



AURORA

INDUSTRIAL PACKAGING
FROM START TO FINISH



AURORA

INDUSTRIAL PACKAGING — FROM START TO FINISH

INTRODUCTION	03
THE PROCESS	06
PEACE OF MIND	10
SERVICING AND SUPPORT	12
INDUSTRIAL PACKAGING SYSTEMS	14
Open Mouth Filling	16
Valve Filling	20
Form Fill Seal Filling	21
Case Packers	23
Bulk	24
Bag Closing – Sewing	25
Bag Closing – Sealing	26
Palletizing	30
Pallet Wrapping	34
Pallet Hooding Systems	37
Sustainable Stretch Hood	33
Accessories	40
PACKAGING CONSUMABLES	44
FUNDING YOUR PACKAGING EQUIPMENT	47
PERSONALISE YOUR PROCESS	48
CONTACT US TODAY	50

ARE YOU AT THE START OF THE PACKAGING AUTOMATION JOURNEY OR WELL DOWN THE ROAD?

Do you want to —

- Increase production
- Become more competitive
- Remove the difficulty of organising manual labour
- Remove health and safety risks
- Get business owners off the production floor
- Reduce HR costs and risk
- Gain operational efficiencies
- Demonstrate capability, competence and reliability
- Improve your packaging quality
- Keep up with market demands
- Build industry trust and respect

Aurora is here to help your business get ahead, turn your manufacturing into a competitive advantage and unlock potential through everyday packaging automation and robotics.

We understand industry, not just products.

We develop, implement, measure, fine tune and closely support our end to end solutions — not just sell them.

AURORA — we unlock your potential.

HOW WE UNLOCK YOUR POTENTIAL

Our solutions start from package filling onwards. **FILLING AND CLOSING, CONVEYING, PALLETIZING, PALLET FINISHING** — that's our core competency, it's how we add value, it's what we are very good at.

Aurora specialises in a variety of package types from **200g up to 2 ton**.

We provide the **specialist packaging equipment** to handle these package types and the associated infrastructure to transport them through the process and **add value on the way**.

We supply **individual items** of equipment for a variety of process duties from filling to wrapping – for plant upgrades, replacements and process extensions.

Aurora has specific ability in providing **full turn-key end of line packaging systems**. These comprise of interlinked process units from filling to wrapping. A layer of control and intelligence is placed over the whole assembly resulting in a **smart and optimized process line** – capable of producing highly competitive world class products.

We also provide a range of specialist packaging consumables. From crepe tape and sewing thread through to bags and hooding film. This enables us to optimise your equipment to suit the consumables and vice versa.



FROM START TO FINISH —

We provide an end-to-end service; from consultation through to design, modelling, manufacturing, installation, training, service and support. This includes both equipment and your packaging consumables. This saves time and money, and removes the risks of a disjointed project.



TRUSTED ADVISORS —

We focus on intelligent solutions to real client problems. We don't just sell you equipment – we are selling you success. Count on us for solid advice, no shortcuts, and great communication and critically – close on-going service and support!



ECONOMIC SENSE —

We have excellent tools that help us determine exactly what the ROI and EOC returns are for your idea. This will cost you nothing but could save you a lot.



FACE-TO-FACE PHILOSOPHY —

In a world of automation we don't automate the human contact. Expect to see us on-site, in your shoes, before and after we make your automation/ process challenges disappear.



TRANSPARENCY —

We use experienced, highly capable team members, and technology such as 3D scanning, CAD and VR to keep everyone informed throughout the journey. You can fully visualize the automation solution, iron out the issues before any of the big decisions are made.



FINANCING SOLUTIONS —

We know in business that there are always competing requirements for finance. At Aurora we have some great finance options including a PayPerPak option to shift the expense from CAPEX to OPEX. In addition, we have rental, lease and other finance products to help you get ahead today!



PARTNERS IN PROCESS —

Installation is just the beginning, and this is especially true for rural customers. Engineering, technical and customer support that ranges from humans that actually answer phones, to boots on the ground – we are committed to keeping your solution in peak condition year-on-year with no headaches.



EXPERIENCED —

We work in, live in and most importantly, understand your industry conditions and needs. We've been doing this for decades. Simply put, this makes for a smooth, enjoyable and successful project with peace of mind.

