Weighing and EID Systems

Weigh Scales & Data Recorders
Hand Held EID Tag Readers and Data Collectors
Sheep Handlers
Loadbars

Contents

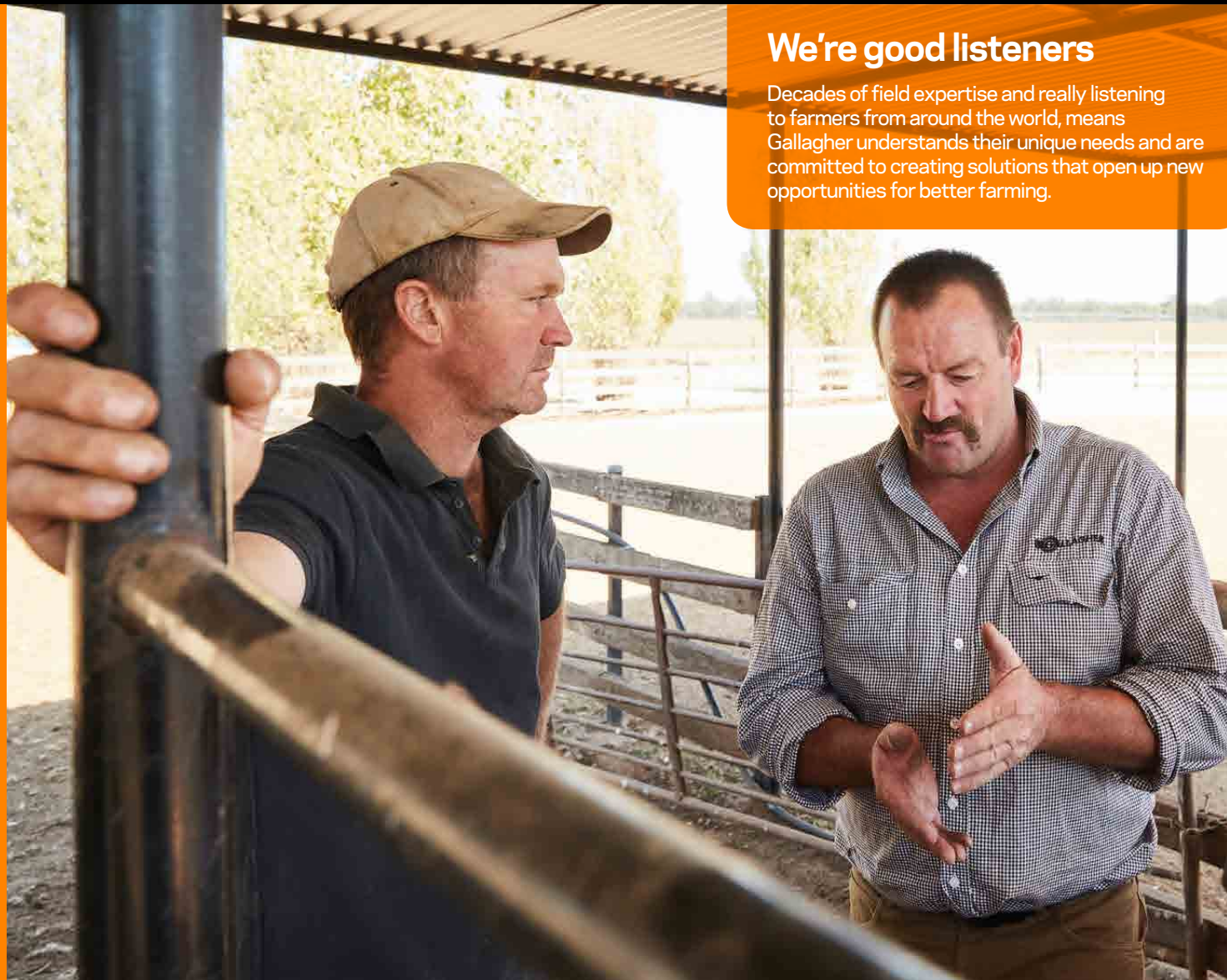## Systems

Products

We're good listeners

Decades of field expertise and really listening to farmers from around the world, means Gallagher understands their unique needs and are committed to creating solutions that open up new opportunities for better farming.

