

PRODUCTCATALOGUE





Welcome to Packweigh

Thanks for taking the time to have a look at our product range.

Our range has come about as a result of years of engineering expertise, specific industry knowledge and a focus on great design.

Everything we offer here works — and works brilliantly. That's our guarantee.

When our company (first known as QStitch) started, it focussed more on bag stitching, but as the product range grew, and our customer base became more diverse, Packweigh was formed.

Our "Innovation" series of products are named that way for a reason - we combine leading edge design and engineering and aim to do more with less — to be innovative.

We realise our customers do not have unlimited machinery budgets, so our strength lies in tailoring affordable solutions that work. We use the latest 3D modelling systems to ensure our machinery works beautifully.

Our drawings also ensure that you know exactly what you are getting.

Packweigh manufactures in our Brisbane based factory, but we also import selected equipment from South- east Asia and Europe. Quite often the best solution is a combination of local and overseas manufactured machinery.

We also carry an extensive range of spare parts. After sales service and back-up are essential, and we take that seriously. With Packweigh, you have a partner for the long term.

Often the first step is to have a chat to us about your requirements. We ask a lot of questions. We focus strongly on improving your factory efficiency and bottom line.

Look forward to talking to you,

Rod Wilson
Sales Director





Our customers are our number one priority

Our promise to you

From supplying you with an initial quote, to installing your machine into your factory, we will be with you every step of the way. We build machines that last and are committed to giving you the support you need to get the most out of it.

A photograph of a manufacturing facility. In the background, a worker wearing a high-visibility orange and yellow vest and a dark shirt is seen from behind, working at a machine. The machine has a red emergency stop button. To the right, there are stacks of white bags and a cardboard box with a logo. A large blue graphic overlay covers the left and bottom portions of the image.

Our manufacturing facility

Packweigh operates out of new premises in Capalaba Brisbane which houses Sales, Design, Production management, servicing and manufacturing teams.

Space is available to assemble full bagging lines, so that customers can come onsite and see equipment running.



For free flowing products

Our Gravity Feed machines (Innofil GB40 & Innofil GN-02) are designed for free flowing products, such as seeds, grain, pellets, and prill.

Innofil GB40
Gross Weigher

Innofil GN-02
Net Weigher

FEATURES

- > All metal parts in contact with product are stainless steel (Full stainless construction optional)
- > Three position radial gate with independent adjustment on both main & dribble positions for high accuracy and speed.
- > Rinstrum panel mount batch controller
- > LCD display with LED back lighting > 24VDC controls
- > High quality load cells
- > Supports optical communication with PC
- > IP65 enclosure
- > Pneumatic bag clamps
- > Simple switch to engage clamps
- > Can be supplied with or without service platform including steps/ ladder & hand rail (if required)



For products that don't flow freely

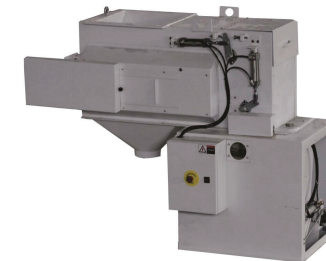
Our Belt Feed machines (Innofil B-03 & B-31) are for products that may be irregularly shaped and do not flow freely, such as meals, pebbles and minerals.

Innofil B-03
Gross Weigher

Innofil B-31
Net Weigher

FEATURES

- > Internal belt over deck product conveyor
- > Two speed, main feed & dribble feed
- > Rinstrum panel mount batch controller
- > LCD display with LED back lighting
- > 24VDC controls
- > Supports optical communication with PC
- > Product leveling gate for increased accuracy
- > Product catch gate
- > High quality single point load cells
- > Pneumatic dust tight bag clamps
- > Simple switch to engage clamps
- > Ladder and hand rails
- > Service Platform
- > Auto or manual bag release





Powder products

Our Auger Feed machines (Innofil A & A-02) are for powder based products, such as flour, lime and powdered minerals.

Innofil A Gross Weigher
Innofil A-03 Net Weigher

FEATURES

- > Stainless steel construction
- > Single or twin augers
- > Swing out bag clamp for easy cleaning
- > Rinstrum panel mount batch controller
- > LCD display with LED back lighting
- > 24VDC controls
- > Supports optical communication with PC
- > Pneumatic dust tight bag clamps
- > Simple switch to engage clamps



Granular products needing high accuracy weights

Our Vibratory Feed machines (Innofil VPG & VPN) are for granular products needing higher accurate weights, such as coffee, nuts and seeds.

