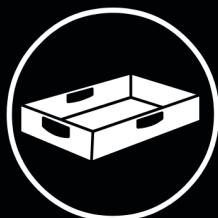


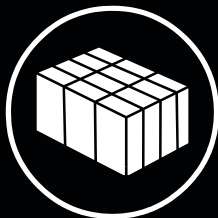


## > Company Profile

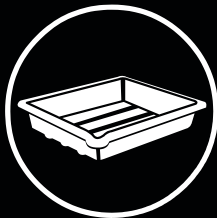
## Solutions for your Product



Reusable Crates



Cartons



Trays



Punnets



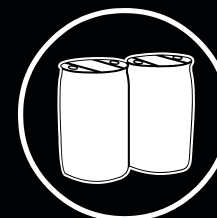
Jars -  
Glass/PET/HDPE



Shrinkwrapped  
Product



Tray & Shrink



Drums



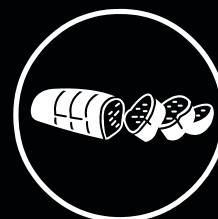
Bags



Pouches



Aerosols



Baked Goods



Bottles - Glass/PET/  
HDPE



Cans Single/  
Double Layer



Gable Cartons

## Solutions for your Industry



Fresh Produce



Beverage



Meat



Dairy



Craft Brewery



Packaged Food



Infant Formula



Pet Food



Household/  
Personal Care



Pharma/  
Health Care

# Company Overview

> We have been producing some of the world's best packaging machines for over half a century.

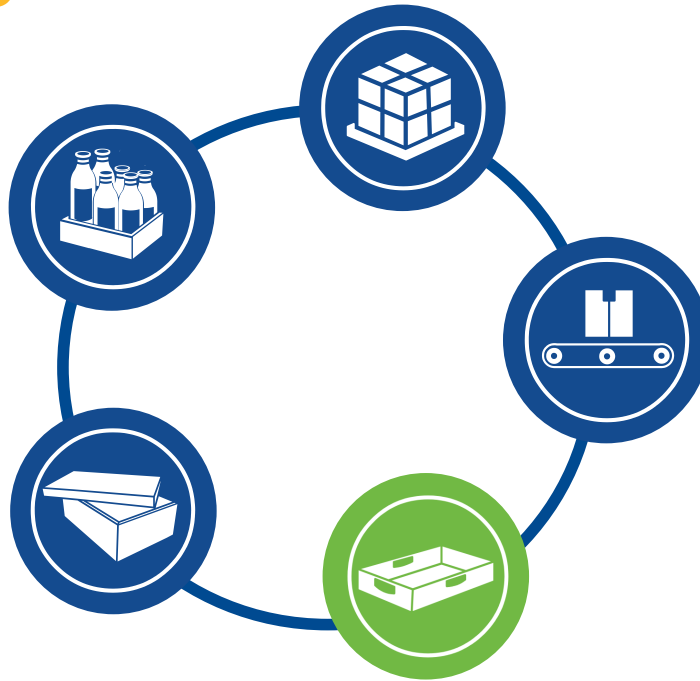
Fibre King works with customers to create engineered end of line automation solutions for the beverage, food, FMCG, personal care, pharmaceutical, meat and fresh produce industries. Our range includes case packers, palletisers, de-palletisers, case and tray handling equipment, robotic integration and conveying systems. Since 2006, our crate handling brand Oryx Automation offers reusable plastic crate and bin handling automation solutions for producers and crate poolers, with a focus on the fresh produce and meat industries.

Whether you are looking for an off the shelf packaging machine or a full turn-key solution with integration and robotics you'll enjoy lower overall cost of use with Fibre King equipment. With over 90 years of engineering excellence, international packaging experience and strong service capability, it is little wonder that Fibre King is the leading packaging equipment supplier in Australia.

Fibre King has a combined 5000 square metres of factory space in Australia and Thailand, a team of close to 100 designers, engineers, technicians, sales, service and support staff that all work together to export the international standard in packaging equipment across the globe.



