



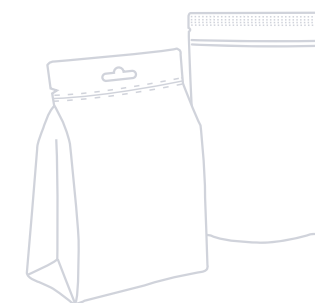
ADM

PACKAGING
AUTOMATION



www.admpa.com.au





ADM Packaging Automation started in 1995 to support the growing demands of the flexible packaging industry by specialising in custom designed, supply and service of packaging machinery. Based in Melbourne, Australia, we started manufacturing forming tools for Vertical Form Fill and Seal packaging machines, and as the demand grew in the packaging industry, so did we.

Our packaging machinery can pack premade pouches and on a Vertical Fill Form and Seal machine. We provide Modified Atmosphere Packaging (MAP) systems to our machinery, using Nitrogen and Carbon Dioxide as well as vacuum systems. We aim to provide increased shelf life to your product by reducing the residual oxygen in your packaged product. Whether you are supplying an end product for supermarket shelves or packing for a client, using ADM equipment will keep your residual oxygen levels within your tolerance levels.

ADM design and manufacture machinery that is rated for sanitary and washdown environments. Maintaining a clean and hygienic processing line is essential for food packing businesses. ADM can offer fully washdown conveyors with built in CIP (Clean in Place) systems so the conveyors wash themselves! We also offer high IP rated systems such as IP66 or IP69K.

Any serious packaging business understands the importance of minimising wastage. At ADM we believe in properly controlling the flow and movement of product through a packaging line. We achieve this by the use of accurate weighing systems, highly tuned powder dosing and anti-caking agent addition. ADM VFFS equipment can be offered with zip applicators for resealable freshness.



Using an inspection system such as a metal detector and check weigher means that you can be reassured that your packaging line is operating efficiently and risk free. Combined with line control, which is the ability to control your whole packaging line from a single touch screen, one operator can get your packaging line running within moments.



We also provide after sales service and maintenance to ensure long-term success with minimal downtime to your production line.

Talk to us today to see how our innovative packaging machinery and automated lines can improve efficiency, increase productivity and deliver a reliable and cost effective solution to grow your business.



Feature Items



Introducing the Industrial Power Sieve

The Industrial Power Sieve is a vibratory hopper system that is used to break up and screen product. At ADM Packaging Automation we developed the Industrial Power Sieve to break up clumped sultanas and raisins thus improving the packaging process and product display quality.

A stainless steel construction, the Industrial Power Sieve uses Swiss vibration mount and vibromotors

to transfer up to 2 tonnes of vibration force to the product. The Industrial Power Sieve also includes a fully automated feeding system to work in with the packaging machinery line.

Features include an interchangeable mesh for different product and high/low sensors for fast and slow feeding speeds.



Introducing the Scoop Flight Conveyor

In 2016 ADM Packaging Automation was approached by a customer who requested a complete set of packaging lines to pack a variety of products including sultanas, coconut, nuts and dried mango. We developed and designed a conveyor using a corrugated sidewall belt to protect the product from damage and also to suit the wide range of products the customer needed to pack.

Constructed from stainless steel and with an integrated wash-down system to clean both sides of the belt, this machine also comes with an easy belt release mechanism for inspection and interlocks for operator safety.

The innovative corrugated sidewall conveyor, including the CIP (Clean In Place) wash-down system have proven a valuable asset to our customer, maximising their product range and minimising the wastage and clean up times thus improving efficiency and productivity on their line.