Innofil VPN Net Scale for small bags and buckets
Innofil VPG Gross Scale for stand up pouches and buckets

FEATURES

- > Large vibratory product feed tray for main feed
- > Small vibratory product feed tray for dribble feed
- > 3 speeds for high speed & accuracy
- > Powder coated, laser cut mild steel frame
- > Motorised press button height adjustment for different length bags
- > Rinstrum panel mount batch controller
- > LCD display with LED back lighting
- > 24VDC controls
- > High quality load cell
- > Supports optical communication with PC
- > All on rebound rubber brake castors
- > 70 Litre product hopper



Complete bags and boxes needing weighing

The Innocheck machine is an inline check scale for bags or boxes.

Innocheck

FEATURES

- > Fixed height conveyor on load cells
- > Rinstrum R420 weigh controller
- > Front and back bag guides
- > Adjustable under & over tolerance settings
- > Light tower
- > Frequency of bag checks is adjustable
- > Operator input of batch code
- > Time, date, weight, batch code & total number of bags will be recorded (optional)
- > Information can be exported to a spread sheet via a USB stick (optional)



Bagging

Semi-automatic & fully automatic bagging machines for food products, stockfeed, chemicals, powders, minerals or garden products.

Open mouth bags

Innosac S

The Innosac S is an automatic bagging machine for open mouth bags including poly woven, P.E & paper bags.

In this machine the bags are automatically loaded from the bag magazine to the bag clamp, where the product is placed in the bag. The bag is then transferred from the bag clamp to the bag closing system. This machine will handle gusseted & non gusseted bags but the gussets will not be reformed.



Open mouth bags and dusty products

Ilersac L

The Ilersac L is an auto bagging machine for open mouth bags that will maintain gussets and very dusty products.

The Ilersac L has been designed as a modular machine for the handling of open mouth bags, both with or without side gussets. It can handle paper, PE or woven PP open mouth bags & maintain the form of the gussets. The ILERSAC L has been specifically conceived for the proper bagging of fine and dusty products, bearing in mind the most demanding performances required in terms of tightness, reliability, efficiency, cleanliness and security.

FEATURES

- > Total automation of the bagging process
- > Flexibility and quickness on format' changes
- > Output optimization at the bagging point
- > Absence of remains and possible product contamination
- > Maximum accessibility for cleaning and maintenance tasks
- > Dust-free working conditions



Automatic bag placer for SOS bags

Ilersac S

The Ilersac S is an automatic bagging machine for SOS bags, commonly used for bagging kitty litter or similar products.

It will handle bags with side gussets & handles. It has an oval bag clamp for a dust tight operation. It is suitable for pre made bags around 4 to 10 kg depending on bulk density.

FEATURES

- > Total Automation of the bagging process
- > High bagging rate
- > Side gussets are maintained
- > Dust free system
- > Bags can be stitched or heat sealed



High speed open mouth bags Ilersac W

The ILERSAC W is designed to handle bags at high speed with maximum reliability by avoiding lineal transitions at vacuum systems. All handling process is done through pincers that take the bag for all handling process providing maximum control.

Its versatile design allows working both with pillow and side gusseted bags.

Complete external frame with access doors makes it easier for all assembly jobs since all parts are attached to the frame allowing better mechanical and electrically integrated.



Vertical form, fill & seal Ilerbag V

The Ilerbag V machine is ideal for where long runs of the same bag are required.

The Ilerbag V is a vertical form fill & seal for large bags where the P.E. film is taken from the roll and formed into the bag shape then filled & sealed. This is ideal where long runs of the same bag are required.

FEATURES

- > Total automation of the bagging process
- > Reduction on the operating costs, accelerates return of investment
- > Flexibility and quickness on format' changes
- > Output optimization at the bagging point
- > Maximum reliability throughout all the form, fill and seal process
- > Simplicity of the system
- > Versatility allowing to handle a wide variety of different formats
- > Mechanical parts isolated from the product



Machines using tubular PE rolls Ilerbag H

The ILERBAG H uses the latest technology in automation. Its design ensures maximum reliability having the continuous control throughout packaging process of forming, filling and sealing. During these cycles the bag is constantly manipulated by clamps that prevent deformation of side gussets.

