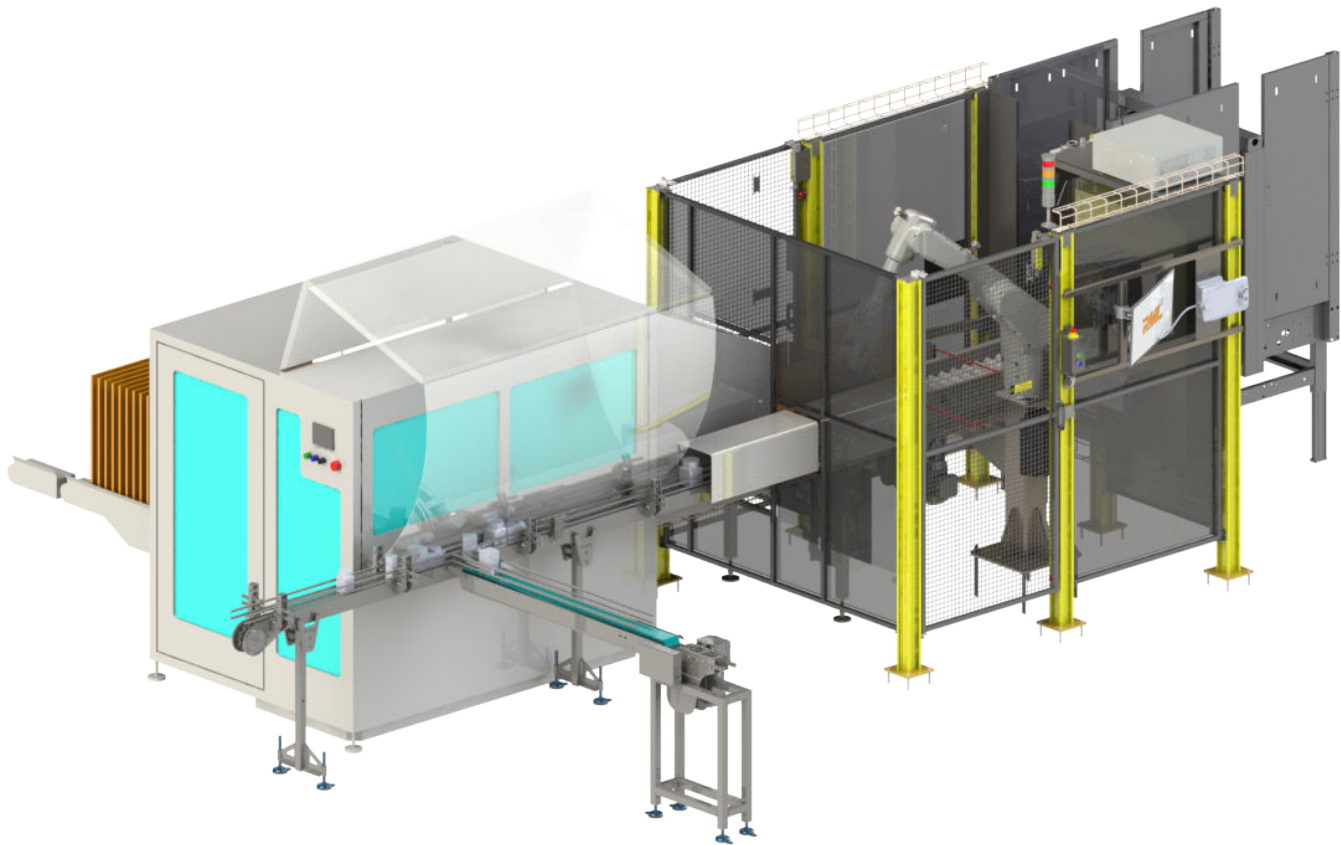
Typical case size range (Not limited to)



	Length	Width	Height
Min	250mm	150mm	150mm
Max	500mm	350mm	350mm



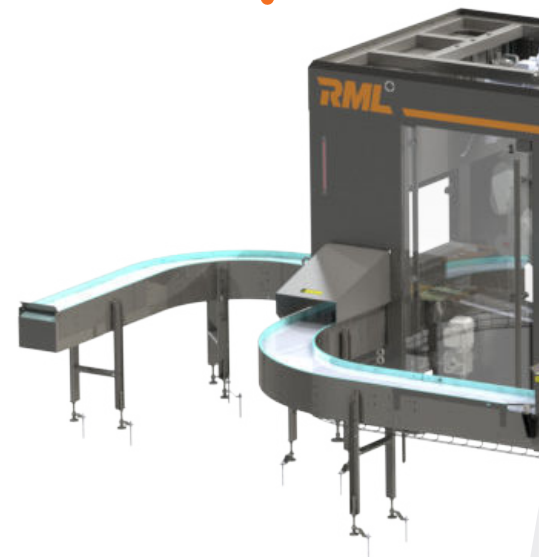
“ Following our initial week of operating the RML robotic case packer, myself and the Comvita team have been thoroughly impressed with its performance, reliability, and overall quality.
Aaron Rowe, Comvita



Top Load Cartoner

Our Top Load Cartoner delivers efficient and reliable top-loading of products into cartons, with a focus on secure packaging and optimal presentation. Designed to handle a wide range of product types and sizes, this solution is ideal for industries across the FMCG sector.

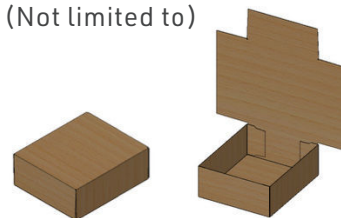
Its modular, customisable design allows for the integration of labelling, coding, and inspection systems, while the intermittent motion ensures gentle handling of delicate items. The result is consistent, high-quality packaging that supports both operational throughput and brand appeal.