# Our Range



## Fibre King Case Packers

Fibre King Case Packers are used globally by some of the biggest names in food, beverage, pharmaceutical, FMCG and petrochemical. They're reliable, accurate and easy to use. The range delivers maximum flexibility, with fully customisable features. Heavy duty construction makes them suitable for 24/7 production facilities.



## Fibre King Palletisers

Fibre King Palletisers are used throughout the world including Europe, China, New Zealand, the Philippines, South Africa, Thailand and Singapore. They are extremely reliable, efficient and economical in all their applications, offer advanced pallet handling, case orientation and tightly-formed high level stacking.



## Fibre King Conveyors

Fibre King uses the latest in conveyor technology. Our conveyor systems seamlessly integrate within production facilities and are custom made to ensure that production lines run fast with gentle product handling and reduced waste.



## Fibre King Case and Tray Handling

Fibre King's range of Case and Tray handling equipment is renowned for their ability to provide many years of faultless operation. Built to withstand the toughest of conditions and 24/7 operation you will have peace of mind that the job will be done accurately and efficiently with no downtime.



## Oryx Automation Crate Equipment

Returnable Plastic Crates (RPCs) are the future of fresh food packaging. Under Fibre King's trusted brand, **Oryx Automation**, we have developed the world's most reliable, cost effective range of equipment designed to erect, de-erect and palletise.



# Equipment Features

➤ Fibre King machines are designed and manufactured to provide as standard:

## Quick changeover times.

Changeovers on Fibre King equipment are fast and repeatable.

## Colour touchscreen PLC

Full monitoring of machine status and diagnostics. Remote access via an internet connection allows our engineers to provide immediate assistance from anywhere in the world.

## Clean and open design

No product catch points and easy operator and maintenance access.

## Robust guarding

Electrical interlocking to Australian and International standards. Give your staff the best protection and **quick access** for clearing jams or setup, maximising uptime.

## Quiet operation

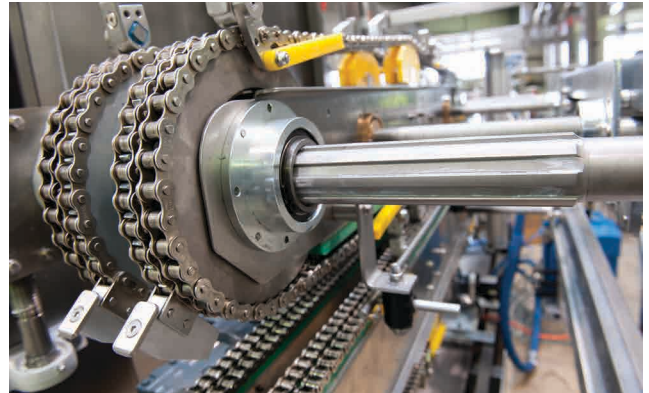
Usually less than 80dB.

## Heavy duty construction

**Designed** for use in 24/7 production environments – and for a serviceable life of in excess of 15 years.

## Reliability and Spare Parts Availability

Only high end proprietary items are used in our machines, ensuring reliable performance and immediate availability of spare parts.



# Case Packers

## ➤ End/Top Load RSC, Intermittent, Continuous Motion & Robotic

The range includes:



### Little Packer - Can Case Packer

Case Type: Regular slotted case (RSC)

Speed: Up to 5 cases per minute

Options: 375ml and 500ml cans. 4 or 6 pack clusters with an option to pack loose cans if required and can run both 24 and 16 can cartons



### RSC15 End Load

Case Type: Regular slotted case (RSC)

Speed: Max 15 cases per minute, infeed/collation dependent

Options: High capacity magazine (175-200 blanks)



### RSC Top Load

Case Type: RSC, tray & shelf ready

Speed: Dependant on Case Configuration - Dual P&P Option Available

Options: Flexible product and case handling



### Tray and Hood

Case Type: Shelf ready styles; Tray & wrap around hood or tray & HSC hood

Speed: Up to 10 cases per minute

Options: Multiple infeed & collating styles, partition inserting, clean design, Nordson fulfill kit, automatic adjustment positioning