THE PROCESS

— ALL YOUR BASES COVERED



3 Proposal, business case, ROI, drawings and animations

4 On-site virtual visualisation of proposed solutions

5 Solution finalisation and acceptance

6 Project and client hub introduction

7 Team site review

8 Product trials

9 Detailed engineering and design review

10 Drawings and scope finalised and approved

11 Manufacturing and assembly

12 Pre-commissioning and quality control

14 Shipping – Tracking and control

13 Factory acceptance testing



IS WHERE WE START

END-TO-END SYSTEMS

FILLING

CLOSING

CONVEYING & CONDITIONING

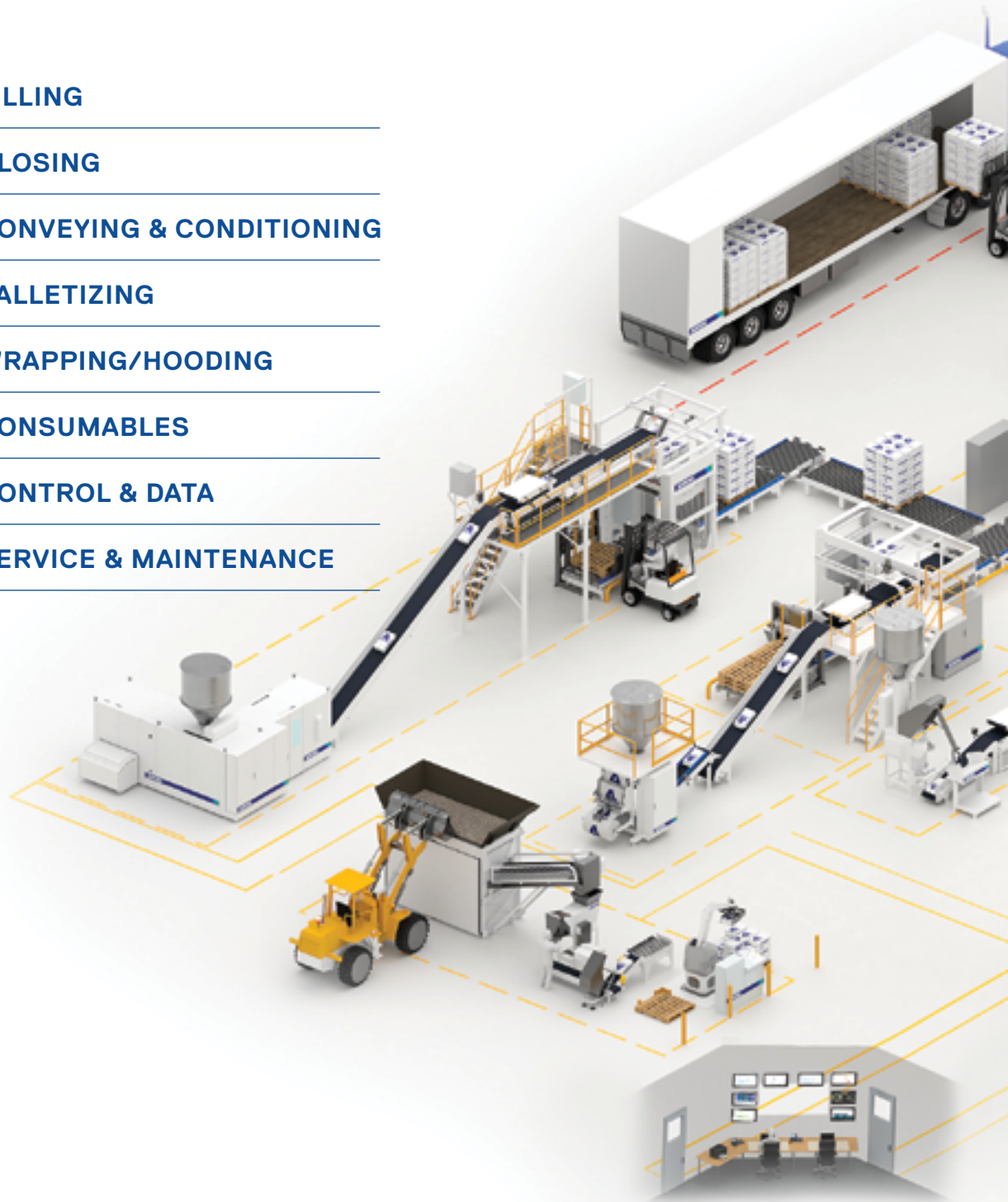
PALLETIZING

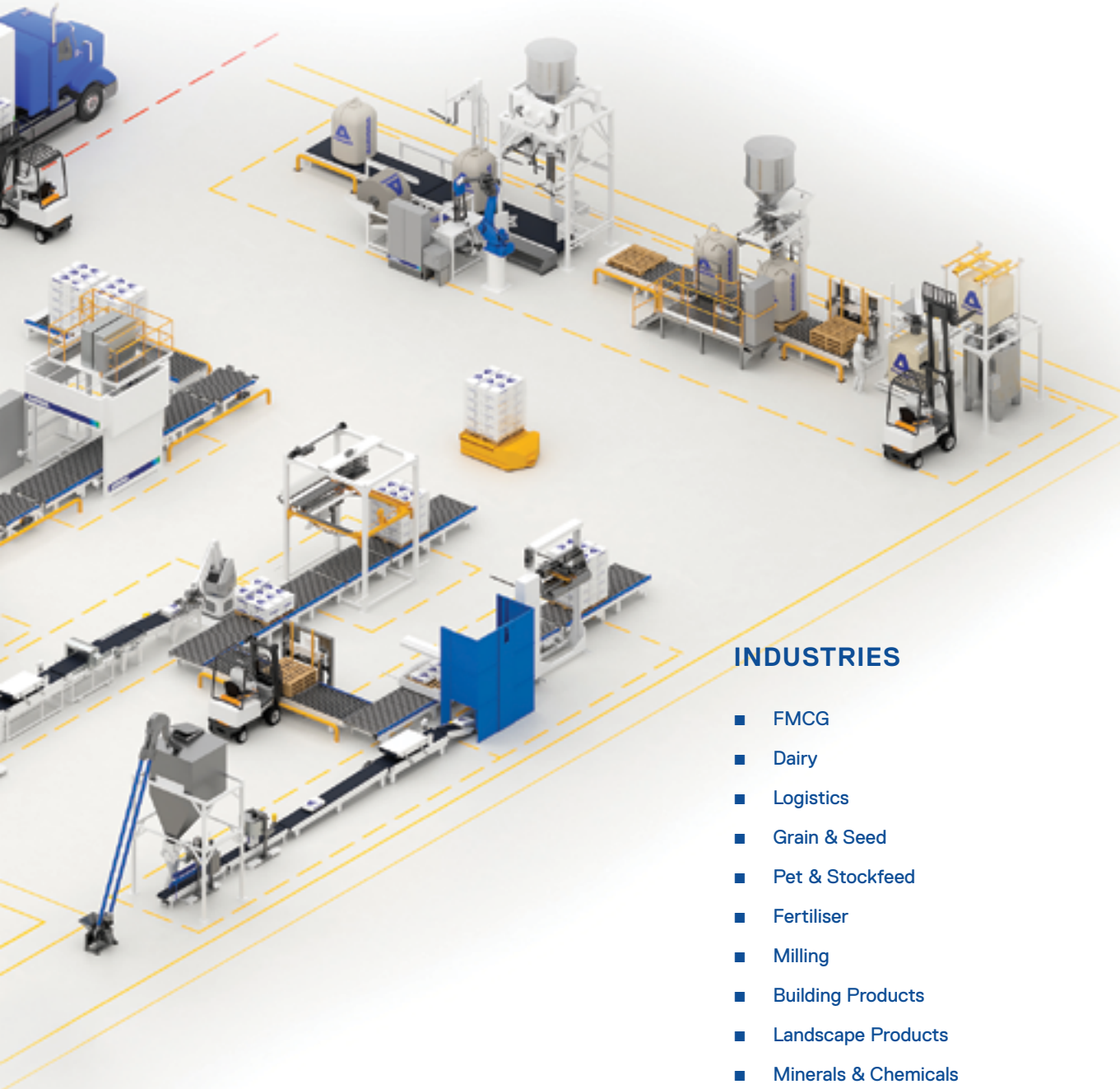
WRAPPING/HOODING

CONSUMABLES

CONTROL & DATA

SERVICE & MAINTENANCE





INDUSTRIES

- FMCG
- Dairy
- Logistics
- Grain & Seed
- Pet & Stockfeed
- Fertiliser
- Milling
- Building Products
- Landscape Products
- Minerals & Chemicals
- Food
- Plastics
- Ingredients

USING TECHNOLOGY TO PROVIDE PEACE OF MIND



TRAINING

Using Mixed Reality (MR) technology we greatly speed up your teams familiarisation and mastery of the new equipment.