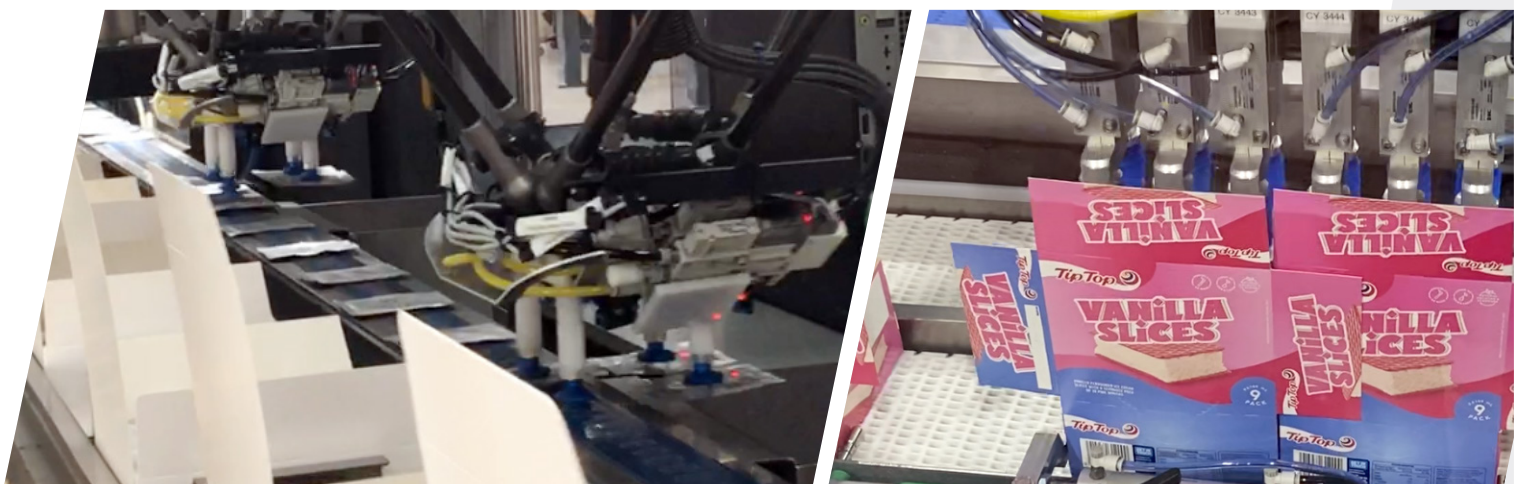
Key features and benefits

- ◊ Erector and closer included
- ◊ Full-height interlocked guarding
- ◊ High speed loading capabilities
- ◊ Customisable: can pack layers of bars, ice creams, pouches, and more
- ◊ Coding equipment can be integrated

Typical case size range (Not limited to)



	Length	Width	Height
Min	125mm	100mm	30mm
Max	200mm	200mm	100mm





“Of all of the types of packers that we have on site (past and present) the RML packers have proven to be the most reliable, and easiest to maintain. Colin Winch, Maintenance Manager, Lactalis South Brisbane



Horizontal Load Cartoner

Engineered for high-speed operation, our Horizontal Load Cartoner handles the continuous flow of products into cartons, boosting productivity at a higher speed and maintaining consistent packaging performance.

When it comes to automatic cartoning machines, we tackle the things which less specialist operators can't. We are also a leading provider of robotic cartoning machine solutions that result in greater throughput and enhanced production efficiency.

Key features and benefits

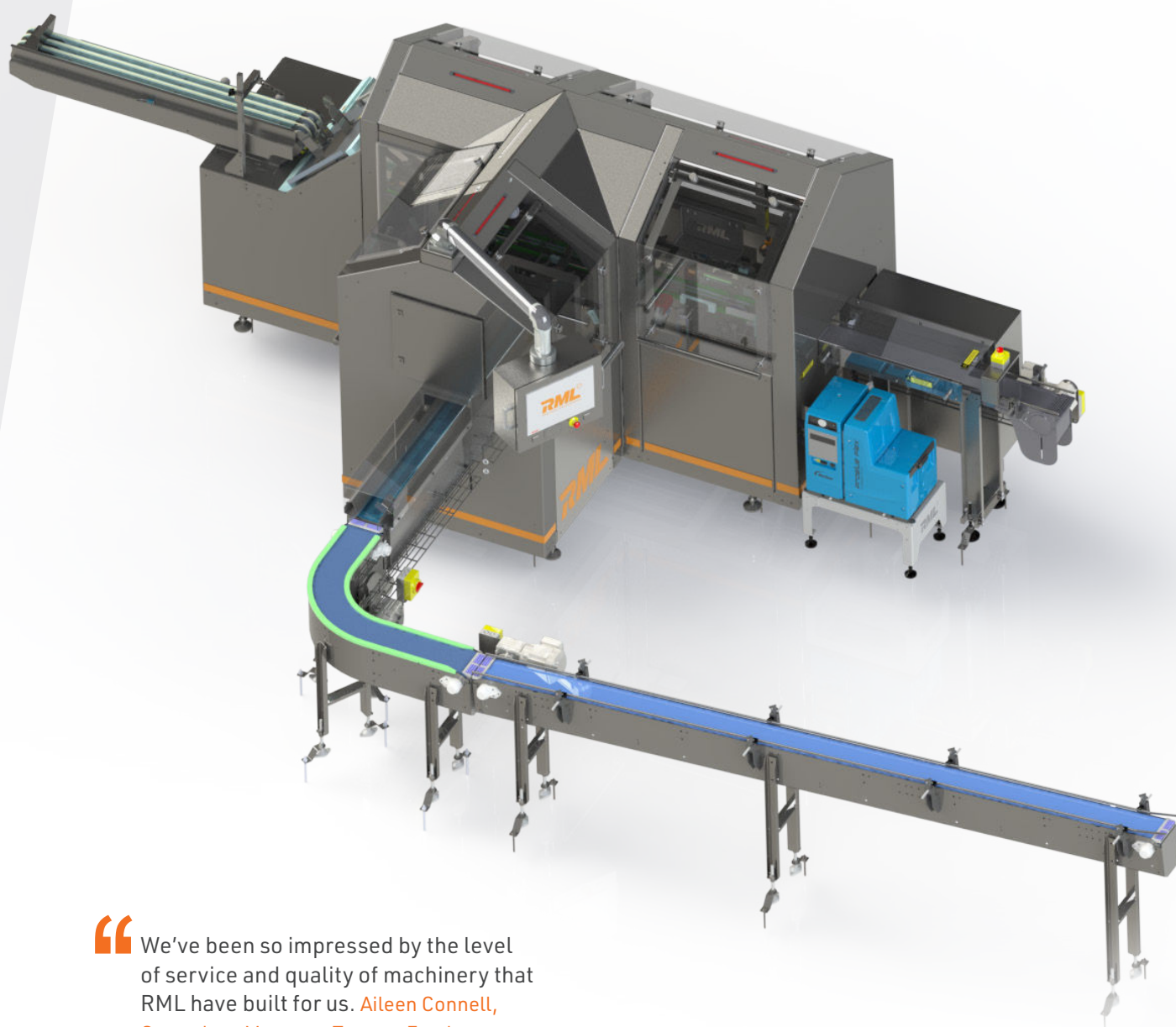
- ◊ Quality and consistency
- ◊ Built to deliver unmatched precision over manual or semi-automatic systems
- ◊ Enhanced productivity and efficiency
- ◊ Fully customisable, designed around your specific application needs

Typical case size range (Not limited to)

