



RANGE

Packaging Equipment

Product Range | Services Guide

FOODMACH

Automation | Robotics | Integration | Turnkey Projects

END TO END

Technology for all
your end-of-line
packaging needs.

Foodmach's comprehensive range of packaging automation and in-house expertise means we can help you with every aspect of your production line.

You'll deal with just one supplier who takes full responsibility for the entire project. Our speciality is line integration, so we'll ensure that any new equipment is completely integrated into your existing line with a high-end line control system.

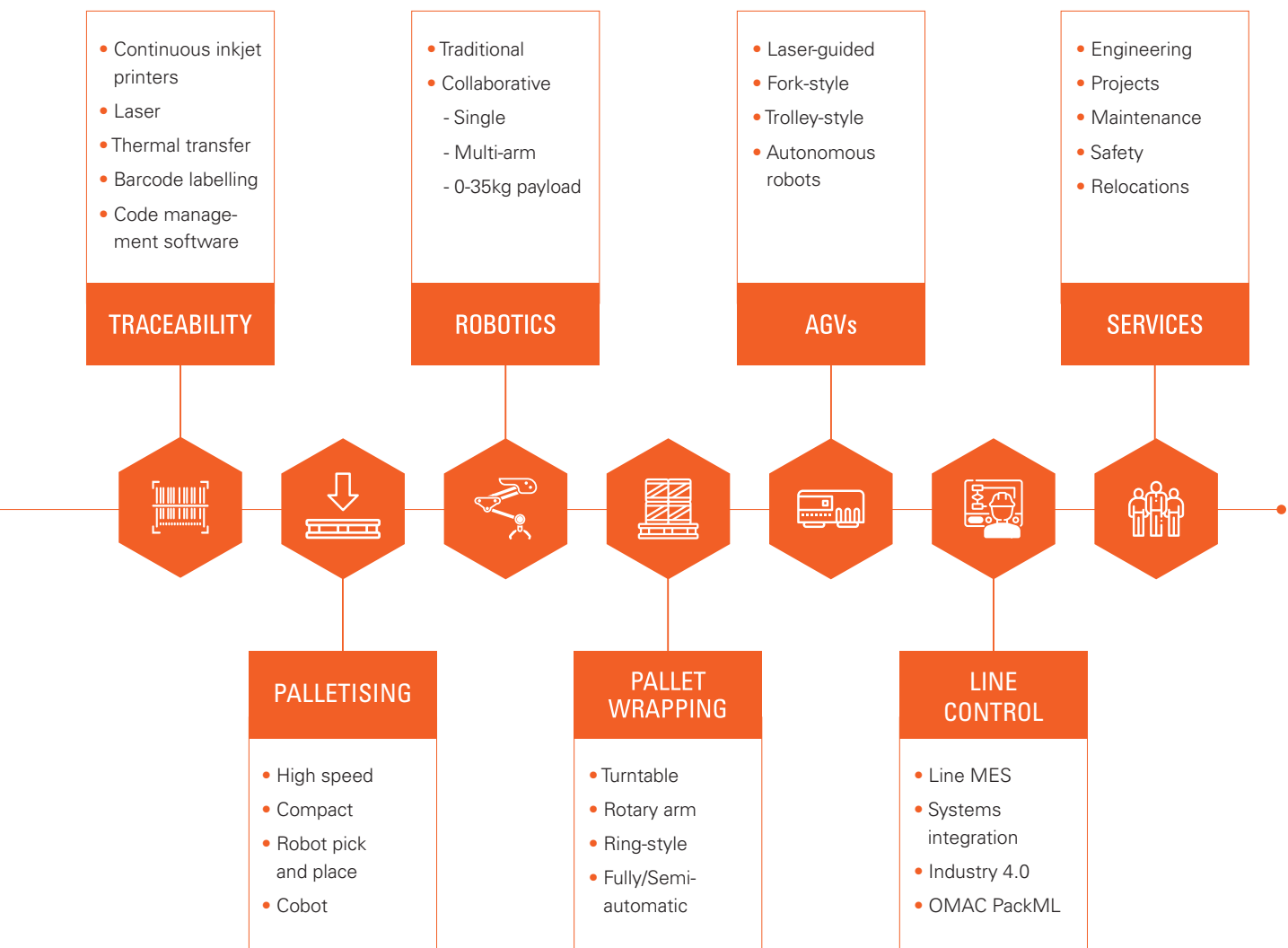
Our dedicated team of mechanical, electrical and safety-accredited technicians, engineers and software programmers are leaders in digitalisation for Industry 4.0.