SERVICING & SUPPORT

To supplement our team on the ground we utilize MR technology to provide immediate assistance using verbal and visual instructions regardless of the time and place.

This removes distance and enables you to have fully trained technicians to be virtually onsite supporting your team within minutes.

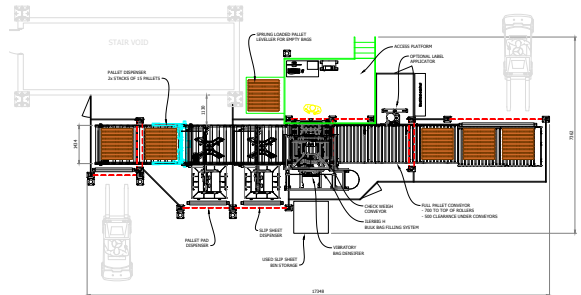


SOLUTION VISUALISATION

Our team will create a 3D model of the packaging solution and place it in your workplace. You can view this, walk around it, share with your team. Great way to make sure its going to deliver exactly what you want and eliminate surprises.

CAD MODELLING

Our CAD team work with you to model the ideal solution. See your future process animated!



YOUR COMPLETE SERVICING & PARTS SUPPORT



We focus a lot on servicing. It is one of the most important areas of our business. Experience has shown us that the post-install time is when you want the most support and communication.

We totally understand this, especially for our rural clients. We understand the cost of each minute of plant downtime. We also understand that, especially if you're a first time automator, you will want someone close at hand to support you directly as your team gets up to speed with new equipment.

To this end we have established a great network of technicians that can visit sites across NZ and Australia, supplemented by engineers and technicians available on call to discuss any servicing and maintenance matters.

We look after your regular maintenance schedule and keep track of your critical maintenance requirements with timely reminders and accurate service records.

- On-site servicing and repairs
- Robotic and mechanical palletizer technicians
- Bag filling and closing equipment servicing and repair
- Guaranteed quality workmanship
- Fully trained repair technicians
- Rapid turnaround options available
- MR and VR remote service and support available
- Staff training
- Proprietary parts



INDUSTRIAL PACKAGING SYSTEMS





Plaster Systems
EzyTex
FLOAT

20kg

EzyTex

20kg

Plaster Systems
EzyTex
FLOAT

20kg

OPEN MOUTH FILLING

PRODUCT TYPES — POWDER, GRANULAR, DUSTY, HAZARDOUS, TEXTURED, CAKING

AFO-GTA2 GROSS WEIGH BAG FILLING SCALE

The GTA2 Series of open mouth baggers use a patented self-damping beam scale for reliability when filling bags of free flowing granular product. The flow control regulates the speed of material going through the scale and can be adjusted for light or heavy density material. The AFO-GTA3 features a pneumatic cut-off gate and pneumatic bag clamps for ease of operation.

600 BAGS PER HOUR 5-40 KG BAGS



AFO-G10 GROSS WEIGH BAG FILLING SCALE

Aurora's G10 open mouth bagging scale is the industries choice for accurate, user friendly, and intelligent gross weighing of free flowing granular products. The innovative scale has multiple-recipe functions along with a self-correcting feature for precise weighments at high speed. This unit has several easy-clean features that save time and effort between products.

750 BAGS PER HOUR 5-40 KG BAGS



AFO-NTA NET WEIGH BAG FILLING SCALE

The NTA Net weigh scale is designed for packaging free-flowing, granular products into open mouth bags. The net weigh bucket continuously refills with product and is discharged by the operator's signal. The internal bulk and dribble flow gates are adjustable for use with a variety of products and the digital keypad provides easy set-up. Duplex units provide a faster bagging rate and can be used for feeding automatic bagging systems.

1000 BAGS PER HOUR SIMPLEX | 1,400 BAGS PER HOUR DUPLEX 5-40 KG BAGS



AFO-B10 BELT PACKER

The AFO-B10 Belt Packer is designed to fill a wide range of granular or fibrous materials into open mouth bags and containers. The AFO-B10 Belt Packer uses a single belt feeder and gross weigher system to feed product into bag clamps. The bag fills rapidly up to a pre-set point, then the belt uses a trickle feed system to accurately complete the fill to the total set weight required. Operators enjoy the simplicity and speed of the standard multiple recipe function.



400 BAGS PER HOUR

5-40 KG BAGS

AFO-A10 AUGER PACKER

The Aurora A10 Electronic Auger packer is specifically designed for bagging powdered products that cake, bind, and bridge. Using a two-speed auger system, this unit accurately fills open mouth bags at a rate of up to 400 bags per hour. Simple operation with touch screen controls provides a wide range of adjustment and fill optimization. Available with dust reducing clamps and small bag adapters.



400 BAGS PER HOUR

5-40 KG BAGS

ILERFIL ABS SEMI-AUTOMATIC BAGGING MACHINE

Manual gross weigh bagging machine for powder products. This unit uses an auger for dosing which enables precise control over weightments. Featuring an easy clean design and compact footprint, the Ilerfil ABS is a popular option across industry.



240 BAGS PER HOUR

15-50 KG BAGS

BP10 BAG PRESENTER

A breakthrough for the bagging industry. Automate your bag presenting without the usual cost and disruption. Our patented BP10 unit simply takes the place of an operator and retrofits to your existing bagging head. Robotic arms pick bags from a magazine, place them on your bagging head, initiates the fill and then guides the bag through to closing.

- Retrofits to existing filling heads
- Small footprint
- Handles open mouth and valve bags
- Highly adjustable
- Suitable for a range of bag materials including paper, BOPP, WPP, PE



400 BAGS PER HOUR

5-50 KG BAG

ILERSAC A AUTOMATIC LOW SPEED BAGGING MACHINE

For filling paper, PE, WPP and BOPP open mouth bags. This versatile unit provides a compact and totally automated end of line solution for filling and closing. It is compatible to a wide range of product dosing types and will bag to either gross or net weight measures.