Vibratory Feeder

- Suitable for free flowing product
- Adjustable feed rates for a smooth, continuous operation
- Durable stainless steel construction for food safety
- Easy to clean
- Free standing or mountable to existing conveyors and other feed systems



Bucket Elevator

- Polypropylene buckets for hygienic and sanitary use in the food industry
- Stainless steel construction for durability and sanitation
- Feeder options available
- Operating control panel
- Custom made length and height to suit any application



Conveyor Feeder

- Australian made
- Suitable for free and non free flowing product
- Stainless steel construction for durability and food safety
- High friction food grade belt FDA approved
- Custom made sizes
- Easy to clean



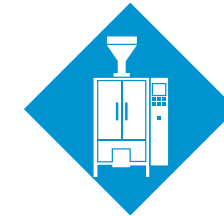
Auger Screw Conveyor

- Suitable for fine, coarse, dense or fluid based products
- Custom made lengths and feed rates
- Positive feed drive for products conveyed
- Stainless steel barrel driven via an electric motor
- Stainless steel construction for durability and food safety
- Easy to clean



Tumble Drum

- Declumps and evenly mixes free flowing food
- Smooth rotation and gentle handling
- Custom built and mobile to suit your existing application
- Variable speed drive option
- Durable stainless steel construction for food safety
- Safety interlocks
- Designed to AS4024
- Easy access for cleaning



Scoop Flight Conveyor

- Stainless steel construction
- Australian made
- Scoop flights
- Integrated wash-down system to clean both sides of the belt
- Automated start/stop integrated into packing machines
- Easy belt release for inspection
- Interlocks installed for safety
- Corrugated sidewall conveyor belt (Optional)
- Counting system (Optional)



The corrugated side walls protect the product

Optional Timing Hopper Count System



Self Clean Option 'CIP' with evenly distributed high pressure cleaning nozzles



Industrial Power Sieve

- Durable stainless steel construction
- Interchangeable mesh for different product
- High/low sensors for fast and slow feed
- Stress relieved
- Up to 5G acceleration to break up product
- Australian made



Interchangeable mesh for use with different product



Breaks up clumped sultanas and raisins for improved product presentation





2 Head **Linear Weigher**

- Ideal for free flowing, lightweight product like sugar, salt, seed, rice, milk powder, coffee and seasoning powders
- Adopt high precision digital load cell
- Saves different product recipes
- Stainless steel construction
- Colour touch screen
- Program can be freely adjusted according to production condition



4 Head **Linear Weigher**

- Ideal for free flowing, lightweight product like sugar, salt, seed, rice, milk powder, coffee and seasoning powders
- Adopt high precision digital load cell
- Saves different product recipes
- Stainless steel construction
- Colour touch screen
- Program can be freely adjusted according to production condition



Stick **Weigher**

- Application designs include stick type products
- Ideal for products like beef jerky sticks, pet food sticks, confectionery and non-food items like pencils and pens



14 Head Bench **Weigher**

- Ideal for manual packing of difficult to handle products such as meat, poultry and fish and other odd shaped foods not adaptable to high speed weighers



10 & 14 Multihead **Combination Weigher**

- Free flow powder, granule and seed, dry and processed food, pet food and non food items
- Digital sensors enhance the speed, precision and anti-jamming capability
- Easy assembly and cleaning
- Compatibility with packaging machines
- Stagger dump
- User-friendly interface
- Combining high speed and high accuracy
- We can advise the best options to suit your next application



Options available for difficult products such as raisins, goji berries, ginger, licorice and jelly beans

Options available

- Dimpled or smooth pans/buckets
- Teflon coating
- Angled pans
- High angle drop chute (60°)
- Timing hopper
- Printer output

Auger **Filler**

- Measure and fill accurate weights for free or non free flow product
- Adaptable to your existing production line
- Wash clean hoppers without tools
- Stainless steel construction
- Ideal for milk powder, rice powder, coffee powder, solid drink, white sugar, dextrose, food additive, fodder, pharmaceuticals and agriculture pesticide
- Servo motor drive screw
- Replace auger parts to suit products from fine powder to granule



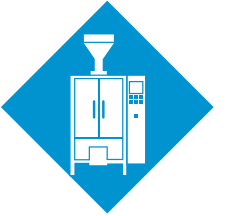
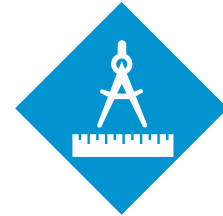
Non free flow operation



Optional free flow operation



Shown on a stand up pouch line



Premade Pouch Packaging Machine DP30

- Ideal for entry level use to high end applications
- Processes up to 25 bags per minute
- Suitable for multiple bag/pouch sizes/bag styles
- User friendly for semi skilled operator
- Automatic program setup and fast changeover
- Stainless steel construction
- Low maintenance
- Automatic bag in feed drive
- Australian made