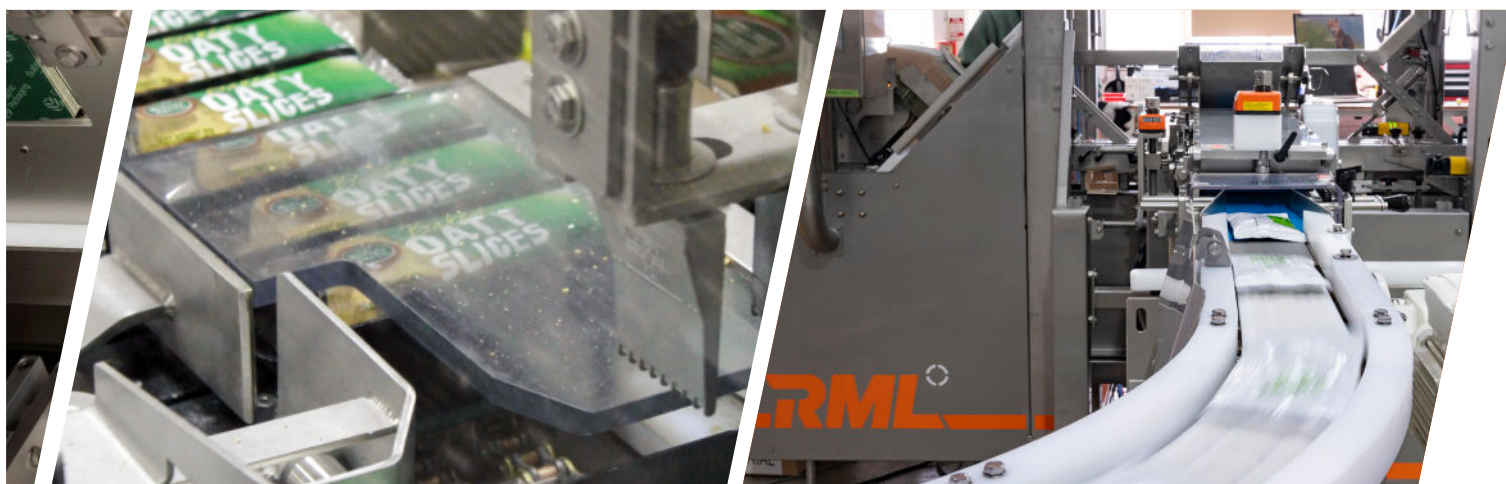


	Length	Width	Height
Min	70mm	35mm	130mm
Max	215mm	80mm	250mm





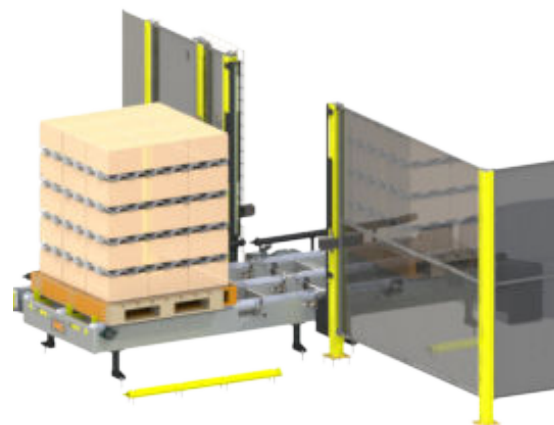
“ We’ve been so impressed by the level of service and quality of machinery that RML have built for us. **Aileen Connell**, Operations Manager, Tasman Foods



Palletising Systems

We offer customised Palletising Systems designed to maximise product per load while maintaining load stability and product quality. Often integrated with cartoners or case packers, our Palletising Systems form part of a complete end-of-line automation solution.

Benefits include significantly increased productivity through continuous high-speed operation, enhanced accuracy with vision-guided placement for consistent stacking and reduced product damage, and improved safety by removing manual lifting tasks. These systems can also be integrated with inventory software to support better traceability, stock control, and logistics efficiency.