Have a chat with us about your challenges. We'll help you improve your manufacturing productivity and maximise overall equipment effectiveness.



'Foodmach worked with us to deliver an incredibly compact and flexible full packaging line.'

Capital Projects Director, Lion



DEPALLETISING



Beer glass/can depalletiser

FOODMACH DEPALLETISERS

Trusted by the biggest names in food and beverage. We offer:

- mechanical high-level
- mechanical low-level
- robot pick and place
- low-speed cobot pick and place

for flexible depalletising of shrink, trays, multi-packs, cartons, cases, bags and open trays. Foodmach's mechanical range gently handles glass, cans and PET in a single machine, ensuring a



Low-level glass depalletiser



Paint can depalletiser



20L drum depalletiser

noticeably quieter working environment. Multiple lines can be connected to one depalletiser.

Robotic pick and place depalletisers may be combined with vision systems to scan and validate product label to production SKU request and ensure correct orientation of non-uniform products.

Our bag palletiser is unique in the market for its reliable handling and orientation.



Bag depalletiser



High-level glass depalletiser

CONVEYING



High-speed beverage can conveying



High-speed beer can conveying with control, mass flow merge and divider units

FOODMACH CONVEYORS

Packaging lines are only as fast as their conveyors. Foodmach offers the latest in conveyor technologies, custom-built to handle any type of product or packaging:

- containers (PET bottles, glass and cans)
- case and tray (cartons, multi-packs, shrink-packs, open trays)
- pallets

We also specialise in conveying control systems.



Case conveying



Shrink pack conveying



Bottle conveying



High-speed bottling lines



Carton conveying



Can check weigher conveying



Winery conveying



PET conveying



Glass/tray/shrink conveying



Pallet conveying for turn-key logistics line

FILLING



Multi-format beverage filling

VIPOLL ALL IN ONE

An award-winning rinser/filler/seamer/capper in one monoblock, designed to handle cans, glass and PET bottles.

- revolutionary fast format changeovers
- fills carbonated and still beverages: beer, soft drinks, wine, spirits, juice, water.

MENGIBAR

Filling/capping monoblocks for highly viscous, foaming, hot, explosive, corrosive or abrasive products with complex closures.



Complex filling for OTC, personal care, household care and industrial applications.

INSPECTION

Quality, safety and efficiency is critical when filling and packaging food, beverages and pharmaceuticals.

Modular solutions from our preferred partners put these key factors into practice simply and effectively. We believe inspection systems should be affordably priced and offer the best available value. We use the latest technology from leading global brands such as ThermoScientific and

miho Inspektionssysteme GmbH to give you the best possible result, when combined with Foodmach's seamless integration.

Our range provides complete inspection for:

- empty bottles/containers
- filled bottles/containers
- contaminants
- target weight.