You can do it the hard way... or the Gallagher way

Brilliantly simple solutions that make farm life easier and more profitable – it's what Gallagher does best.
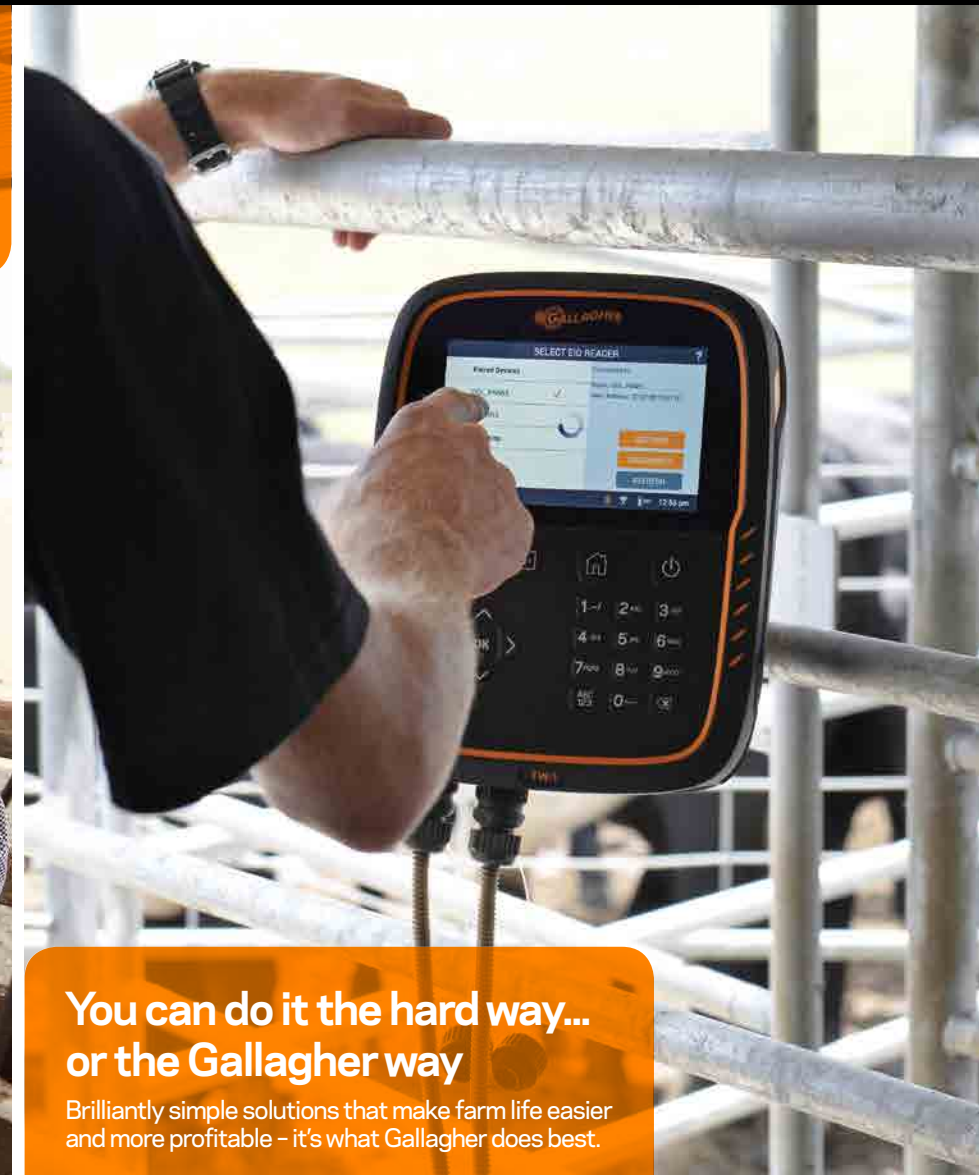
Farm fit guaranteed

All Gallagher products have to overcome the challenges of everyday farming before they even leave the factory. This TSi 2 is undergoing one, of a number of rigorous environmental stress tests, to check it can handle the toughest conditions.