750 BAGS PER HOUR

5-50 KG BAGS

ILERSAC L AUTOMATIC MEDIUM SPEED BAGGING MACHINE

Specifically designed for powdery products the Ilersac L Automated Bagger fills paper, PE, WPP and BOPP open mouth bags reaching capacities of up to 900 bags per hour. This unit provides dust-free operation and features maximum accessibility for cleaning and maintenance. An industry leading solution for automated filling and closing.



900 BAGS PER HOUR

10-50 KG BAGS

ILERSAC W AUTOMATIC GUSSET FORMING HIGH SPEED BAGGING MACHINE

The Ilersac W is a specialist unit for processing open mouth WPP, BOPP, Paper and PE bags. An industry leading solution for automated filling and closing of pillow or side gusseted bags. This bagger features an output capacity of up to 1200 bags per hour.



1200 BAGS PER HOUR

10-50 KG BAGS

ILERSAC R AUTOMATIC ROTARY CAROUSEL BAGGING MACHINE

This is a high-throughput fully automatic bagging system designed to process up to 1000 bags per hour. This unit provides dust-free operation and features maximum accessibility for cleaning and maintenance. An industry leading solution for automated filling and closing.



1000 BAGS PER HOUR

10-50 KG BAGS

ILERSAC H AUTOMATIC THERMO SEALING BAGGING MACHINE

This end of line process solution is designed to fill pre-made PE/Thermosealable open mouth bags when final presentation and aesthetics of the filled bag is critical or where de-aerating is required prior to hermetic sealing. The Ilersac H Automated Bagger has capacity for processing up to 1000 bags per hour. An industry leading solution for automated filling and closing of thermo-sealable bags.



1000 BAGS PER HOUR

5-50 KG BAGS

VALVE FILLING

PRODUCT TYPES — POWDER, GRANULAR, DUSTY, HAZARDOUS

AUGER VALVE BAGGER

Our Industrial Auger Valve Bag Filler is designed to package products that bind, cake, or bridge easily into valve bags. The auger is engineered to minimize product aeration, ensure consistent product flow, and maintain a clean operation. An optional agitator assists in feeding poor-flowing products, further enhancing productivity. Available in both semi-auto and fully automatic formats for low to high-speed bagging.



240 BAGS PER HOUR

10-40 KG BAGS

AFV-IV AUTOMATIC IMPELLER PACKER

The AFV-IV series of impeller packers is an ideal solution for accurately packaging low density and low fluidity powder and granular material. Precision gross weighing and dual speed filling system provides consistent accuracy. Enjoy an easy clean design, heavy duty construction and a wide range of accessories. Single to multiple filling spouts provide a filling system that can grow with your business.



450 BAGS PER HOUR/PER SPOUT

10-40 KG BAGS

ILERSAC VBF PNEUMATIC VALVE BAGGER

The VBF unit is used to fill a wide variety of powder and granular products into valve bags. This pneumatic filler is a heavy-duty machine designed for materials that may compact, clump or require gentle handling. It simultaneously pressurizes and fluidizes products. The VBF is intended for rugged and continual use with little maintenance.

Available in both semi-auto and fully automatic formats for low to high-speed bagging. The automatic models are available with ultra-sonic closing technology for a sift-free high integrity closure.



450 BAGS PER HOUR

10-40 KG BAGS

FORM FILL SEAL FILLING

PRODUCT TYPES — POWDER, GRANULAR, DUSTY, HAZARDOUS

ILERBAG H HORIZONTAL FFS BAGGER

The Ilerbag H is an ideal solution for those industries seeking reliability, versatility, automation and autonomy in their packaging process. Featuring clean design, compact footprint and easy maintenance, this unit will process up to 1600 bags per hour. A great form-fill-seal option for those looking for significant savings in packaging costs.



1600 BAGS PER HOUR **5-40 KG BAGS**

MF 50 SPEEDY VERTICAL PACKAGING MACHINE

The MF 50 SPEEDY continuous vertical packaging machine is the specially developed model for those looking for high output for small formats. Compact and suitable for tight spaces, it is a fast, flexible and easy-to-maintain machine.



6300 BAGS PER HOUR **0.05-1 KG BAGS**

MF 58 VERTICAL PACKAGING MACHINE

The MF 58 vertical packaging machine is the perfect solution for those seeking a dependable machine for medium-high production and medium-large formats (5 to 30 kg). It is intended to process pillow or gusset type bags in polyethylene, polypropylene and laminates. Dimensions range from a minimum of 330 x 400 mm to a maximum of 580 x 980 mm.



1200 BAGS PER HOUR **5-30 KG BAGS**

MF 60 VERTICAL PACKAGING MACHINE

The MF 60 packaging machine is the specifically designed solution for packaging large formats. It can handle pillow, gusseted and square-bottom bags. The maximum bag dimensions are up to 630x1080 mm, with packages ranging from 5 to 50 kg. Reliable, high-performance machines, reaching outputs of 1000 bags/hour. It is particularly used in petfood, feed, seed and plastic granule handling.

1000 BAGS PER HOUR **5-50 KG PACKAGES**



MF 60 VACUUM VERTICAL PACKAGING MACHINE

The MF 60 VACUUM vertical packaging machine is the perfect machine for the production of large formats with vacuum packaging. This is particularly suited when it is necessary to extend the life of products and make compact, regular and easy-to-process bags.

The packages have a minimum dimension of 330x400 mm up to 630x1080 mm and a weight between 5 and 50 kg. Dependable and efficient machine, reaches outputs of 100-120 bags/hour, with single vacuum chamber.

1000 BAGS PER HOUR **5-50 KG PACKAGES**



AFF-B SERIES COMPRESSION BAGGERS

Automatic compression baling machines for chaff, wood shavings, animal bedding, horse feeds, grass and straw. Infeed hoppers, reel hoists and intelligent control systems available. Not only will these units fill bales but the same unit can be utilised to perform conventional FFS bagging tasks such as potting mix, soils, sands, mulch, bark, fertilizers. Robust and built for demanding environments. A perfect bale every time.