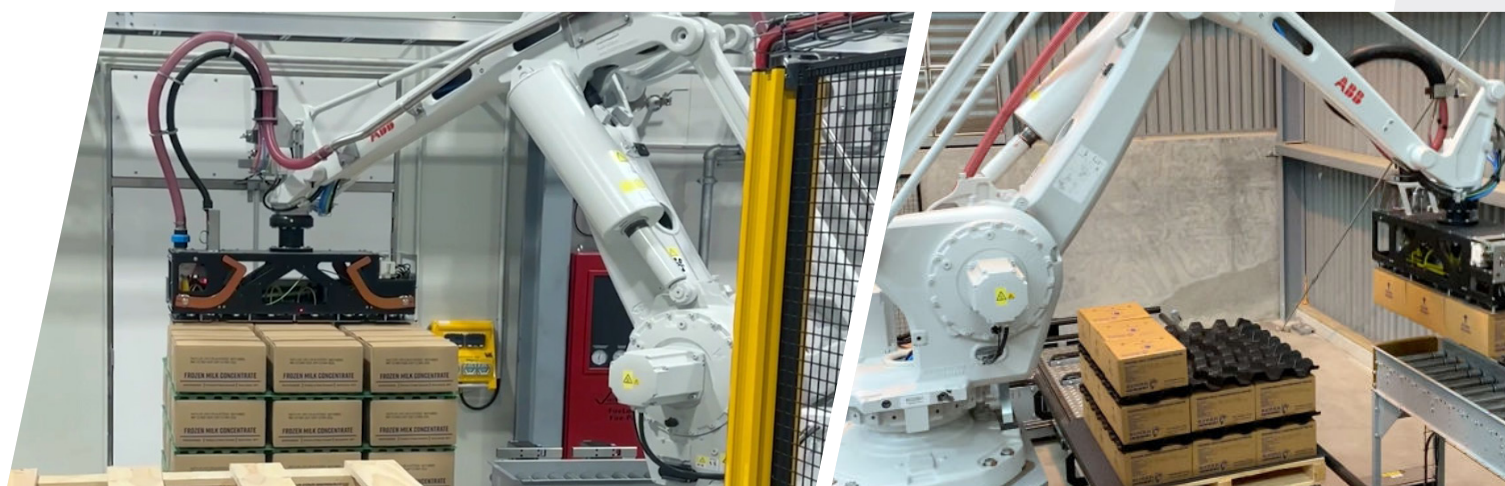
Key features and benefits

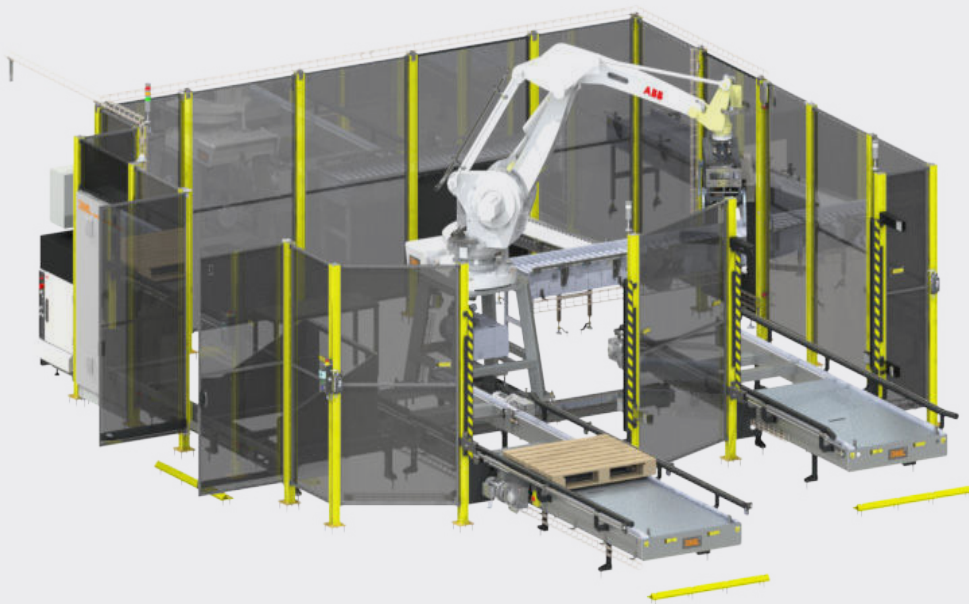
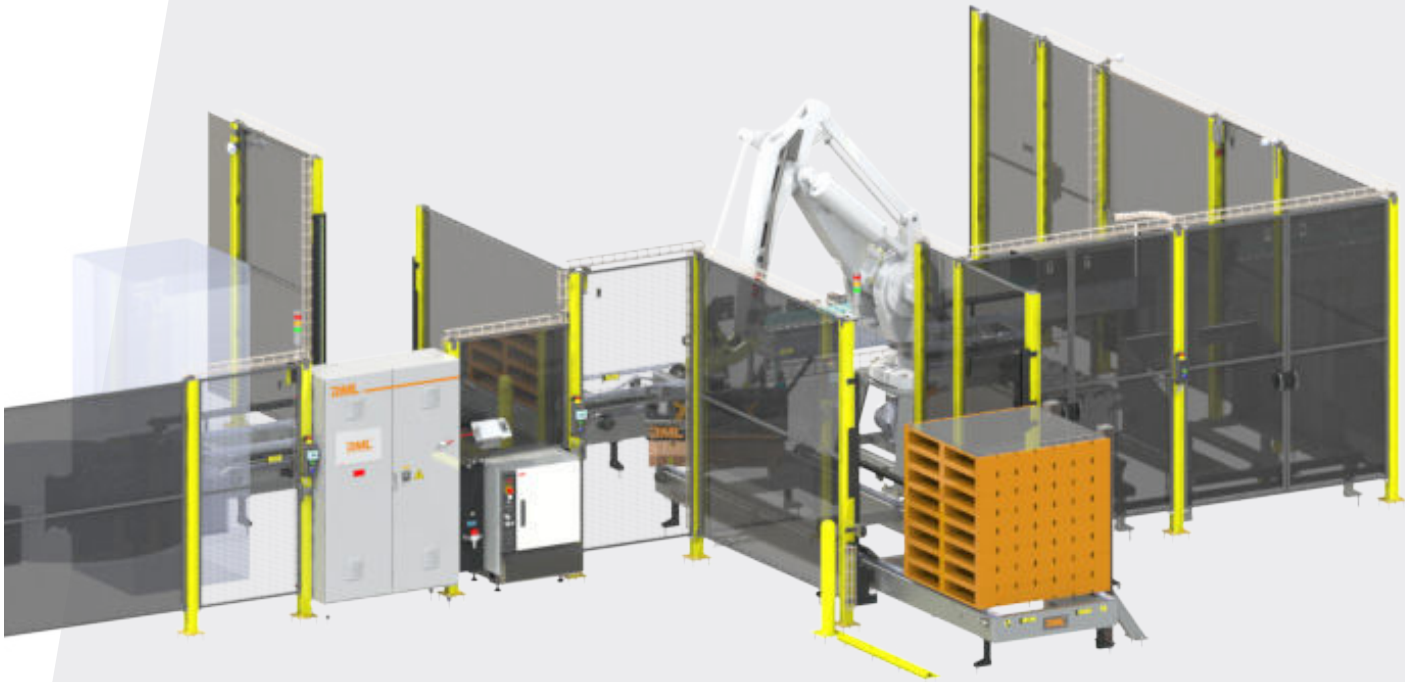
- ◊ Easily scaled or customised to suit the customers requirements
- ◊ Beckhoff or Allen Bradley control, SMC pneumatics
- ◊ Touch screen HMI
- ◊ Layer boards and slipsheet options available
- ◊ Multi box infeed and multi pallet positions available
- ◊ Vacuum or gripper pickhead options
- ◊ Stainless options if required
- ◊ Freezer spacer insertion option

Typical case size range (Not limited to)



	Length	Width	Height
Min	200mm	125mm	145mm
Max	370mm	210mm	250mm





“ The machine provided by RML has to date, resulted in consistent high-quality products for SNPshot Technologies and guaranteed production costs.
Graham Adler, General Manager, SNPshot Technologies