MAIN APPLICATIONS

- > Plastic pellets: HDPE, LLDPE, PP, PA, etc.
- > Granulated fertilizers Chemical products
- > Salt



Palletising

For fully automated bagging systems there are palletisers to suit your every requirement.

Robotic palletiser

Innopal R

The Innopal R machine is a robot palletiser that is very flexible regarding design.

It can pick up one bag & place it on a pallet, or multiple pick up points on to multiple pallets.



Automatic pallet wrapper

Illgir

The Illgir is a turntable wrapper designed for pallets or bags, which integrates into the bagging line.

It has an automatic sealer to fasten the end of the wrap. It can be supplied with an optional top cover applicator for a weather proof seal, and also a corrugated cardboard wrap for extra protection.



High level palletisers

Ilterpal C

The Ilterpal C is a high level palletiser that conveys bags up & slides them into position to form a layer.

The layer is pressed on all four sides and the pallet is then raised and the layer is placed on the pallet. The layer top is pressed to form a flat surface for the next layer.

This system is ideal for valve bags & capable of high speeds with a very high quality finished stack.



Ilterpal H - Hybrid palletiser

The Ilterpal H is a high level hybrid palletiser, which is a combination of a robot & high level palletiser. It lifts the bags vertically and a robot style gripper places the bags into a layer that allows overlap to form a layer.

The layer is pressed on all four sides and the pallet is then raised and the layer is placed on the pallet. The layer top is pressed to form a flat surface for the next layer.

This system is ideal for stitched bags and provides a very high quality finished stack.

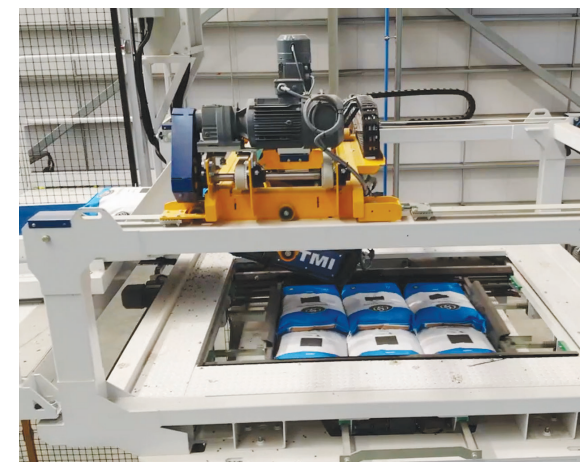


Ilterpal W

The Ilterpal W is a high level palletiser that conveys bags up & uses a belt to divert them into position to form a layer.

The layer is pressed on all four sides and the pallet is then raised and the layer is placed on the pallet. The layer top is pressed to form a flat surface to the next layer.

This system is ideal for stitched bags & capable of high speeds with a very high quality finished stack.



A wide range of sewing & sealing equipment to suit all kinds of products and every budget.

Automatic sewing station

Innosew A

The Innosew A is a bag sewing & infeed system with automatic start/stop & thread cutting.

FEATURES

- > Innosew A Automatic Sewing Station
- > SZ-3 Height adjustable pedestal
- > Variable Frequency drive on the sewing head motor for easy synchronisation to the conveyor
- > Variable Frequency drive on the infeed motor for easy synchronisation to the conveyor and sewing head
- > Programmable logic controller
- > HMI screen for easy adjustment of speeds & timers
- > 10 amp single phase supply
- > .75 kw 3 phase motor
- > Photo cells to start and stop the sewing head
- > Newlong DS-9C sewing head
- > Automatic thread cutter on the sewing head
- > Solenoid valve for cutter
- > QS- 4900 power bag infeed
- > All electrical systems made from high quality locally obtainable components

- > All cables for motors controlled by inverters have a braided stainless steel EMC sheath
- > Includes integration of all sewing system components to the safety system
- > 75mm rebound rubber castors on the pedestal
- > 3 kg thread stand



Manual sewing station

Innosew M

The Innosew M is a manual sewing station, where the operator feeds the bag into the sewing machine and presses the foot pedal to start the machine. The operator pushes the bag back to allow the knives to cut the thread.