350 BALES PER HOUR **5-25 KG BALES**



CASE PACKERS

PRODUCT TYPES — CARTONS, TRAYS

CASE PACKER MACHINE - TOP LOADING

The Case Packer MF CUBE is a secondary packaging system for top loading of bags, doypacks, bottles and every type of containers into American cases (also known as RSC cases). These units form, fill and close a wide range of carton types. Its modular design allows for complete customization and the inclusion of various components to suit your application.



12 CARTONS PER MIN

CASE PACKER MACHINE - WRAP AROUND

The Altair HT wrap-around system is a highly efficient carton packer that wraps flat carton blanks around products and seals them with hotmelt glue. The Altair model offers exceptional flexibility, allowing the creation of innovative and diversified packs, including easy-to-open cartons, trays, and other specialized pack types.



100 CARTONS PER MIN

PICK & PLACE SYSTEMS

Automatic carton packing machines. We have a range of systems using either robotics or cartesian action for secondary packaging. Flexible design allows for multiple carton sizes and a range of item types to be handled. Custom, application specific designs.

Up to 12 cartons per min.



12 CARTONS PER MIN

BULK

PRODUCT TYPES — POWDER, GRANULAR, DUSTY, HAZARDOUS, TEXTURED, CAKING

AFB-U10 BULK BAG UNLOADING FRAME

The forklift loaded bulk bag unloading frame is a robust, sturdy frame with a load rating of up to 2000kg. It features a simple yet versatile design accommodating a range of different bulk bag sizes with quick change over time. The bag straps are quickly and easily secured to the lifting cradle providing a safe and secure procedure. It is a fast and simple system for a reliable and efficient process. An electric hoist and trolley unloading frame is a great option for areas with limited forklift access. Spout clamps, paddles, closer options.

500-1000 KG BAGS



AFB-M10 MANUAL FILLING

The AFB-M10 unit is a simple and compact unit for efficient filling of bulk bags. This unit features excellent weight accuracy and a throughput capacity of up to 10 bulk bags per hour.

10 BAGS PER HOUR 500-1000 KG BAGS



ILERBIG SEMI-AUTO

Optimise your bulk bag filling with an Ilerbig Semi-Automatic system. Enjoy dust-free packing conditions and high process efficiencies. This unit features excellent weight accuracy and a throughput capacity of up to 30 bulk bags per hour and is also suitable for hygienic applications where mitigation of cross-contamination is critical.

30 BAGS PER HOUR 500-1000 KG BAGS



BAG CLOSING – SEWING

MODEL F PORTABLE BAG STITCHER

The versatile Model F Portable Bag Stitcher portable bag closer is the perfect solution for small volume bagging applications that include the agricultural, food, pet, animal and chemical sectors. The F-Series will handle your most demanding bag-closing jobs safely and efficiently. This fast, heavy duty, versatile hand-held bag closer works with virtually all bag substrates including woven polypropylene and multi-wall paper bags.



300 BAGS PER HOUR

ACS-L10 SEWING SYSTEM

The Aurora L10 Sewing System can operate manually, semi-automatically and automatically for outputs up to 400 bags/hour. The Mini System is a Fischbein “FB” sewing head mounted on a pedestal for installation above a synchronized conveyor. A Fischbein Power in-feed unit together with various other options form an automatic sewing unit for general bag closing.



400 BAGS PER HOUR

5-50 KG BAGS

ACS-H10 SEWING SYSTEM

Aurora’s H10 Sewing System is designed to deliver reliable and smooth bag and sack sewing performance with low vibration in demanding environments. Featuring a compact design, Model 100 Standard Sew and Model 101 Tape Sewing Heads are known as the leading trouble free bag sewing technology. With a 8-22 m/min sewing speed, the Industrial Sewing System is perfect for sewing every type of open-mouth bag including paper, woven propylene and jute.



800 BAGS PER HOUR

5-50 KG BAGS

BAG CLOSING – SEALING

PBC 6000 PINCH

The PBC 600 is a heavy-duty sealer producing a sift resistant bag closure for a wide range of products in pinch style paper bags. A patented break-away design allows for easy access for cleaning and servicing. This units' operation is simple, safe and easy to use making it a popular choice across a range of industry.

900-1200 BAGS PER/HOUR **5-50 KG BAGS**



PILS 300 MULTI-WALL

Aurora's PILS 300 Multi Wall Bag Sealer is engineered with a high-speed, maintenance free, direct drive system that maximizes production on semi or fully automated bagging lines and an extended non-stick folder blade that results in bag closures unmatched for reliability. Designed to close a pre-glued, pinch style bag with a heat-sealable PE inner liner. The sift-proof closure makes this bag style perfect for use with certain food products, food additives, dry chemicals, fertilizers, pesticides and pet food products.

900-1200 BAGS PER HOUR **10-50 KG BAGS**



DRC 300 DOUBLE ROLL

The DRC-300 Double Roll Closer is specifically designed to seal small open mouth multi-wall paper bags weighing between 5 and 12 kgs. The DRC unit trims and folds the bag top twice, accurately applying hot melt adhesive between the two folds for a clean high-integrity seal. This unit features efficient hot melt glue application and easy-to-use controls.

900-1200 BAGS PER HOUR **5-12 KG BAGS**



SH-1000 HOT AIR

The state-of-the-art Hot Air Sealer. The SH 1000 uses the principle of heat transfer by convection and patterned pressure wheels to provide a high integrity seal.

900-1200 BAGS PER/HOUR

5-50 KG BAGS



SB-1000 CONTINUOUS

The Saxon SB-1000 is a continuous, vertical, rotary band sealer for flat or gusseted plastic bags/pouches. Ideal for use in food, medical, pharmaceutical and chemical sectors. Available in a right to left or left to right operating direction, the SB-1000 has two heat bars and a single controller that can create seals up to 12 mm wide on bags or pouches made from polyethylene (PE), poly laminates, co-extrusions and shrink film.

900-1200 BAGS PER HOUR

5-50 KG BAGS



CPH PINCH-TOP BAG ALIGNER & SEALER

The CPH-WPP machine is designed for aligning and sealing woven PP bags with a pinch top closure using the hot air sealing method. No sewing or gluing needed! The perfect pinch closure guarantees great shelf appearance of your filled WPP bag.