### WAP10-25 Intermittent Motion

Case Type: Wraparound case & tray, shelf ready

Speed: 10-25 cases per minute, infeed/collation dependent

Options: High capacity (350-400 blanks), multi-lane infeed, internal manufacturer's flap, layer pad insertion, product inverter, non-round product

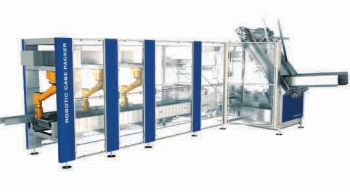


### WAP30-45-60 Continuous Motion

Case Type: Wraparound case, tray & shelf ready

Speed: 30/45/60 cases per minute, infeed/collation dependent

Options: Non-round product, dual layer product, bottle & cartons



### Robotic Case Packer

Case Type: Wraparound, tray or RSC cases

Speed: 25 cases per minute

Options: Configured to handle difficult to load products, multiple products into a single case or multiple products into multiple cases

# Palletisers & De-Palletisers

## > Mechanical & Robotic

The range includes:



### Compact Modular Palletiser (CMP)

**Product Type:** Cases, drums, shrinkwrapped packs & crates

**Speed:** Up to 15 cases per minute

**Options:** Over Under Pallet Conveyor for automatic pallet Change, Empty Pallet Dispenser, End or Side Loading facility



### CP20-60 Mechanical Palletiser

**Product Type:** Cases, drums, shrinkwrapped packs & crates

**Speed:** Up to 60 cases per minute

**Options:** Incline belt, pallet/layer sheet insertion, two tier stacking, drum & bag, stretch wrapping, automatic size change, multiple pallet sizes, two half pallets simultaneously, unitising, modular systems, pallet pattern



### Active 150 High Speed Palletiser

**Product Type:** Cases & shrinkwrapped packs

**Speed:** Up to 150 cases per minute

**Options:** Pallet/layer sheet insertion, two tier stacking, remote empty pallet dispenser, stretch wrapping, automatic size change, multiple pallet sizes, two half pallets simultaneously, unitising, modular systems, pallet pattern



### Robotic Palletiser

**Gripper Options:** To Suit - Vacuum, Side Clamp, Fork Tyne or Full Layer

**Product Type:** Cases, drums, shrinkwrapped packs & crates

**Options:** Pallet/layer sheet insertion, two tier stacking, remote empty pallet dispenser, drum & bag palletising, stretch wrapping, automatic size change, multiple pallet sizes, unitising (stacking onto pallet board), modular systems



### De-Palletiser

**Product Type:** Cases, cans, glass bottles, PET bottles, HDPE bottles, drums

**Speed:** Up to 6 layers per minute

**Options:** Layer sheet removal, pallet board removal, empty pallet stacking and operator platforms



### Robotic De-Palletiser

**Product Type:** Cases, cans and drums

**Speed:** Up to 6 cycles per minute

**Options:** Layer sheet removal, pallet board removal, empty pallet stacking

**Features:** Incorporated vision system, product singulising

# Crate Automation

## Crate Erectors, Palletisers & Wash Plant Equipment

Under our **Oryx Automation** brand, this range includes:



### GS Erector

RPC Type: Single crate size, batch run

Speed: Up to 20 RPCs per minute

Specifications: Pneumatic operation

Operators: 1 operator loading



### HS Erector

RPC Type: Can be designed for any RPC - handles random sizes

Speed: Up to 20 RPCs per minute

Specifications: Servo/pneumatic Operation

Operators: 1 operator loading



### HS Erector with Stacker Palletiser

RPC Type: Can be designed for any RPC - handles random sizes

Speed: 18 RPCs per minute

Operators: 1 operator loading

Requirements: Flat topped plastic pallets



### Crate De-Erector

Features: Folds down RPC's after washing

RPC Type: Can be designed for any Returnable Plastic Crate (RPC)