Empty bottle inspection



Metal detection

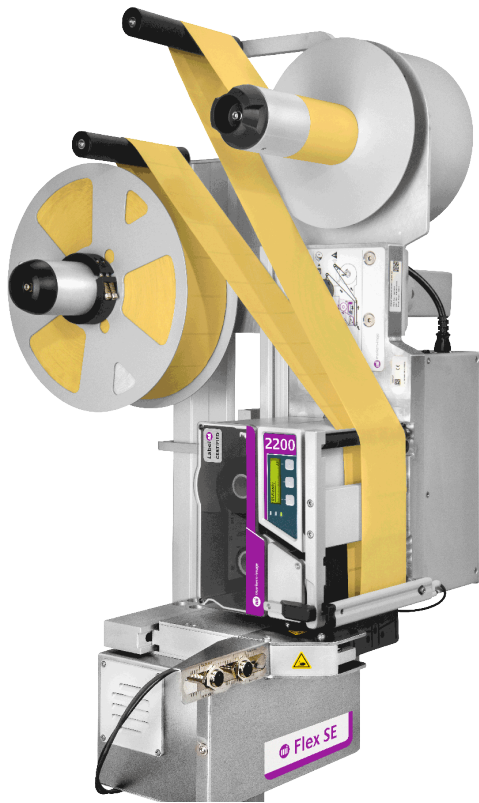


Checkweighing



Fill height inspection system

LABELLING



Markem-Image Print & Apply

Foodmach integrates labelling equipment from any OEM (original equipment manufacturer) with existing packaging lines. We also partner with:

MARKEM-IMAJE

Product Labelling: print and apply

P.E. LABELLERS

Rotary Labelling: All existing and new technologies (cold glue, self-adhesive, hot melt, roll-fed and combination systems) in low, medium or high speed.



P.E. Labellers SimpliCut™ No Glue Mess



P.E. Labellers: all existing and new labelling technologies

CASE PACKING

We offer case packing equipment at up to 100 cases/minute from our in-house Robomatrix range or a range of quality manufacturers such as SOMIC, Ocme, Prismatic and Dimac.

We're happy to integrate case packers from any original equipment manufacturer of your choice and supply the bulk of the line.

ROBOMATRIX®

- Wraparound
- RSC
- Shelf-ready
- Shrink

Robomatrix case packers are designed to handle all sizes and configurations of product and RSC cases—at any speed—with rapid changeovers.

The technology is both proven and award-winning and comes with the extra advantage of Foodmach's integration expertise.



Compact Robot Packer



RSC Top Load



Robotic Pick and Place



Wraparound Packer



Shelf Ready

TRACEABILITY

A traceability solution from Foodmach comes with peace of mind.

Our industry-leading software and hardware integration skills ensure nothing is left to chance. We offer end-to-end services and technology for a safe and connected supply chain, from packaging operations to the consumer.

MARQUEM-IMAJE

Primary Product Coding:

- small character continuous inkjet
- thermal transfer overprinters
- laser coding

Case Coding & Labelling:

- print and apply labelling
- large character high res inkjet

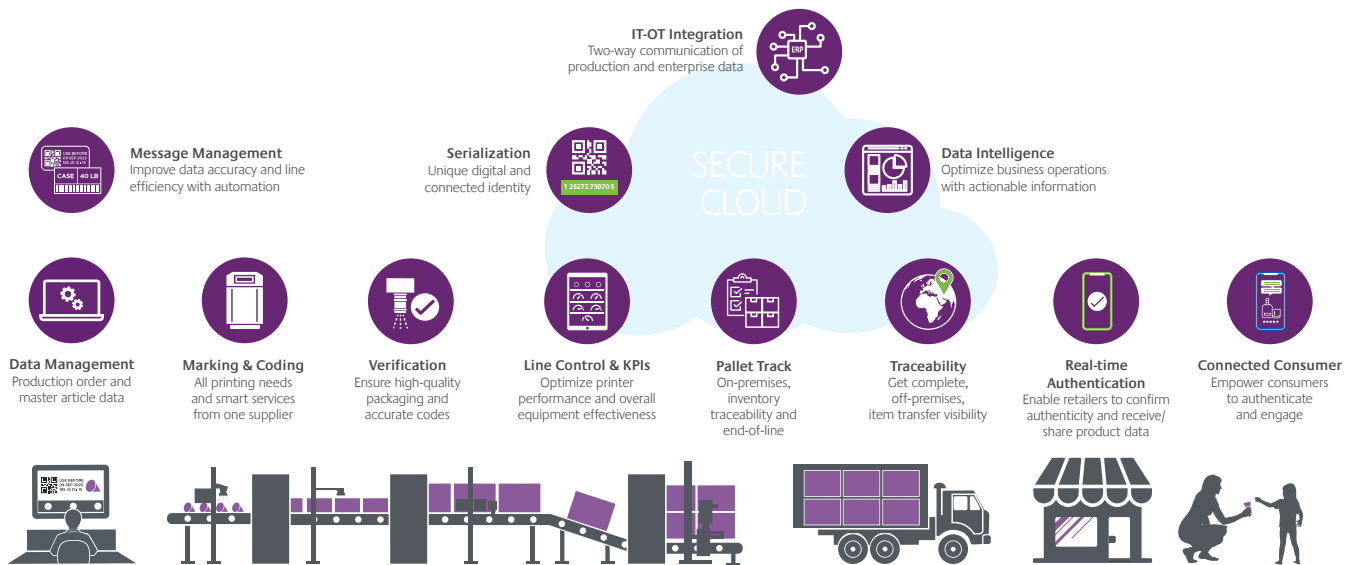
- large character valvejet
- large or small character thermal inkjet