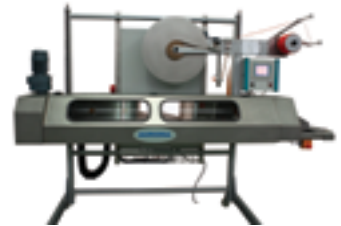
3,900 BAGS PER HOUR

10-50 KG BAGS



FTS SIFT PROOF EASY-OPEN CLOSURE

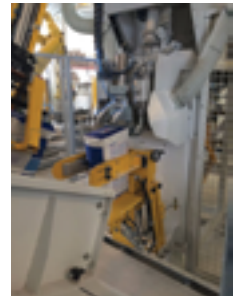
The FTS closure (Fold and Tape Sealer) is a double fold closure sealed with a sealing tape that is much more durable than traditional bag closures. It is the most modern and user-friendly bag closure. The FTS closure can be opened without tools and without damaging the bag using the integrated tear-off strip. As a result, no shreds of paper end up mixed in with the contents of the bag. Strippable bags (in the case of paper bags with plastic liners) makes it easy to separate the waste without any additional effort.



22 METERS PER MIN

ULTRASONIC VALVE BAG SEALING

For high speed and high seal integrity Aurora provide ultrasonic sealing units for valve bagging equipment. Great for improving packaging aesthetics and factory health & safety.



FUJI ROBOTIC PALLETIZER



PALLETIZING

PRODUCT TYPES — BAG, SACK, LAYER FORMING, OVERLAPPING, CRATE, CARTON, BUNDLE

APR SKID MOUNT PALLETIZER

The Palletizing Solution that Evolves with Your Business. Designed for businesses across Australasia, the APR Skid Mount Palletizer is your go-to system for efficient and reliable palletizing. Its rapid installation, compact footprint, and modular design make it an industry favourite.

Powered by Fuji Robotics, renowned for legendary reliability and minimal maintenance, the APR Skid Mount Palletizer is the intelligent workhorse your business can rely on, day in and day out.

Key Features:

- Quick Installation: Get up and running in just one day.
- Flexible Positioning: Easily relocate or reposition as needed.
- Hygienic Design: Effortlessly clean underneath the entire cell for superior hygiene and pest control.
- Modular Growth: Seamlessly add pallet conveying, wrapping, additional infeed lines, and more as your business expands.
- Maximized Uptime: The dual-cell system allows continuous palletizing while finished pallets are removed.
- User-Friendly Operation: Make most operational changes in under 30 seconds via the central touch screen.
- Robust Safety Compliance: Fully compliant with AS/NZS 4024 machine guarding standards.



FUJI ROBOTIC PALLETIZER

The No.1 palletizing robot in the world! Thousands of robotic palletizers have been installed worldwide providing substantial cost savings and significant increases in production efficiency to many companies ranging from small single-product manufacturers through to international industry leaders. World's fastest palletizing robot with unmatched stacking accuracy High Speed with Energy Efficiency – 30% less power consumption than alternative brand palletizers! Minimal Maintenance – Onboard diagnostics and service pop-ups ensure years of reliability and trouble-free operations. A key feature of this Fuji technology is ease of programming and operation.



UP TO 2400 BAGS PER HOUR **1-60 KG PAYLOADS**

APC-L10 CONVENTIONAL PALLETIZER LOW LEVEL

Reduce labour, downtime and health and safety risks by eliminating manual handling of bagged product. This palletizer uses what's called a conventional style palletizing system. These units are simple, robust, uncomplicated and very effective for applications up to 750 bags per hour. Aurora's conventional palletizer is very economical when it comes to valuable space. The compact construction means that it can easily replace most manual operations without requiring additional floor space. Its versatile design enables you to feed empty pallets to the palletizer from either one of three sides, increasing options for positioning in your packing area.



750 BAGS PER HOUR **5-60 KG BAGS**

SMART PALLETIZER

The SMART palletizer, designed for medium production rates, combines efficiency, ease of use and versatility. This unit can process loads of up to 50 kg with throughputs of up to 500 cycles per hour. Its compact size makes it the ideal solution for working in confined spaces. It has a small footprint and can be easily placed in any end-of-line. Its modular structure then guarantees different mounting combinations and consequent adaptability to different working environments and existing systems.



800 UNITS PER HOUR **0-50 KG PAYLOADS**

ILERPAL P GANTRY PALLETIZER

The Ilerpal P is the industry leading solution for efficient palletizing in tight and confined spaces. The Ilerpal P utilizes advanced engineering and automation expertise to compress this low level palletizer into a smaller footprint and still feature an efficient 400 bag per/hour capacity.



400 PAYLOADS PER HOUR **5-60 KG PAYLOADS**

ILERPAL C HIGH LEVEL HIGH SPEED PALLETIZER

The Ilerpal C is the perfect solution for high-speed palletizing for a wide variety of industries and process sizes. Reduce labour, downtime and health and safety risks by eliminating manual handling of bagged product. With outputs of up to 2,000 bags per hour, this accurate and user friendly palletizer is a world leader in its field.



2000 BAGS PER HOUR **5-60 KG BAGS**

ILERPAL H OVERLAPPING BAGS HIGH LEVEL PALLETIZER

This hybrid bag palletizer with a robotic type gripper is suited for palletizing bags in overlapping pattern. Maximizing stack efficiency with an output up to 1,000 bags/hour this unit is a popular choice with industrial processors. Available with a wide range of accessories including conveying, dispensing and guarding.



1000 BAGS PER HOUR **5-60 KG BAGS**

ILERPAL W OVERLAPPING BAGS, HIGH SPEED HIGH LEVEL PALLETIZER

The Ilerpal W is a versatile palletizer specifically designed for products that are challenging to stack with precision. This unit features a palletizing rate of up to 1400 bags per hour and is suited to an overlapping bag stack pattern. The Ilerpal W is adaptable to different pallet sizes and can process bags from 5kg to 50kg.



1400 BAGS PER HOUR **5-50 KG BAGS**

PALLET WRAPPING

SEMI AUTO

ECO TURNTABLE WRAPPER

Simple and reliable. Semi-automatic turntable for straightforward low-to-medium duty pallet wrapping. Eco has been designed by combining the best packaging technologies with innovative Italian engineering. A good option for light duty applications.



AXIS TURNTABLE WRAPPER

The Axis wrapper is about reliability and productivity. It's been designed with a focus on ease of use thanks to new user-friendly multi-functional control panels. Featuring pre-stretch carriages, remote monitoring, and customised wrapping programs this is a wrapper for high duty applications.