*Coffee gusseted pouch
bags - 1kg, 500g & 250g
All premade pouches*



Inline Premade Pouch Packaging Machine

- Stainless steel construction
- Full safety guarding
- Packs up to 50 bags per minute
- Bag shaker/settler
- Zip opening device
- Optional gas flush



Premade Pouch Packaging Machine XD20

- Suitable for large premade bags and odd size pouches (up to 10 litres)
- Stainless steel construction
- Automatic bag infeed drive
- Guarding and interlocks to AS4024 standards
- Bag support and shaker
- Australian made



Horizontal FFS

- Suitable for powders, granular, combination fill/mix and liquids
- Make and pack flat and stand-up pouches with or without a zip lock
- Stainless steel construction
- Optional inline plastic moulded screw tops can be inserted and welded to each liquid pack for product reuse



Rotary Pouch Packaging Machine

- Ideal for powders and fine granulated product
- Suitable for all heat sealed pre-formed bags and stand-up pouches
- 'No bag, no fill, no seal' alarm
- Easy to operate



ADM-X SERIES VFFS

- Stainless steel construction
- Servo motor controlled film pull belts and jaw seal actuation
- Quick change former assembly
- Automatic program setup
- Instant program changeover
- Optional product clamp and settler
- Full safety guarding



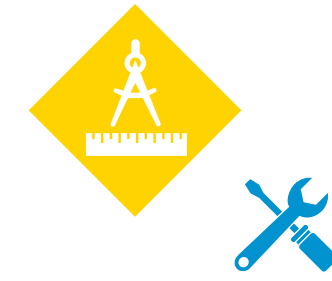
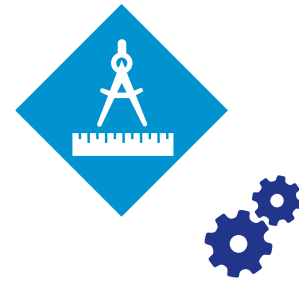
ADM-W400 VFFS

- Ideal for dry foods, salads, dairy, meat & poultry
- Stainless steel construction
- AB touch screen operator interface
- Ethernet/IP central control system
- High end seal force 6000N
- SMC pneumatics advanced integration
- Vacuum belt drive
- Guarding and interlocks to AS4024 standards



*With washdown
options*

All our equipment complies to AS 4024 Standards where required



Rotary Tables

- Ideal for flexible bags and bottling applications
- Suits VFFS and HFFS packaging machines
- Optional castor wheels for easy mobility
- Variable speed
- Safety slip device for operator safety
- Adjustable guide rails
- Wash down for use in wet environments
- Standard or custom made
- Stainless steel or powder coated frame



Conveyors

- To suit VFFS and HFFS packaging machines
- Fixed and variable speeds
- Wash down for use in wet environments
- Adjustable height to match existing packaging equipment
- Standard or custom made
- Low base heights
- Castor wheels for easy mobility



ADM Case Erector

- Simultaneous forming, folding & sealing process for same size cartons
- Cartons can be added at any time without stopping the machine
- Manual adjustment of carton sizes (< 5 minutes)
- Photoelectric sensors
- Heavy duty construction
- Full safety guarding and interlocks



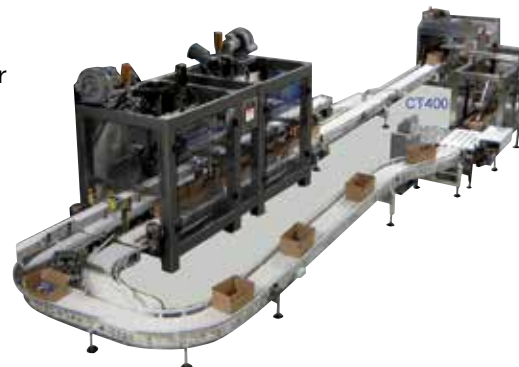
ADM Case Sealer

- Suitable for all types of carton sealing
- Manual carton size adjustment (< 5 mins)
- Available in steel and stainless steel options
- Heavy duty construction
- Side belts driven; top and bottom sealing
- Semi automatic
- Standard or custom made