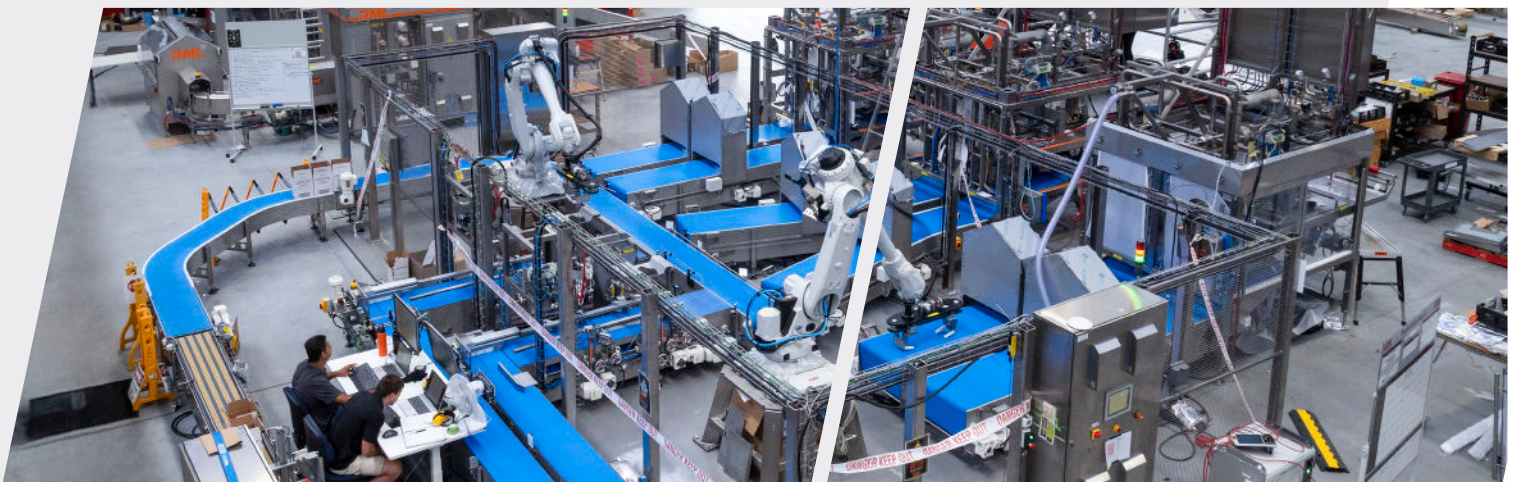
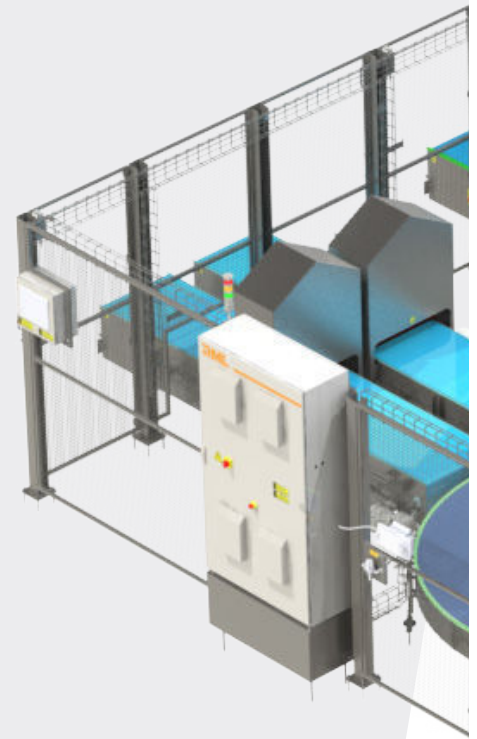
Robotic Automation Systems

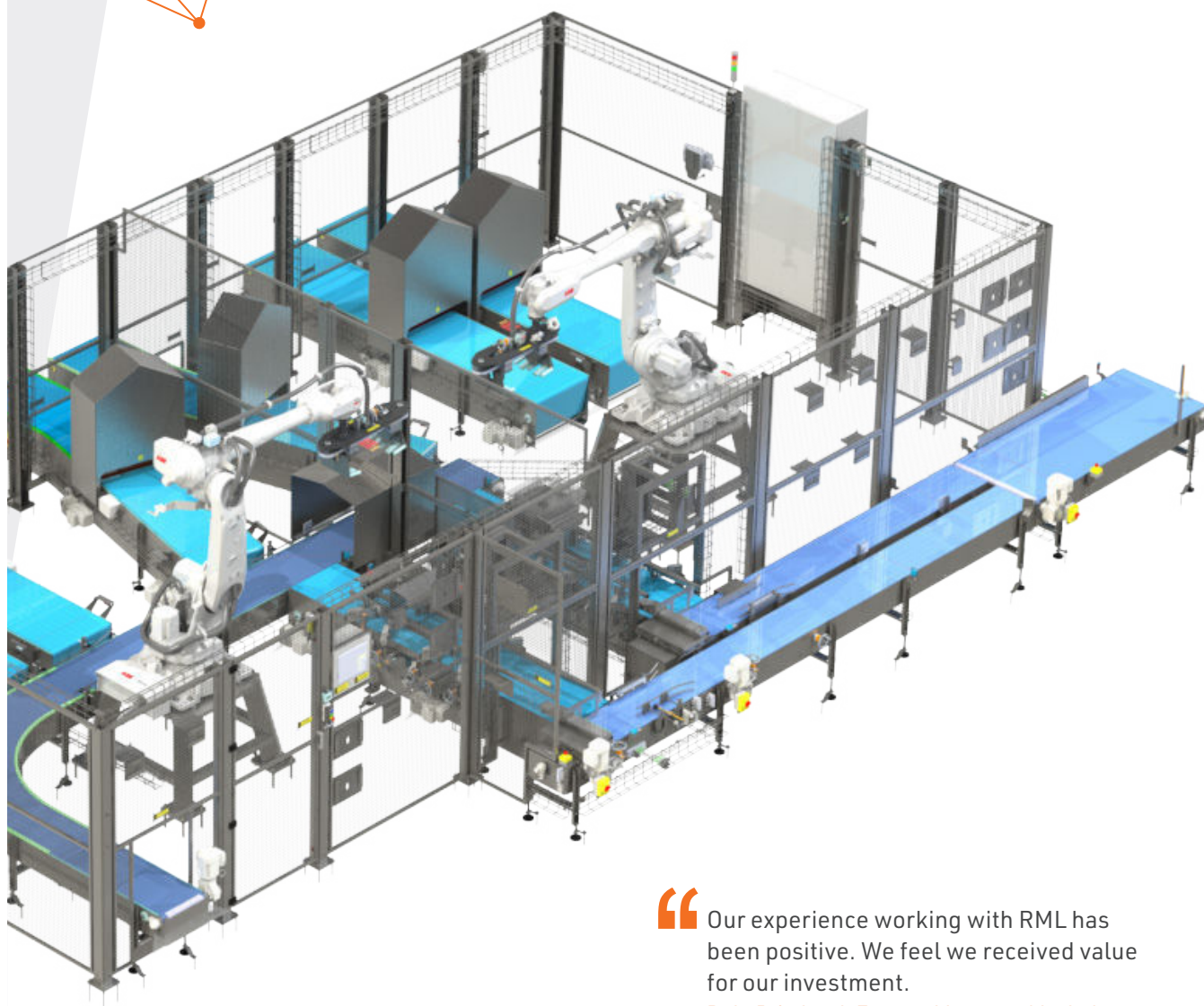
We build Robotic Automation Systems based on factors such as product weight, speed, and automation needs - ranging from high-speed, vision-guided robots to slower, heavy-duty alternatives. With over 15 years of proven experience, our robotic solutions streamline workflows to improve profitability, flexibility, and responsiveness.

These systems eliminate repetitive tasks, freeing staff for higher-value work, while delivering 24/7 reliability and consistent output. Precision programming ensures superior product quality, and with technological advances, robotic automation has become a cost-effective investment that boosts productivity and reduces long-term labour costs.