TORQUE ROTARY ARM WRAPPER

The Torque is the semi-automatic rotating arm stretch film wrapper. Your pallet stays static on the ground whilst the arm rotates around it and wraps it secure. This means your load doesn't shift during the wrap cycle and you can wrap at higher speeds. As there is no turntable, there's no weight restrictions.



SELF PROPELLED ROBOT WRAPPER

These units are a popular solution for wrapping large and variable sized loads. They are also used extensively where pallets of product cannot be easily/economically conveyed to a central wrapping location. This is a serious consideration for companies wanting to optimize their floor space. The wrapping cycle can be optimized with pre-stretch capability for maximizing film yield.



FULL AUTO

TECHNOPLAT 3000 TURNTABLE WRAPPER

Technoplat 3000 is a high-performance, fully automated wrapping system. Built by Robopac Italy for high usage applications across a range of operating environments. Intelligent CUBE wrapping software provides highly customizable wrapping cycles for high integrity load containment across every type of pallet load.



ROTOTECH 3000 ROTARY ARM WRAPPER

The compact Rototech wrapper is the ideal solution for fully automatic wrapping pallets with light, unstable or irregular loads. The load remains static while the wrapping arm rotates around it. Robopac's CUBE wrapping software enables high containment performance for every pallet.



GENESIS RING WRAPPER

When you need ultimate load containment at high speed. Wrap up to 160 pallets per hour with Robopac's Genesis range. Multi-variable pre-stretch and containment force allows for customized film application per pallet. Low maintenance and built for industrial applications.



HELIX ROTARY ARM WRAPPER

HELIX is the latest rotary arm fully automatic stretch wrapper range by Robopac. Thanks to its special patented pre-stretch carriage with either one or two reels, it makes possible the impossible: a wrapping cycle extremely resistant to tearing, superior to any traditional systems, helping to reduce downtimes due to film breaks. Wrap up to 150 pallets per hour.



PW PAPER WRAPPER

A breakthrough for the wrapping industry. The PW series applies engineered paper to your pallets for the ultimate in low carbon emission pallet wrapping. Utilizing CUBE wrapping technology this wrapper will optimize each pallet wrap for maximum load containment.

Full auto Paper wrapping allows for fewer reel changes, with 400-600 pallets per reel change compared to 40-80 pallets for plastic.



HORIZONTAL ROTATING RING

These machines are an excellent option for protecting long and flexible items. Secure your product to a pallet or bundle together with this versatile horizontal wrapper. Intelligent controls provide the ability to add extra containment strength to different areas across the load or only apply film at specific points.

Wide range of models available for different sized loads and throughput requirements.



TOP, LAYER AND SLIP SHEET DISPENSERS

Dispensers for ensuring pallet load stability, weather protection and ease of transport.

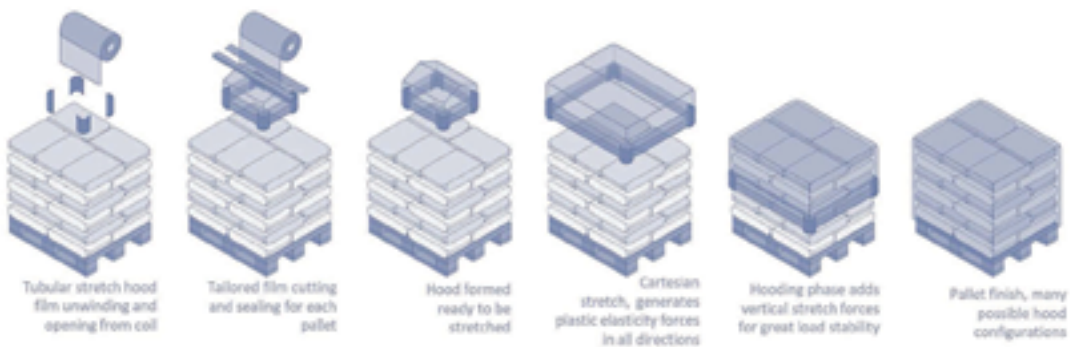


PALLET HOODING SYSTEMS

The best way to secure your product as it makes its way to market. Australasia's fastest growing method of load containment.

- **COMPLETE WATER/SUN/DUST PROTECTION:**
Ideal for pallets of product that are going to be exposed to weather and dirty industrial environments. Enclose 5 or 6 sides of pallet for complete protection
- **SUPERIOR LOAD STABILITY AND SAFETY:**
Elastic hood film technology holds your product onto the pallet much tighter than wrap and keeps it that way. Evenly distributed vertical and horizontal elastic force locks your product down without damage
- **NEAT AND PROFESSIONAL:**
A hooded pallet is far better looking than wrap. Wrinkle-free single thickness film provides great aesthetics for retail display and as your product makes its way to market. No loose wrap ends.
- **HIGH CAPACITY:**
Hood up to 280 pallets per hour.
- **FLEXIBLE:**
Package different size and shaped pallet loads with ease.
- **CONTROL:**
Precise film consumption per pallet means its easy to budget and eliminates risk of overwrap waste.

HOW IT WORKS



FB1000

- Capacity up to 80 pallets per hour
- Max pallet size 2600 x 1400mm



FB2000

- Capacity up to 280+ pallets per hour
- Max pallet size 3600 x 1800mm



FB3000

- Capacity up to 80 pallets per hour
- Max pallet size 2600 x 1400mm
- All operator interaction at floor level



FB4000

- Capacity up to 280+ pallets per hour
- Max pallet size: On request
- All operator interaction at floor level



Stretch hood is a sustainable packaging technology:

- **REDUCED PLASTIC PACKAGING CONSUMPTION:**
Just one single film layer to stabilize and protect the load
- Tailored hood length on each load for controlled film use
- Downgauged film thickness through advanced plastic formulars
- Carbon neutral – does not use any heat source or release any gas emission
- High percentage of recycled polymer content blend film available
- 100% recyclable film



ACCESSORIES

CONVEYORS

Aurora specializes in a range of conveyors for package closing and transfer applications. Our versatile conveyors can be provided as a stand-alone unit or integrated into your process line and are suitable for conveying a large range of bags, boxes and containers in a variety of process environments and duties.