Pallet Labelling:

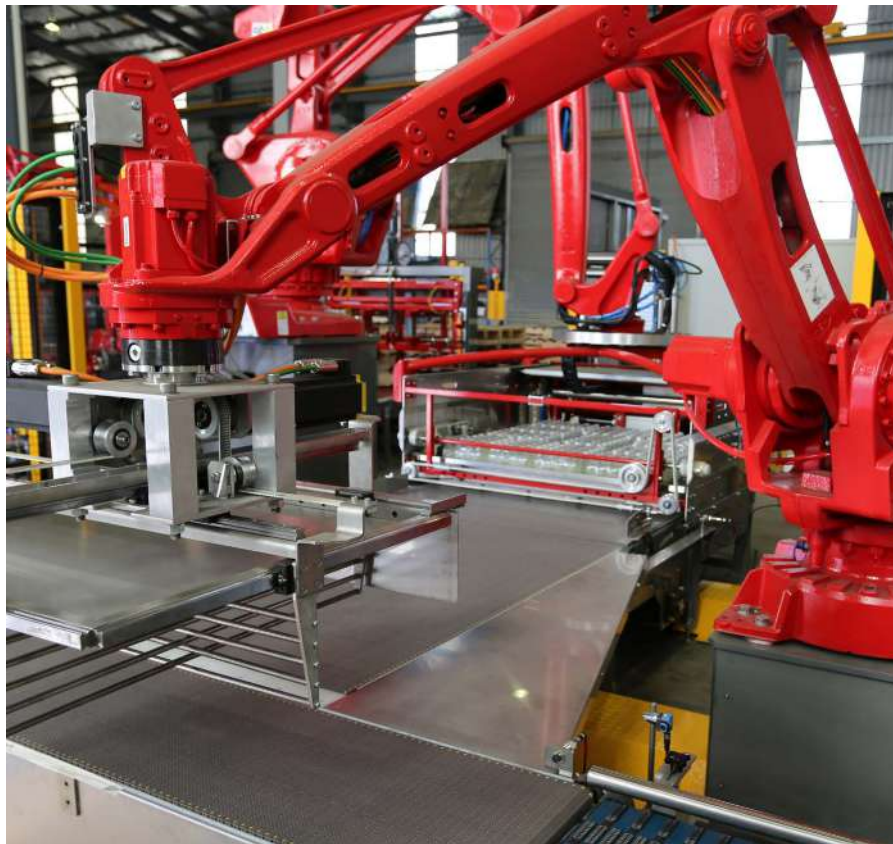
- bar code print and apply

Software Management Solutions

- CoLOS® suite of software solutions for message management and pallet tracking. Unisecure® and BlueBite® for provenance and consumer engagement.