Key features and benefits

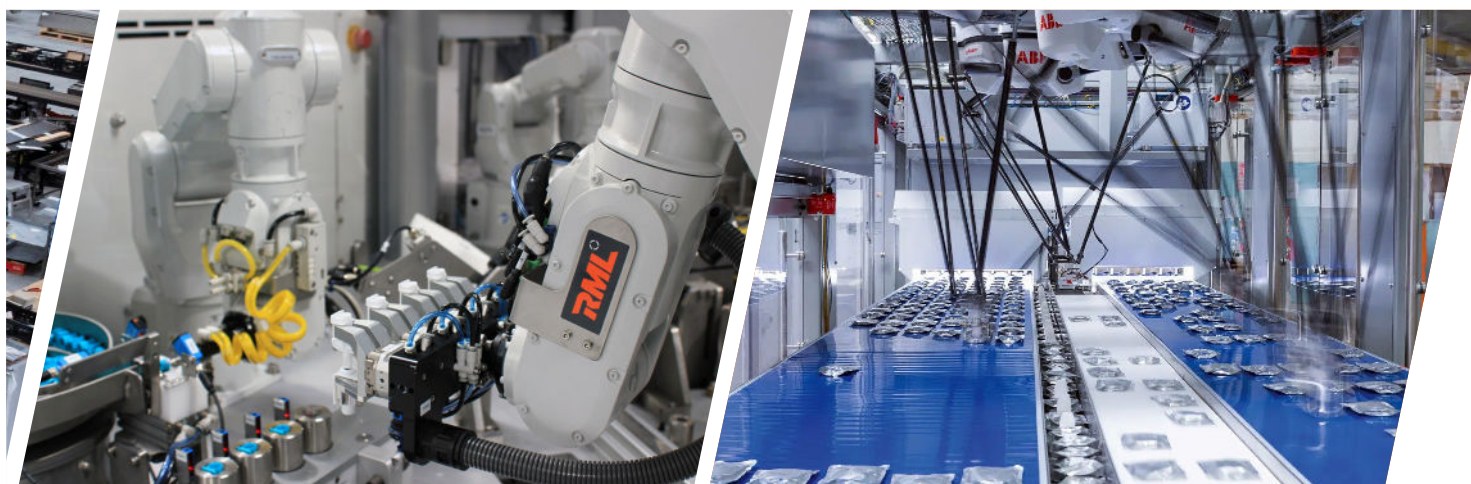
- ◇ Beckhoff or Allen Bradley Control, SMC Pneumatics
- ◇ Stand alone or fully integrated solutions available
- ◇ Huge flexibility around scope, size and complexity
- ◇ Each solution customised to suit the project requirements
- ◇ From heavy industrial automation, to machine tending down to small component assembly
- ◇ From Cobot (collaborative robot) to fully guarded cell options
- ◇ Coated steel and stainless washdown options available





“ Our experience working with RML has been positive. We feel we received value for our investment.

Dale Pritchard, Factory Manager, MacLab



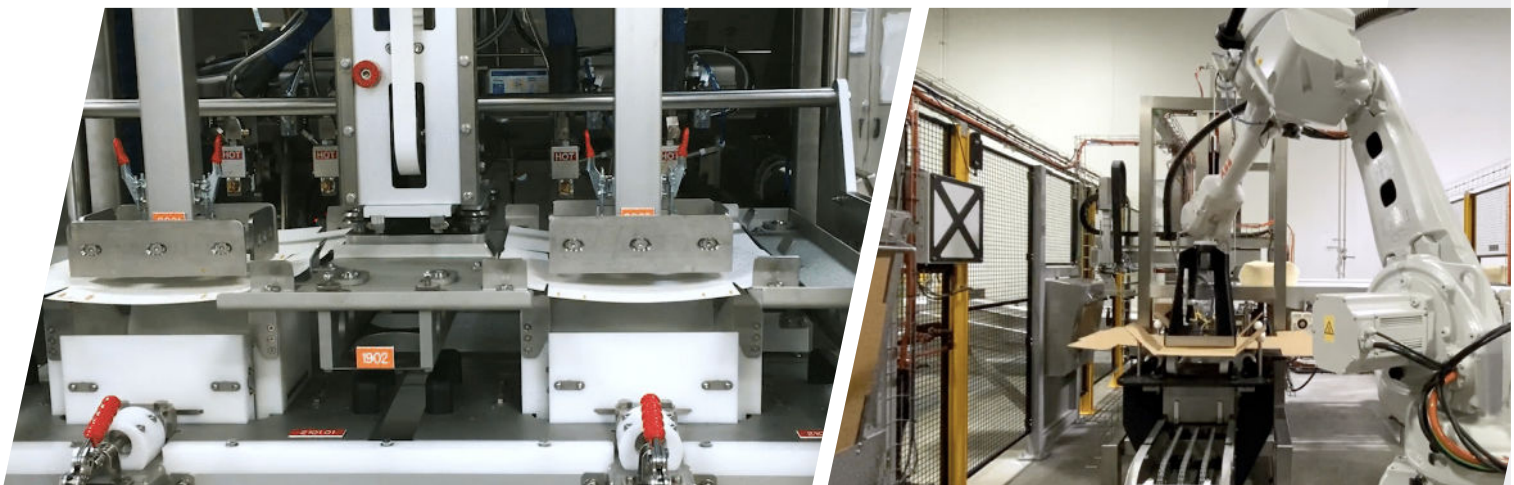
Case Erectors

Our Case Erectors streamline packaging operations by rapidly assembling and sealing cardboard boxes with precision and uniformity. Ideal for high-volume environments, these machines boost productivity, minimise packing errors, and ensure consistent box quality. Their versatility allows them to handle various box sizes and integrate easily into existing production lines, offering scalability as your business grows.

By improving product protection during transit and reducing downtime and maintenance costs, case erectors deliver a reliable, efficient, and cost-effective solution for modern packaging needs.