Speed: Dependent on operation

Operators: 1 Forklift driver loading infeed



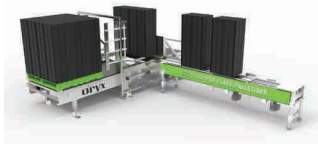
### Crate De-Palletiser

Options: Sweep or tipper style

RPC Type: Can be designed for any Returnable Plastic Crate (RPC)

Speed: Dependent on operation

Operators: 1 Forklift driver loading infeed



### Crate Palletisers

Types: Stripper plate style, CMP, CP20-60 range and robotic

Features: Pattern versatility, rapid size changing, standard capacities (Empty pallet dispenser: 10 pallet. Full pallet conveyor: 2 pallet)

Operators: 1 Forklift driver



### Washplant Automation

RPC Type: Can be designed for any Returnable Plastic Crate (RPC) -

Collapsible, Nestable or Stackable crate with Swing Bar Arm

Speed: Dependent on the Speed of Washer & Dryer

Operators: Dependant on System



# Case & Tray Handling

## > Lidders, Tray Erectors & Sealers

The range includes:

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### 1-6 Mag Chilled and/or Frozen Lidder

**Lid Types:** Frozen & chilled

**Speed:** Frozen 15cpm, chilled 20cpm, frozen 15cpm

**Features:** 304 S/S, multiple case heights, easy installation

**Options:** Magazine upgrades (1-6 expandable), flexible layout

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### Tray Former

**Tray Type:** Chilled (prelaminated & unlaminated)

**Option:** With or Without Laminator

**Speed:** 20 prelaminated trays per minute, 17 unlaminated

**Features:** Automatic lamination for stronger trays, secure seals, versatile product handling, automatic tray height changes, multiple tray footprints, trolley or blank stack conveyor loading, compact, flexible layout options

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### YL Sealer

**Case Type:** HSC Carton

**Option:** With or without auto size change

**Speed:** Dependant on Case Size – Up to 35 cases per minute

**Features:** Hot melt glue sealer for lower cost of operation over tape.

Uniquely designed to handle up to three different case sizes. Automatic infeed, compact design, top and bottom case sealing and easy size change

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### Case Erector

**Product Type:** RSC Carton

**Speed:** Up to 15 cases per minute

**Options:** Tape seal or hot melt glue seal and automatic adjustment

**Features:** Automatic feed vertical storage magazine and manual adjustment between different case sizes

# Service, Parts and Support

> From breakdown assistance to planned periodic maintenance contracts, Fibre King's Service Engineers are focused on a Total Productive Maintenance approach for the end user.

An efficient and productive factory relies on more than just a Service and Maintenance Program. We know from experience that both internal and external forces impact on equipment performance. Fibre King works with you to develop a Service Program that builds Total Plant Efficiency.

## Machinery Upgrades

The Fibre King Service Department provides a full range of rebuild and overhaul services for all of our equipment. From mechanical repairs and safety guarding compliance to PLC upgrades and reprogramming, all the services you need to keep your equipment reliable and future proof can be handled by us.

## Breakdown Assistance

We are 100% committed to making our machines work and our people are there when they're needed, every time. Our service partners around the globe ensure premium levels of assistance – no matter where you are.

## Total Plant Efficiency

Fibre King's Engineered Service solutions are centred around the concept of reliability and Total Productive Maintenance (TPM). The benefits of TPM include

- Improved quality
- Reduced waste
- Reduced manufacturing costs
- Increased equipment availability

## Global Reach

With a global equipment footprint, Fibre King coordinates all service and maintenance requirements and resources out of Australia. With service staff in both Australia and Thailand Fibre King also partner with service providers in North America, New Zealand, United Arab Emirates and Europe. Our equipment's remote servicing capabilities mean that we can dial in to diagnose online.