Farming may be the 'good life' but it's certainly not easy..

Being a farmer himself, Bill Gallagher Snr understood the challenges of farm life and wanted to make it simpler. Inventing NZ's first electric fence in the 30's, did just that. Nearly 80 years on, we're in it for the long haul - still getting stuck in alongside farmers to make the hard job of farming easier.
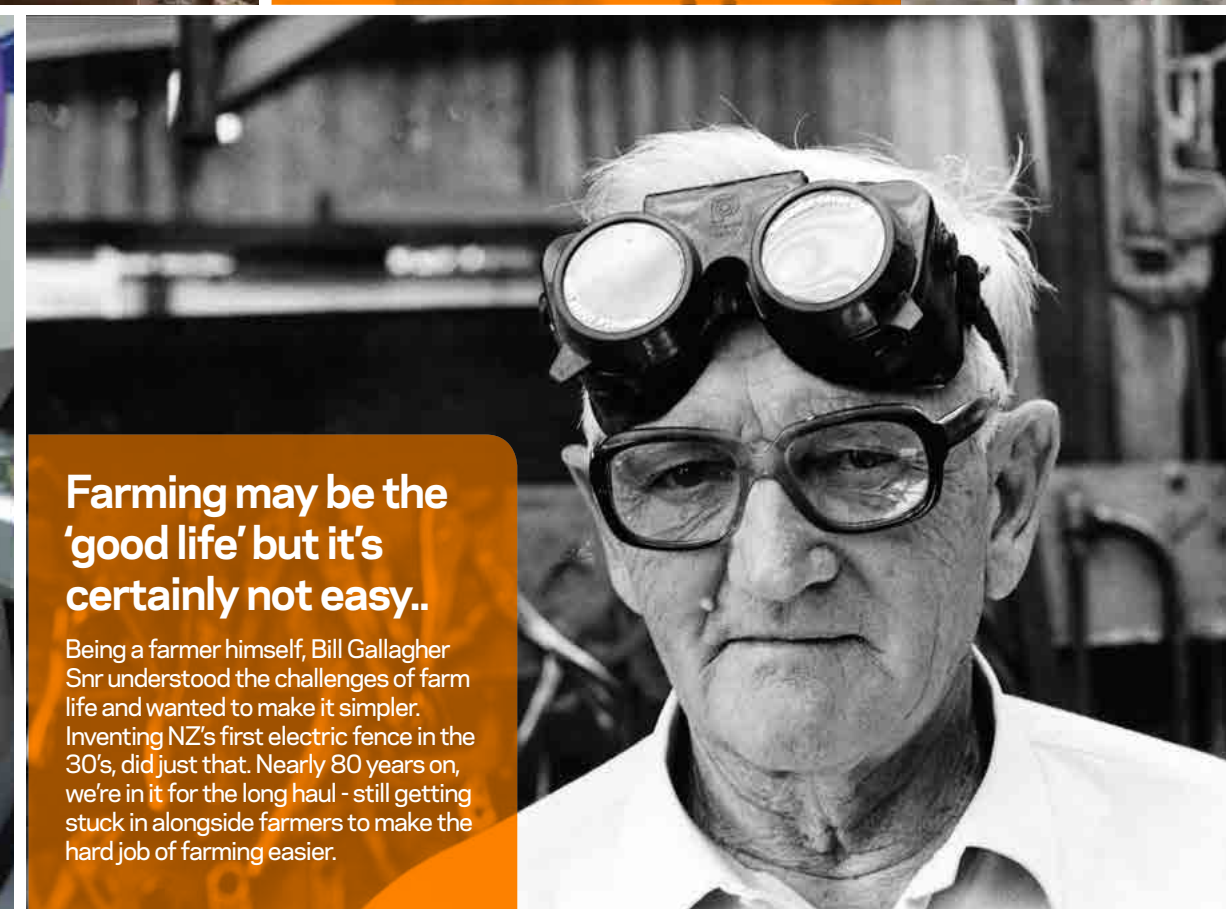
Weigh Only System

An easy to use, yet powerful system that accurately measures animal weight so that farmers can track performance.

