

SAFETY



Safety Product Range

Risk Assessments | Upgrades | Compliance | Reporting

FOODMACH

Automation | Robotics | Integration | Turnkey Projects

ARE YOU SAFE?

Does your operating plant and equipment meet stringent new safety standards?

Do you have the in-house skills and experience to ensure compliance?

We can help.

Foodmach has over 40 years of experience in the packaging industry, servicing the largest, most safety-aware corporations in the business. As a result, we have a dedicated team of electrical and safety accredited engineers and software programmers leading the way in safety compliance in Australia/New Zealand.

Let us:

1. Identify inherent risks in your operating plant and equipment
2. Relocate and install factory equipment to current Australian and International safety standards
3. Implement turnkey safety upgrades where necessary
4. Document compliance
5. Provide safety awareness training, maintenance and service support

Why You Need a Safety Audit

- Identify existing hazards
- Identify potential hazards before they have the chance to become dangerous
- Help in developing risk-reduction plans that can be practically implemented

Benefits of Independent Machine Safety Auditing

- An objective perspective, which is important in identifying all risks around the equipment/machine
- Specialist knowledge and experience, which allows us to recognise hazards that may not have been identified by internal Safety/OHS managers
- Specialist expertise from a company that is dedicated to keeping up to date with the latest regulations/standards and changes in available safety technology

HELPING YOU MEET LEGAL AND STANDARD REQUIREMENTS

Utilising in-house TÜV Rheinland certified machine safety engineers, Foodmach provides consulting and turnkey safety solutions.

Safety assessments and projects are conducted in accordance with:

- AS/NZS 4024 Series Safety of Machinery – including Part 1503: Safety Related Parts of Control Systems; Performance Level Evaluation (PL)
- AS/NZS 3000 Series – Electrical Wiring Standard
- Specific customer safety standards

RISK ASSESSMENTS

Risk assessments can be conducted on plant-wide processes, new or existing machinery or individual pieces of equipment. Foodmach will provide a detailed report analysing the risks and hazard evaluations and can provide equipment and services to address non-conformance to the standards.

“Thank you for your ongoing commitment to safety standards which truly support our safety culture.”

Brewery Director, Tooheys

FUNCTIONAL SAFETY & DESIGN

Engineering world class safety solutions based on the requirements detailed in the Safety Requirement Specifications (SRS), Foodmach have a holistic safety system approach utilising specialists who design, supply and integrate controls and devices for:

Mechanical Systems

- Safety fencing (mild & stainless steel, powder coated & polycarbonate)
- Machine and conveyor guarding
- Hoist locks
- Pneumatics (dump valves, check valves & controls)
- Mechanical isolation procedures (LOTO)

Electrical Systems

- Intelligent interlocked gate switches and request to enter (RTE) stations
- Light curtains and proximity laser scanners (PLS)
- Emergency stops
- Electrical energy isolation procedures (LOTO)

Software Systems

Safety PLC implementation and programming:

- Allen Bradley GuardLogix Safety PLC & distributed point I/O
- Siemens F Series PLC & ET200SP I/O
- Other programmable safety controllers

OMAC/PACK ML system design:

- Machine alarm and light stack management
- Machine status/machine operating modes/machine mode manager

SAFETY VALIDATION & COMPLIANCE

At the conclusion of every safety project, Foodmach provides documentation to support the correct functional operation and validation testing process.

This ensures compliance to the risk assessment and the directives outlined in the relevant standards.



For an obligation-free chat
about your needs, call us on
1800 571 825 or email
service@foodmach.com.au



WHAT CAN WE DO FOR YOU?



PALLETISING

Our Award-winning Range

Robomatrix® High Speed

Compact **Robomatrix®**

Pick & Place

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



PACKAGING TECHNOLOGIES

Inspection Systems

Collaborative Robots

Conventional Robots

Fillers

Labelling and Coding

Case Packers

Pallet Wrappers



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

Systems Integration

Line Control

Line MES

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