Key features and benefits

- ◇ Increased packaging speed and efficiency
- ◇ Consistent and precise box erection
- ◇ Versatility to handle multiple box sizes and types
- ◇ Easy integration into existing production lines
- ◇ Enhanced product protection during shipping
- ◇ Reduced manual labour and operational costs





“ Working with RML gave us an opportunity to increase our packing line automation, with labour savings offsetting the capital costs. **Brian Ryles-Smith**,
Group Technical Manager, Wilmar Sugar



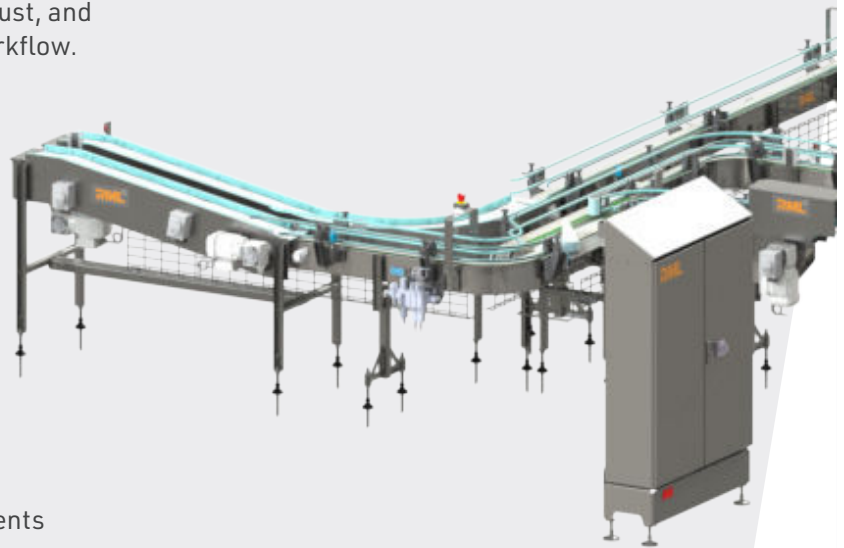
Conveyors

Our Conveyors are engineered for efficiency, flexibility, and safety - customised to meet the demands of diverse industries and product types. Whether transporting high volumes or specialised packaging, our systems deliver precise, reliable performance.

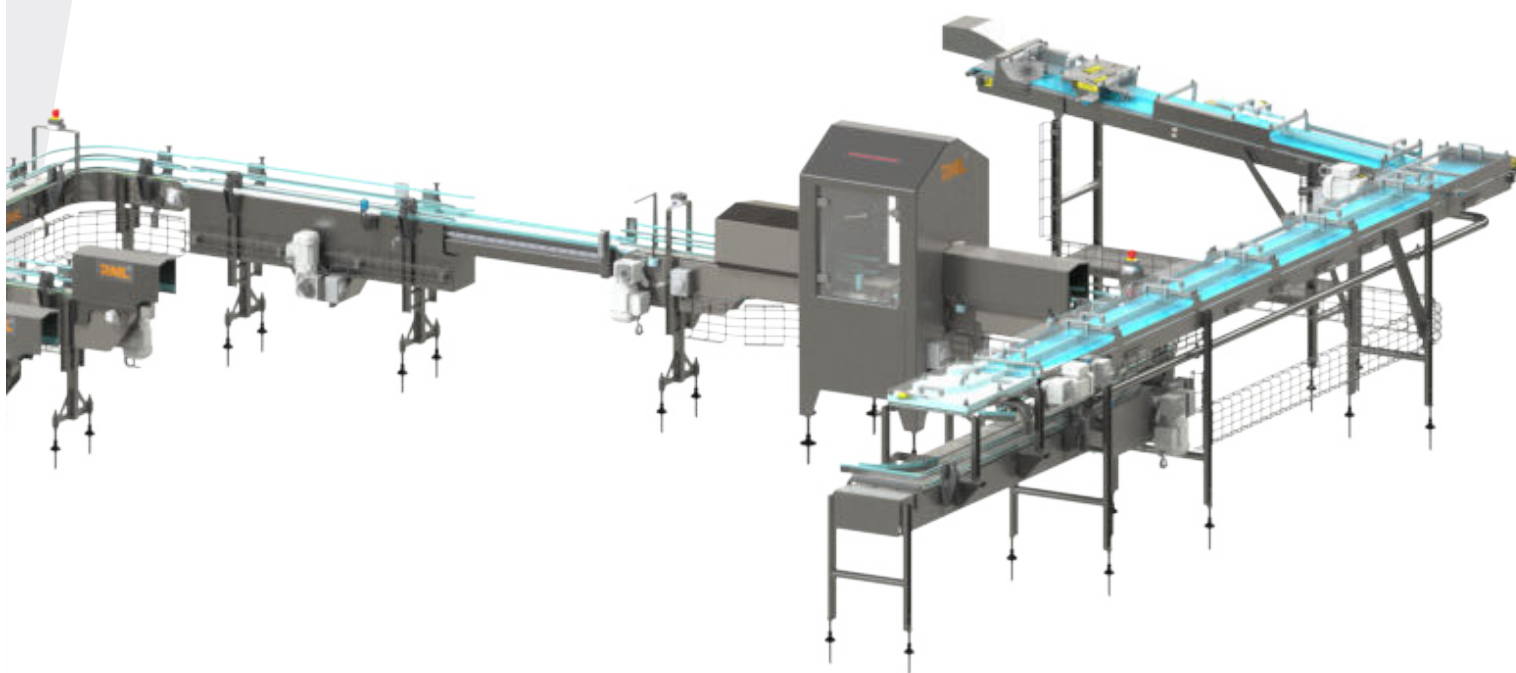
Fully customisable, they integrate seamlessly into your operation and reduce manual handling, improving workplace safety and lowering labour costs. With a wide range of configurations to suit different sizes, weights, and hygiene standards, our conveyors are scalable, robust, and built to optimise productivity across your entire workflow.

Key features and benefits

- ◇ High-efficiency handling of large quantities
- ◇ Compatible with products of various sizes, shapes, and weights
- ◇ Fully customisable to your specific needs
- ◇ Enhanced safety features for risk prevention
- ◇ Reduced manual labour and associated costs
- ◇ Flexible options to fit different industry requirements



“ RML worked with us to understand our requirements and designed a solution to suit our needs. RML delivered an automated system to service two moulding machines producing the Gallagher Ring Top Posts. **Daniel Exton, R & D Project Manager, Gallagher**