EID Only System

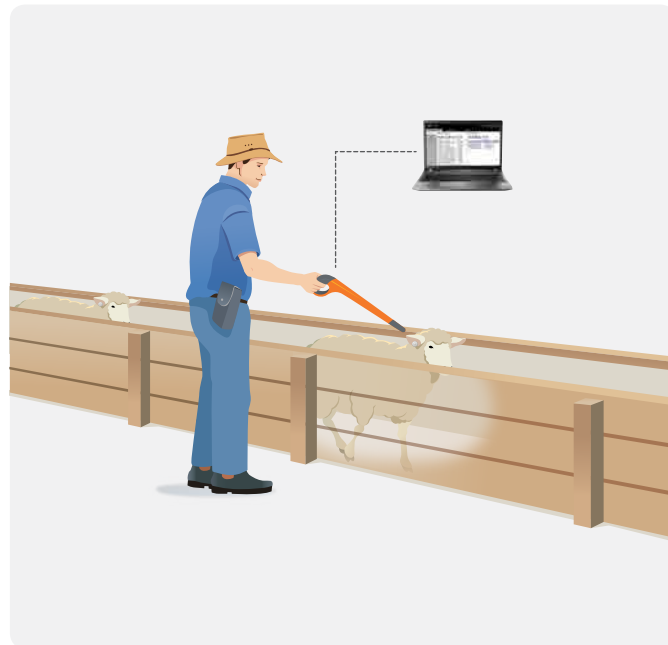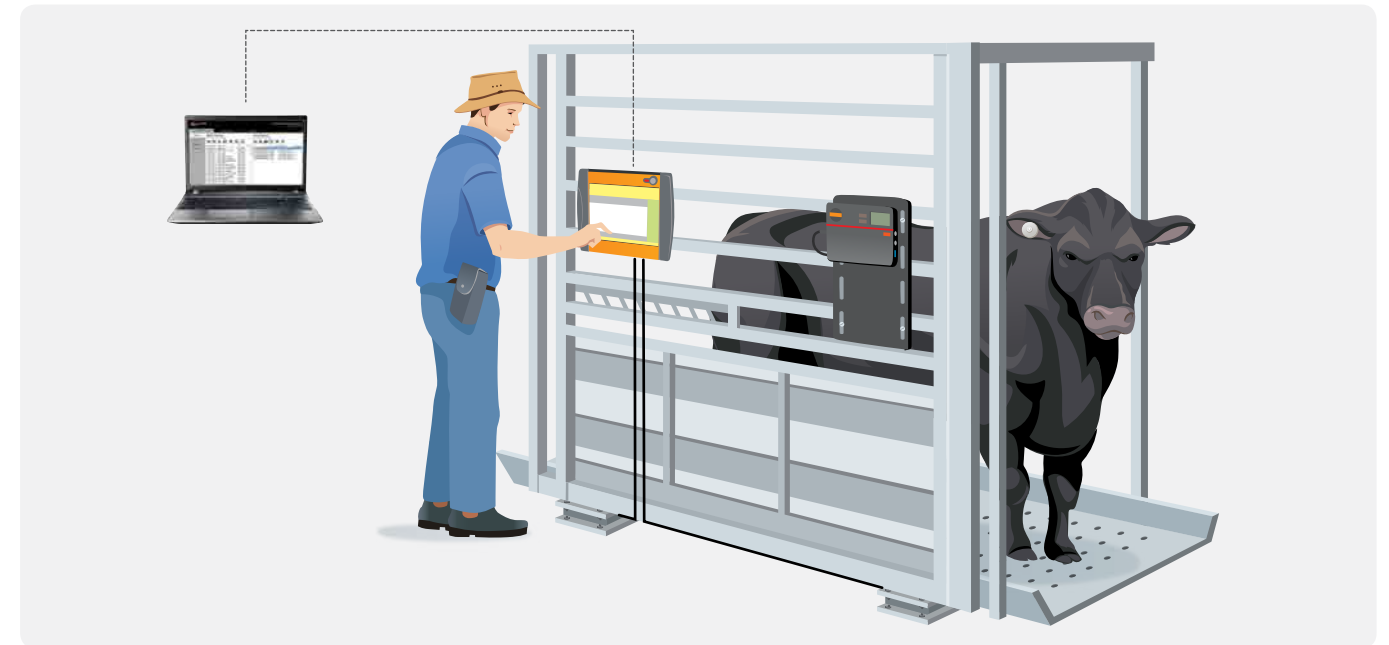The quick and easy way to comply with NLIS traceability legislation, and to collect animal data anywhere on farm.