Automatic Case Packer

- Robotic pick and place case packers
 - Top load with integrated case erector
 - Vertical robotic case packer
 - Lay flat bags
 - Semi rigid
 - Rigid
 - Top load with racetrack
 - Lay flat and vertical
- Gravity drop case packers
 - Gravity drop case packer
 - With built-in case erector



Combination Metal Detector Check Weigher

- Combined metal detector and check weigher reduces 'footprint' and capital cost
- Separately removes product mixed with metal and unqualified weight
- Adopts advanced dynamic weighing and digital processing system with high detection sensitivity
- User friendly operating system
- Memory function stores defective product information
- Stainless steel construction
- Adjustable sensitivity



Metal Detector

- Stainless steel construction
- Detects all ferrous and non ferrous metals
- Strong construction to combat vibration and deflection
- Adjustable conveying angle 0 - 40°
- Teach in function for products
- Ability to store up to 99 settings
- Optional reject chute assembly
- Dual gate detection system
- Adjustable product effect
- Fixed or variable speeds
- Adjustable sensitivity
- Digital display



ADM Packaging Automation offers calibration certificates and servicing with our check weighing machinery.

Check Weigher

- Advanced digital signal processing and high-speed stable weighing
- Stable frame structure ensures accuracy
- 3 separate transfer belts to deliver accuracy
- Strong data statistics memory
- Reject arm for over and under weights
- Stainless steel construction
- User-friendly operating system



Vertical Fall Detector

- Detects all ferrous and non ferrous metals
- Dual gate detection system
- Supplied with output function relay
- Strong construction to combat vibration and deflection
- Optional reject chute assembly



X-ray Machine

- Full range of contaminant inspection including metal, non metals, glass, ceramic, stones, bone, hard rubber and plastic
- Stainless steel construction
- X-ray leakage meets FDA and CE standards
- Performance not affected by change in temperature or humidity
- Ideal for inspection of metallic packaged products
- Multi channel rejector system





Labeller

- LCD touch screen
- Label size inputs
- Preprinted labels
- Stainless steel and aluminium construction
- Re-sealable tab inserts
- Ideal for nutritional information or promotions
- For use with VFFS or HFFS



Sachet Feeder

- Ideal for inserting 2D or 3D products, coupons, booklets, recipes, wrapped and non-wrapped inserts and toys
- Stand-alone or can be interfaced with existing packaging equipment



Feeder Dispenser

- Separates and singulates a wide range of materials that are usually difficult to feed
- Ideal to increase inserter productivity
- Lightweight, durable construction
- Compact size



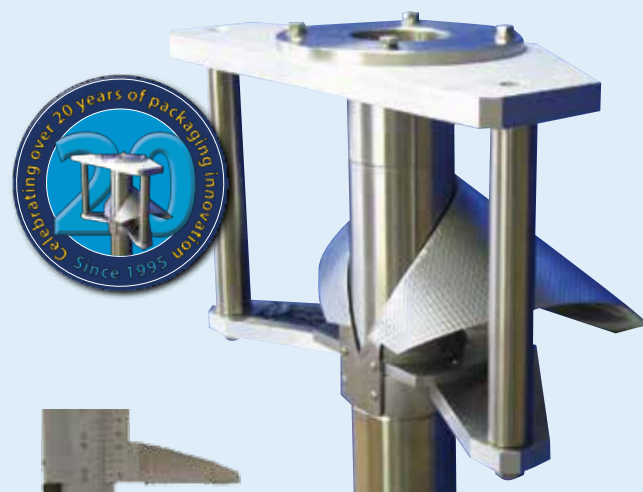
Pull Down Belts

- Large range to suit most VFFS bag makers
- Custom made for non-standard applications
- Moulded covers and 'endless' finish
- Range of materials and styles available