PALLET DISPENSER

Aurora pallet dispensers are an integral component in many processes for automatically dispensing pallets to suit either palletizing or depalletizing operations. PLC controlled on-call system for smooth pallet presentation and management. Large range of magazine capacity options and delivery configurations.



PALLET SHEET DISPENSERS

Cuts and presents pallet & layer sheets from a roll. Saves floor space and boosts autonomy whilst reducing cost per pallet. Eliminate typical sheet application pick up issues. Excellent for different pallet lengths and high throughput or high hygiene environments. Use in conjunction with our pallet sheet roll consumable.



BAG FLATTENER

The Bag Flattener levels package contents over the full length of the bag prior to palletizing and wrapping to ensure that the pallets are stacked level and in a professional manner.



BAG KICKER

The Bag Kicker showcases great design allowing optimum kicking efficiencies in a compact footprint. Using a pneumatic ram, the bag gets kicked onto another conveyor or platform for further handling. The kicker has been designed with safety in mind ensuring no pinch points or bag damage providing a gentle and safer operation.



BAG TURNER

The Bag Turner provides you with added flexibility in bag handling and alignment. A simple but effective machine allows the bag to be positioned in the desired orientation for further processing.



METAL DETECTION & X-RAY

Critical quality control systems for existing or new process lines. Compact conveyor or gravity fed metal detection for eliminating foreign matter. Featuring a wide frequency spectrum for maximum detection performance and reliability. User-friendly with intuitive operation. A large number of variants and dimensions are available for individual requirements and applications.



CHECK WEIGHING

Simple, precise, and intelligent check weighing for a wide variety of package sizes, weights, and speeds. Simple and intuitive to operate. Available combined with metal detection. Several reject options available.



LABELLING AND PRINTING

Intelligent systems for integrating, controlling, and reporting process and equipment data. Clear visuals and intuitive operation allow operators to monitor, troubleshoot and optimise the process from in-house systems or remotely. Programme flexibility and tailored systems available for specific requirements.



SCADA AND OEE SYSTEMS

Intelligent systems for integrating, controlling, and reporting process and equipment data. Clear visuals and intuitive operation allow operators to monitor, troubleshoot and optimise the process from in-house systems or remotely. Programme flexibility and tailored systems available for specific requirements.



PACKAGING CONSUMABLES



PACKAGING CONSUMABLES

PALLET HOOD FILM

Our range of technical hood film products provide advanced pallet protection, load containment and brand presentation. Aurora's technicians will formulate a hood film specification to suit your exact requirements.

- Large range of film gauges calculated to suit your product load perfectly
- High elasticity and clamping force
- High UV protection options
- High puncture resistance
- Excellent print quality (up to 8 colours)
- Coloured hood films
- 100% Recyclable
- Available with high % of premium recycled polymer blends

We have a range of warehousing and finance options available to assist our clients with their critical packaging logistics and supply.



PALLET WRAP FILM

We hold a wide range of high-performance machine pallet films for increasing your load containment performance and while reducing your cost per pallet.

- Nano-layer films
- Wide range of grades to suit your pallet containment requirements.
- High puncture resistance
- High stretch performance for up to 400% pre-stretch applications
- UV treatments
- 100% recyclable
- Colored films available
- Logistics and stocking solutions

Ask about our on-site wrap usage testing, analysis and optimization service.



PAPER PALLET WRAP

A revolutionary development in load containment consumables. High performance wrap that keeps your product and the environment safe and secure. Improve your carbon footprint with a switch to paper pallet wrap.

Up to 40% better pallet stability compared to plastic during transportation and handling on some products. A folded layer at the bottom of the pallet to provide 3-4 times more holding forces compared to plastic. Print logos, barcodes, QR codes directly on the surface. Study shows that using their paper instead of plastic film can save up to 62% of the carbon footprint..



VALVE PAPER

Specialist valves for valve bag manufacturing. Improve sealing and reduce product contamination. Range of specifications available including custom valves.



PULL TAPES

For easy-open packages. Available in a range of colours and specifications.



SEWING THREAD, FILLER CORDS

Our premium 100% polyester bag closing thread will ensure a secure and safe closure for a wide range of bags and sacks. With a silicon treatment Aurora's industrial sewing thread runs smoothly with minimal lint build up and has an excellent yield and breaking strain rating. Large range of cone sizes and colours available.



PALLETIZING ADHESIVES

Reduce or eliminate plastic-based stretch films with innovative palletizing adhesives. Increase load stability and reduce requirements for slip sheets. Aurora provides a range of technical adhesives specifically developed for flexible and rigid product palletizing. We also offer applicator systems and integration into existing palletizing lines.



CLOSING TAPES

High seal integrity tapes for bag top closing. Crepe, WPP and more.



ANTI-SLIP PALLET LAYER SHEETS

Boost pallet stability and load containment with our range of specialist anti-slip papers. Providing an excellent moisture barrier this paper reduces your pallet wrap cost per pallet and eliminates collapsed pallets. Available on a roll for space saving and extended autonomy. Use with the Palcut pallet sheet dispenser.



SEWING NEEDLES

Replacement bag closing needles for all makes of bag closer including industrial and portable units. Aurora's industrial grade needles are available in a number of sizes and coatings to suit your packaging and product.



OILS AND LUBRICANTS

Specialist process oils and lubricants to ensure a smooth process.



PROPRIETARY PARTS

We stock parts for a wide range of packaging equipment.



GOT COMPETING PRIORITIES FOR CAPITAL?

Upgrade your packaging equipment without having to raise capital! Talk to Aurora about funding your project as OPEX with simple lease, rental and PayPerPak plans.

AURORA ▼ FINANCE

PERSONALISE YOUR PROCESS

Great for team building and assisting in new equipment take-up and staff ownership. Make a statement – impress your clients. Great for social media.

Wrap your equipment with your favourite sports team, company logo, animal patterns, Superhero. Give them a name and personality.



YOUR FAVOURITE SPORTS TEAM



YOUR LOGO

GIVE THEM A NAME



CONTACT US TODAY

NZ 0800 55 77 33
AU 1800 318 019

SALES@AURORA-PROCESS.COM

NEW ZEALAND

PO Box 9573
Hamilton 3240

AUSTRALIA — VIC, SA, NSW, QLD, TAS





We've got city and rural areas covered
New Zealand and Australia wide.



aurora-process.com