Weighing and EID System

The best option for farmers looking to manage their business more profitably. An advanced system that works together to fully automate animal management and handling tasks saving time and money.

Why Weigh?

- Select animals by weight for sale and slaughter
- Meet processing key weights for premium prices
- Evaluate breeding performance for genetic selection
- Measure and record weaning weights
- Manage animal weights prior to mating for better reproduction rates
- Measure feed conversion to maximise yield by monitoring weight gain over time
- Monitor animal health.

TWR-5, TW-3, TW-1, W310 v2	**pg 10**
Loadbars and accessories	**pg 16**
Animal Performance Software	**pg 26**
Dashboard	**pg 27**

Why use EID?

- Quick, easy and accurate EID and/or animal data capture
- Read and transfer animal ID's for NLIS compliance
- Link lambs/calves to mothers
- Record visual ID numbers against EID's in the yard
- Add and edit data such as condition scores and animal notes
- Sort animals into groups based on EID number
- Validate stock reconciliation and stock on hand.

Hand Held EID Tag Reader	**pg 20**
Animal Performance Software	**pg 26**
Dashboard	**pg 27**

Why Weigh with EID?

Yard management

- Reduced time & effort - equipment reads fast and efficiently, automatically matching weight to animal ID number
- Improved accuracy - remove human error and prevent incomplete or inaccurate records
- Improved access to animal information - see full weight history for actual animal in the handler
- Immediate display of weight gain performance
- Automatic drafting by weight or EID

Stock value improvement

- Identify the poor performers - treat, allocate to different feeding group or quit early
- Accurate drenching levels - maximise treatment efficiency and minimise treatment costs
- Meet the market required weight range - accurate selection of animals based on weight to maximise profit.

Livestock Manager TSi 2	**pg 8**	Permanent EID Tag Reader	**pg 24**
Loadbars and accessories	**pg 16**	Animal Performance Software	**pg 26**
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With over 80 years of experience in the farming industry and a reputation for ground breaking innovations in animal management, Gallagher also lead the way in weighing and EID solutions - offering a full range of animal weighing, data collection and EID systems.

WHAT TO LOOK FOR

Weigh Scales

- Automatic and accurate weighing – even when weighing fast moving, lively animals
- Strong customer service support network
- Easy to use weigh scale with touch screen navigation
- Compatibility with EID tag readers, drafters and other devices
- Whether or not it comes with easy to use computer software to analyse collected data
- How well the unit is designed and protected to withstand farm use and transport
- Ability to expand or extend the weighing system as needs change or grow.

Loadbars

- Long life features like galvanised chassis
- A protected cable design to minimise yard damage
- Overall design features like non-movable parts that make them easy to maintain in the long run.

Platforms

- Ability to withstand heavy usage such as using quality alloy materials for strength
- Long life features such as corrosion resistant material and welded construction
- Animal friendly design benefits like rubber lining for quieter use
- Farmer friendly benefits such as ease of portability.

The TSi 2 weighs livestock and collects data for improved livestock management

TW-1 Weigh Scale and Sheep Auto Drafter.