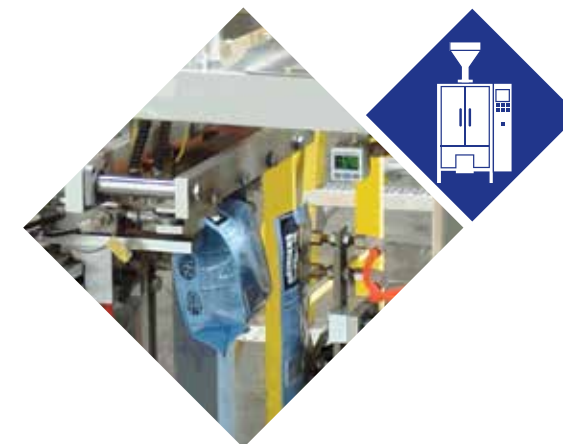
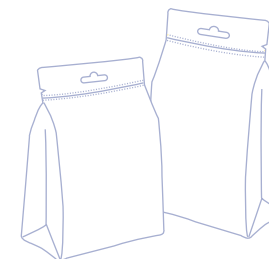
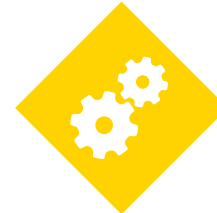
Formers

ADM Packaging Automation have successfully manufactured bag forming tools in Australia for over 20 years and offer a range of bag forming tools to choose from, including welded, formed and solid models. The flat bag width sizes range from the smaller 18mm to the larger 600mm plus flat bag width.



We manufacture different shape Formers to include: Round Formers, Square Formers, Oval Formers, Rectangle Formers, Semi-circle Zip-lock Formers, 4-sided Seal Formers, Block Bottom Formers and Gusseted Formers.

All tools are custom made to suit any bag making machine so whatever your application, we'll have a former to suit. Other associated products include: Block Bottom and Gusset Systems, Gas Flushing - Exposed or Hidden, Transition Tubes, Vacuum Inserts, Card Insertion, Low Friction In-feed Cones and Shakers.



ADM Packaging Automation have been supplying quality equipment and superior after sales support to the industry for over 20 years.

We welcome appointments to our Melbourne showroom and are also available for on-site visits. Our highly trained engineers will consult and advise on the best automated packaging machine to suit your application and can offer full system integration.

We deliver a full design service with in-house manufacturing and provide progress reports and updates on ongoing projects.

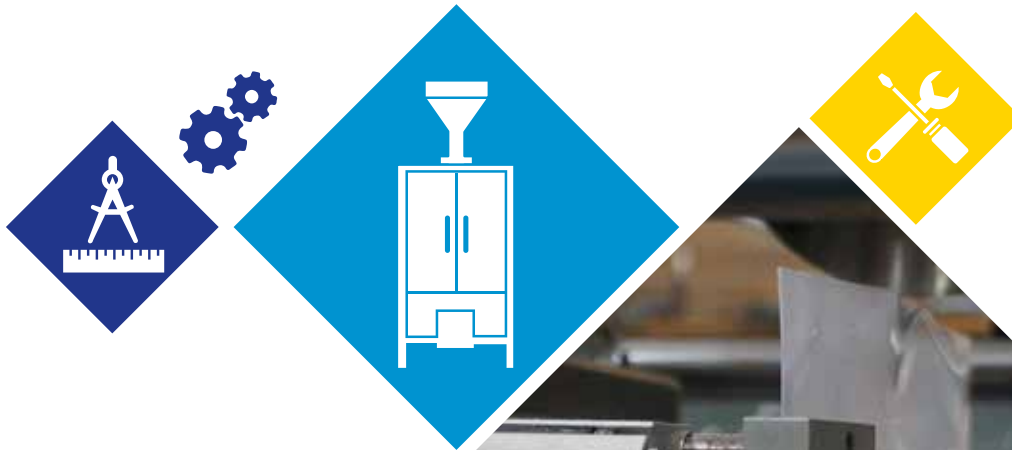
After installation we offer training on all equipment and our dedicated after sales service ensures an ongoing commitment to our customers. We also schedule after sales preventative maintenance to ensure your long-term success with minimal downtime to your production line.

We are proudly affiliated with the following companies:



We proudly use the following quality components:





INNOVATORS IN PACKAGING AUTOMATION SINCE 1995

ADM
PACKAGING
AUTOMATION

A proud member of



Australian Packaging and Processing
Machinery Association Limited

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