## Support You Can Rely On

**Your investment into a Fibre King machine is backed by our full service warranty, operator training and ongoing support.**

**We're on hand to make sure your production line is working at maximum capacity from the date of commissioning, no matter what it takes.**



# Why Fibre King?

Anyone can build automation equipment, and there's plenty of cheap equipment around. What you need to worry about is:

Can they make it work? 24 hours a day, 7 days a week?

Fibre King equipment combines practical design, robust manufacturing and simple operation providing our customers with a thoroughly reliable machine. Backed by our extensive engineering experience spanning over ninety years gives our customers peace of mind that they are being serviced by an experienced global player.

## Preferred Supplier:

We are the preferred supplier to key industries of some of the biggest names in the corporate world. Our relationships have been forged through proven results of providing reliable, high quality machinery that have stood the test of time.

When implemented effectively, end of line Automation achieves the following benefits for end users:

- Reduced Direct Labour Costs
- Improved Productivity
- Increased Product Quality
- Increased Capacity
- Reduced Risk of Injury



When you choose Fibre King, you are choosing speed, precision, reliability and peace of mind. Intelligent packaging machinery designed to future proof your business and increase your profits.

# Our Clients

> Some of the world's largest corporations choose Fibre King.

**Arnott's Biscuits** AUS (part of Campbell Soups) case packers for cartons)

**AGB** AUS (case packer, product & case conveying system and five infeed Robot Palletiser with Pallet Handling)

**Bolthouse Farms** USA (crate erectors for fresh produce)

**Coca-Cola** AUS (case packers for cans, bottles, hot-fill PET and glass, multipacks; palletisers)

**Colgate-Palmolive** AUS (case packers for cartons and block bottom bags of detergent powder, cartons of toothpaste; palletisers)

**Emergent Cold Storage** AUS (palletisers for meat)

**Fosters** AUS (case packers for cans, glass bottles, multipacks)

**Fonterra** AUS (case packers for tubs)

**Goodman Fielder** NZ (case packers for tubs)

**H-E-B** USA (crate erectors for fresh produce)

**JBS Swift** AUS (meat equipment and palletisers)

**Kelloggs** RSA (case packers for cartons)

**Kraft Mondelez** AUS (case packers for cartons)

**Kilcoy Pastoral Company** AUS (Tray Former and Lidder)

**Lion Dairy & Drinks** AUS (part of Kirin) (case packers for bottles – PET, hot-fill PET, HDPE, glass and gable top cartons; palletisers)

**Logtek** AUS (crate equipment & washplant systems)

**Mars Confectionery** AUS (case packers for cartons)

**Mars Petcare** AUS (case packers for cartons; palletisers)

**Mitolo Group** AUS (crate equipment)

**Mobil** AUS (case packers for oil bottles)

**Nestle Purina** Thailand (Dual Robot Palletiser System)

**Nestle Waters** RSA (case packers for PET multipacks)

**Orlando Wyndham Group** AUS (part of Pernod Ricard) (case packers for glass bottles, wine casks; palletisers)

**Orora** AUS (case packers, palletisers, meat equipment, tray formers installed at Amcor client operations Australia-wide)

**Parmalat** AUS (case packers, crate palletisers, palletisers)

**Reckitt Benckiser** AUS (case packers for HDPE bottles)

**PZ Cussons** AUS (case packers for cartons and block bottom bags of detergent powder, cartons)

**Sanitarium Health Food Company** AUS (case packers for cartons)

**SC Johnson** AUS (case packers for aerosol cans; palletisers)

**Schweppes** AUS (part of Asahi) (case packers for cans, multipacks; palletisers)

**Shell** Philippines (case packers for oil bottles)

**Simplot** AUS (case packers for cartons; palletisers)

**Snapfresh/QANTAS** AUS (case packers for frozen airline meals)

**Wyeth/Nestle** AUS, China, Philippines, Malaysia, Dubai, Singapore, Ireland (case packers for cans, cartons, block bottom bags)

**"Fibre King's ability to understand the particular challenges we faced, develop innovative design solutions, execute the build in a timely and cost effective manner and support us through commissioning stage were outstanding".**

**Greg Tunks, Logtek**



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