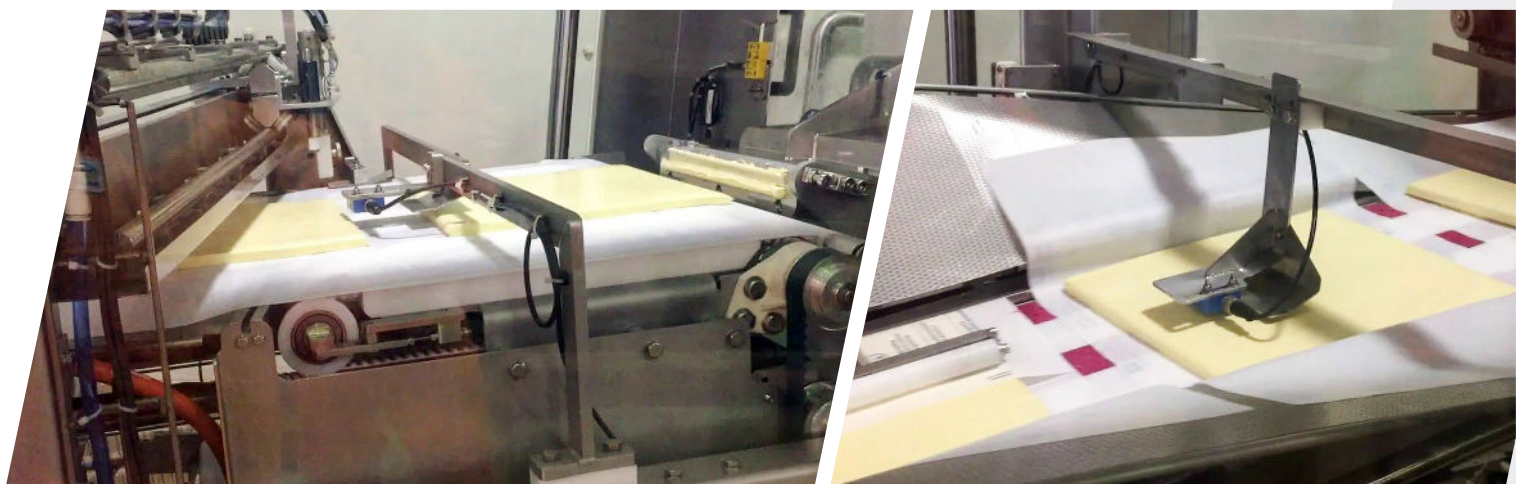
Sheet Wrapping Machine

Our Sheet Wrapping Machines automate the packaging process with speed, accuracy, and hygiene. Designed for use in food processing environments, they efficiently wrap products in pre-cut material, maintaining product integrity and presentation. These machines integrate easily with upstream and downstream equipment—such as cutters, moulders, and secondary packaging lines—ensuring a smooth, continuous operation.

By minimising manual handling, they enhance food safety and boost production throughput. The result: consistent, high-quality packaging that meets industry standards while improving overall efficiency.

Key features and benefits

- ◊ Increased production speed with high wrapping capacity
- ◊ Enhanced hygiene by reducing human contact
- ◊ Consistent, high-quality product packaging
- ◊ Precise material utilisation to minimise waste
- ◊ Seamless integration into existing production lines
- ◊ Cost-effective operation with improved efficiency





“ We set RML a challenge. Design and build a new butter packing machine for a challenging application. RML produced a smart and effective solution that exceeded our expectations. **John Alexander**, Solutions and Field Service Leader, Pentair



Automated Guided Vehicles (AGVs)

Automated Guided Vehicles (AGVs) are transforming material handling across industries such as automotive, logistics, and industrial sectors by providing autonomous, precise transportation.

The Straddle AGV features outrigger legs for enhanced stability and accuracy, ideal for applications requiring high precision. Counter Balance AGVs are versatile and robust, capable of handling various loads like pallets and irregular items, even in tight spaces. Both types operate continuously, increasing productivity and efficiency while prioritising safety through advanced sensors and collision avoidance systems. They easily integrate with existing warehouse management systems, making deployment seamless.

These AGVs improve operational reliability, reduce costs, and enhance safety standards, offering a flexible solution for diverse industrial needs. Whether for stability or versatility, these vehicles deliver consistent, efficient material handling performance to streamline your operations.

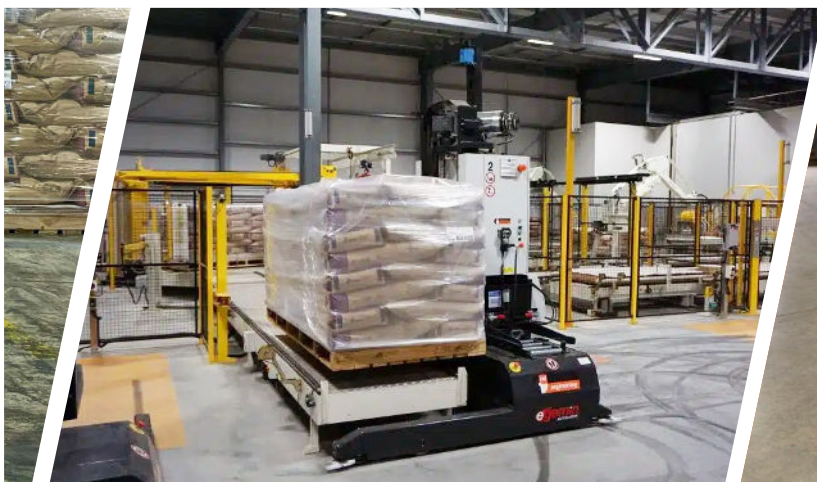
Key features and benefits

- ◇ Laser Navigation - ability for multi mode
- ◇ Laser Scanner Safety Monitoring
- ◇ Electric AC Drive & Steer Componentr
- ◇ Designed to ISO3691-4:2023
- ◇ Customisable to suit customer material handling requirements





“Ongoing service and support is important to us. RML knew this and I am pleased to say we are not disappointed. I have and will continue to recommend RML to others in our industry based on our experience.
Hamish Roberts, Operations, Greenmount Foods



Our Partners

We bring deep automation expertise to FMCG, Dairy, Industrial Automation, and Materials Handling - helping each sector solve complex production challenges.





Our Process

1 Strategic Solution Planning

First, we collaborate to understand your business and specific product requirements. Do you need to increase line capacity? Launch a new product? Or prepare packaging that's shelf-ready? We deliver the most value when we know your business inside out.

2 Collaborative Design

Once we understand what you need - and why - we begin designing a customised solution. In this collaborative stage, our people work closely with yours to create the most efficient design, considering all key factors: factory layout, site restrictions, capacity, efficiency, and budget.

3 Build & Rigorous Testing

All our machinery is expertly built in-house by our team of skilled engineers. Quality is at the heart of everything we create, ensuring each machine is engineered for long-lasting, reliable performance. We keep you informed every step of the way - from production through to delivery - and thoroughly test every piece of equipment before it leaves us.

4 Installation and Training

Once your machinery is complete, we develop an installation plan customised to your schedule. Our experienced installation team works efficiently around your production to minimise any disruptions and ensure a smooth transition.

5 Support and Maintenance

Ongoing support and maintenance are key to our partnership. Our services are designed to minimise downtime, maximise productivity, and deliver the best return on your investment. Whether through comprehensive onsite servicing or collaborating with your team for recalibration and maintenance, we customise our support to suit your needs.

NEW ZEALAND

+64 7 849 3215

sales@rmlnz.com

6 Chafer Place, Burbush, Hamilton, 3200

AUSTRALIA

+61 1300 060 407

sales@rmlau.com.au

www.rmlnz.com