PALLETISING



High-speed, low-level with compact head (static pattern-forming)

ROBOMATRIX®

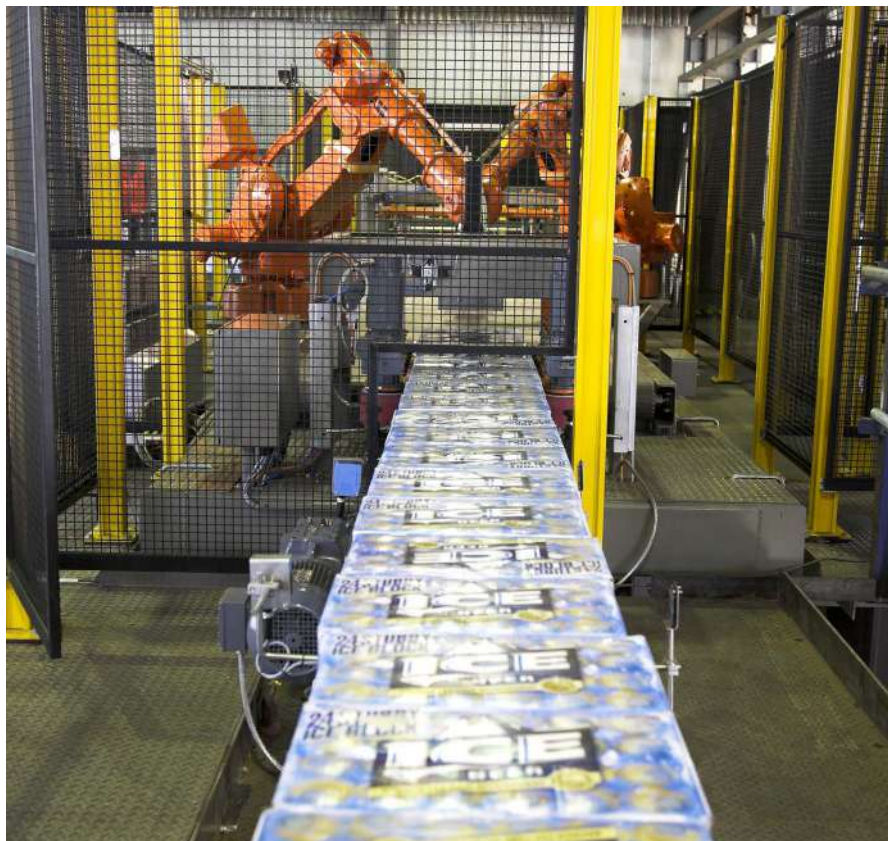
Award-winning, Australian-made and supported palletising:

- high-speed / high and low-level
- compact / low-medium speed
- pick and place / low-speed
- cobot-powered pick and place

We have a palletiser solution for any challenge and all our systems give you flexibility. Robowizard® software makes changing pallet patterns so easy, it's like playing Tetris.



Robowizard® pallet pattern programming



High-speed, high level with track and grip head (dynamic pattern forming)



Medium-speed

Cask line compact pick and place



Mechanical PALWRAPP with built-in stretch wrapping



Medium-speed pick and place



Pick and place bag palletising



8-line centralised medium-speed pick and place



Mobile cobot palletising: Palletise to two locations simultaneously, up to 30kg payload

ROBOTICS



COLLABORATIVE

Designed to work alongside humans:

- single and multi-arm
- payload of 0-35kg
- easily programmed
- from any supplier

CONVENTIONAL

Any size/payload.

- from any supplier
- certified channel partner ABB
- official system partner KUKA Robotics

Collaborative robotic arms



Conventional robotic arms

PALLET WRAPPING



Ring style



Turntable



Ring style



Rotary arm

We partner with global leaders in stretch wrapping, Robopac Systems, to bring you a range of quality automated pallet stretch wrapping solutions.

ROBOPAC PALLET WRAPPERS

- turntable
- rotary arm
- ring style

at up to 130 pallets per hour.

A correctly-specified pallet stretch wrapper can easily keep up with overall production without creating a backlog of unwrapped pallets, will reduce film usage and reduce damaged product in transit.