FEATURES

- > SZ-3 Height adjustable pedestal
- > Variable Frequency drive on the sewing head motor for easy synchronisation to the conveyor
- > 10 amp single phase supply
- > .75 kw 3 phase motor
- > GK35-2C sewing head
- > Foot pedal start / stop
- > All cables for motors controlled by inverters have a braided stainless steel EMC sheath
- > 3 kg thread stand
- > All electrical systems made from high quality locally obtainable components
- > Designed & built in Australia to meet Australian standards



Handheld bag sewing machines

GK-26-1A

The GK-26-1A is a handheld Bag Sewing Machine

The GK-26-1A is a portable bag closing machine suitable for a large range of bags and pockets including:

- Woven Poly Propylene
- Plastic
- Paper
- Jute
- Hessian

FEATURES

- > Single thread chain stitch
- > High Speed (1500-1600 rpm)
- > Safe plastic handle for insulation
- > Oil pump lubrication
- > Steel cam
- > Low maintenance



Newlong NP-7A

The Newlong NP-7A is a handheld bag sewing machine.

The NEWLONG NP-7A is a high speed portable bag closer with a plastic handle and lubricator.

FEATURES

- > Single Thread Chain Stitch
- > High speed revolution (1500 – 1600 rpm)
- > Safety plastic handle for insulation
- > Oil pump lubrication system
- > Improved looper and simple mechanism
- > Steel cam – long life (no plastic cams)
- > Automatic thread cutting
- > Minimum maintenance
- > For kraft paper, cotton, hessian, jute, pp/pe woven cloth and other bag materials
- > Presser foot lifter, shoulder belt, and thread cone cover available at extra cost
- > Double thread chain stitch (optional)



Pulse sealers

Innoseal P-01

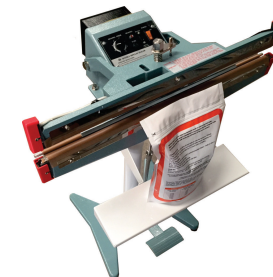
This is a pulse sealer, meaning the element is only energised while the seal jaws are closed. The operator pushes down on a pedal to close the jaws & engage the sealing. It is mounted on a pedestal, the standard seal is 600mm wide with a 10mm seal. Other sizes can be ordered.

Max seal length: 600mm

Seal width: 10mm

Heat timer: 0.3 to 2 seconds

Watts: 840



Innoseal P-350

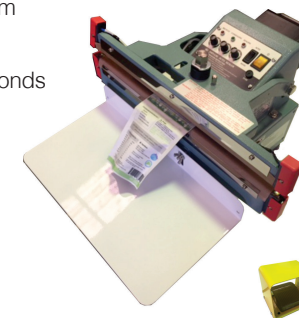
This is a pulse sealer, meaning the element is only energised while the seal jaws are closed. The operator simply press a switch to close the jaws & engage the sealing it will release automatically. This is a bench mount sealer, the standard seal is 450mm wide with a 10mm seal. Other sizes can be ordered.

Max seal length: 350mm

Seal width: 10mm

Heat timer: 0.3 to 2 seconds

Watts: 2500



Equipment for filling, weighing and discharging bulk bags, from basic setups to fully automated systems.

Bulk bag filling with auto bag release

Innobulk G

The Innobulk G is a bulk bag filling machine with an auto bag release.

The machine features retractable hooks, inflatable bag spout and automatic bag release. Suitable for bags up to 1200mm high.



Innobulk GS

This is a bulk bag filling machine made in 2 sections for taller bags.

A work platform and sliding hooks are also incorporated to allow the operator to load the bags from one side.

The bottom section of the unit can be changed if you want to accommodate even taller bags in the future.



Innobulk GX

This bulk bag filling option brings pallets in automatically. Supplied with or without a pallet dispenser.

Can be configured with an accumulation conveyor.

This unit can be supplied with a conveyor system if pallets are not required.



Tall bags or product settling

Innobulk GL

The Innobulk GL a bulk bag filling station with bag lifting.

It is designed to lower the bag hooks & bag clamp allowing for tall bags to be easily loaded. The operator presses a button & the system then raises allowing for the bag to hang freely so the product fills the bottom corners evenly.

Once the weighing is complete, a fork lift is used to place a pallet under the bag & raise the bag. The system is designed so when the weight is lifted, the hooks will release the bag.



Bulk bag unloading

Innobulk U

The Innobulk U is a bulk bag unloader, that comes with or without load cells and weigh controls if you need to remove a certain amount of product.





Packweigh Equipment designs and manufactures weighing and bagging equipment in Brisbane.

When you have an upcoming project, talk to the team at Packweigh.

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INNOVATIVE PACKAGING SOLUTIONS

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