Robopac's unique Cube Technology™ applies precisely the right amount of film in the correct position with the right containment force. It provides 30-55% film savings using multi-variable pre-stretching of film, which is strategically placed where it has the greatest impact on load containment.



Stronger load containment

AGVs



Autonomous Mobile Robots

AUTOMATED GUIDED VEHICLES

- laser guided
- fork-style
- trolley-style
- autonomous mobile robots
- follow-me mode for order picking
- scissor lift
- trolley tunnelling
- unit load and towing for trolley movement



Reach Truck LGV



LGV Forklift



Load Stabiliser LGV

LINE INTEGRATION



Industry 4.0 connectivity



Systems integration



Line integration



Line Control

Integration refers to both the conveying that connects equipment as well as machine to machine communication.

Not all integrators handle all mechanical, electrical, software and automation aspects of a project. Foodmach has an in-house team of specialists that will ensure your machine's software is correctly programmed, that it works together with every machine on the line, which in turn works with all the others.

We can install simple line control systems or our **Line MES** (Management Execution System) to make changeovers easier, implement recipe-driven settings, manage conveyor speeds and connect single lines into plant automation systems. We go beyond that to full digitalisation for Industry 4.0 connectivity.

If you've been thinking about how to upgrade your line to meet new industry standards, we can provide you with options to meet your budget.



Line MES

SERVICES



Electrical services



Factory and equipment relocation



Systems audits



Maintenance support

Our in-house support offerings cover the full range of services from maintenance, repairs, troubleshooting, spares, updates and modifications for new production runs.

We also provide safety and factory relocation services. Foodmach Service Engineers are fully trained, even in third party OEM equipment. We offer maintenance programs to suit your budget, engineering diagnostics and design and audits for line efficiency.



Remote/phone support



Safety services

WHAT CAN WE DO FOR YOU?



PALLETISING

Our Award-Winning Range

Robomatrix® High Speed

Compact **Robomatrix®**

Pick & Place

Cobot Palletisers

Robot Pick & Place Depalletiser

Mechanical High Level Depalletiser

Mechanical Low Level Depalletiser



CONVEYING

The latest in conveyor technologies, custom-built to handle any type of product or packaging:

Container Conveying
(PET bottles, glass and cans)

Case & Tray Conveying
(cartons, multi-packs,
shrink-packs, open trays)

Pallet Conveying



ENGINEERING & PROJECTS

Engineering Diagnostics & Design

System Design 3D Simulation

Automation & Control Systems

Equipment Manufacture

Installation & Commissioning
(mechanical, electrical & software)

Total Project Management

Line Efficiency Audits



TECHNOLOGY PRODUCTS

Coding & Labelling

Inspection Systems

Rotary Labelling

Pallet Wrappers

Fillers

Robots

Case Packers

AGVs/AMRs



SAFETY

Risk Assessments

Safety Upgrades

Compliance

Reporting



CUSTOMER SUPPORT

Maintenance Support
(major service, system audit, robotics)

Operator & Maintenance Training

Remote Phone Support

Spare Parts Service

24/7 Support Programs
(mechanical, electrical & software)



LINE INTEGRATION

Industry 4.0

Systems Integration

Line Control

Line MES

FM Link

OMAC PackML



RELOCATION SERVICES

Factory

Equipment

End to End Service

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**At Foodmach,
our challenge is to put you
behind the wheel of the fastest, most
powerful production line solution possible.**

One that gives you real-time information and gets you to the finish line first. We guarantee you speed – speed of service and delivery because we're local manufacturers and do everything in-house, and higher operational speeds through better technology tailored to your exact requirements.

And we guarantee control – better project management control through a single point of contact and better machine control through the industry's most user-focused operation and software solutions. We integrate all the equipment on your line and give you more live data than ever before.

Control over operational safety too, because we're the safety experts and we make the safest machines in the business. We'll even relocate your entire factory and get you safety compliant.

**Foodmach is the fastest way to get control
of your packaging line.**

speed + control | ability