Scanning sheep ear tags with a HR5.

TSi 2 — Page 8

Integrated touch screen weigh scale, computer and animal management system.

TWR-5 — Page 10

With integrated EID reader, this advanced, simple to operate, touch screen weigh scale revolutionises on farm weighing and EID. Simplifies EID reading and records life data and traits.

TW-3 — Page 11

Advanced EID compatible, simple to operate, touch screen weigh scale and data collector. Allows you to record and draft by life data and traits.

TW-1 — Page 12

Entry level EID compatible simple to operate, touch screen weigh scale. Allows you to draft by weight and record animal notes.

W310 V2 — Page 12

Entry level automatic weigh scale with basic drafting capability.

LOADBARS AND PLATFORMS — Page 14 & 15

A full range available for any weighing set up.

"With the HR5, there are no mistakes, it's so accurate. Your accuracy is tremendous. Moving to EID tags also means we can easily manage individual animal data. It gives us a way to very quickly identify the sheep that aren't producing and those that are."

Geoff Oliver
"Englewood Park", Inverleigh VIC.

TSi 2 G01901

FASTER PROCESSOR MORE MEMORY IMPROVED SCREEN

An animal weighing and data collection system for improved livestock management and performance. The TSi 2 provides immediate access to detailed animal information, anywhere, at any time – in the yard, the office or on the farm.

Intuitive software - Supplied with award-winning Animal Performance Software (APS Professional), for analysis and reporting to provide virtually any information you need. APS Professional valued at $999 (incl GST).

Rugged exterior - Tough farm ready design for all-weather use.

Rapid, accurate, automatic weight capture.

Customisable sessions - Easily customise weighing and data recording sessions to collect specific traits, activities, notes etc.

Touch screen - Full colour outdoor readable touch screen with large touch buttons.

Simple recording and retrieval Collection of comprehensive data and retrieval of information at the touch of a button, while in the yard.

Comprehensive drafting - Draft by weight, EID number or custom defined rules.

Exceptional connectivity - Bluetooth wireless connection and full integration with loadbars, EID readers, auto drafters and other management software.

Significant memory capacity - Entire life history of all animals stored for on-farm viewing - over one million animal records can be stored.

Easily transfer data - Wifi enabled to allow upload of data directly to web and share with third parties eg. NLIS.

Bluetooth Communication and Wifi

Internal Battery

Loudspeaker

Audio Out

USB Ports

Power

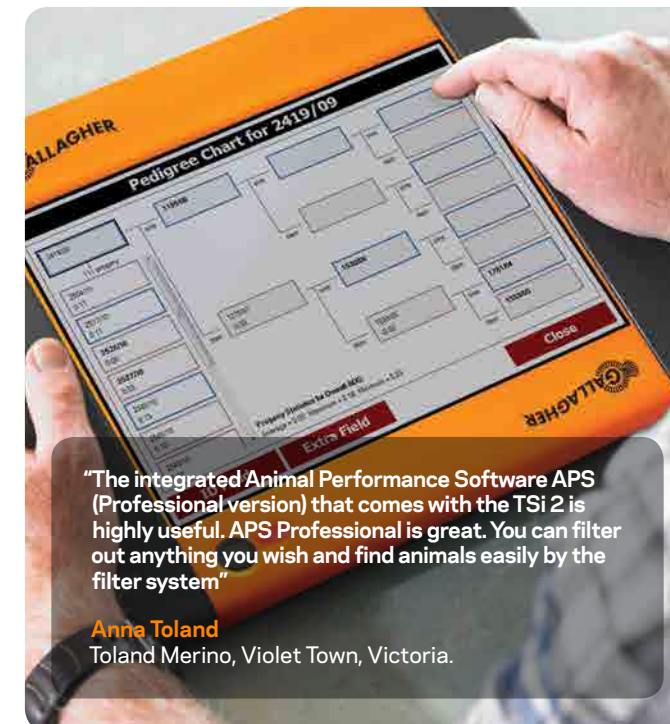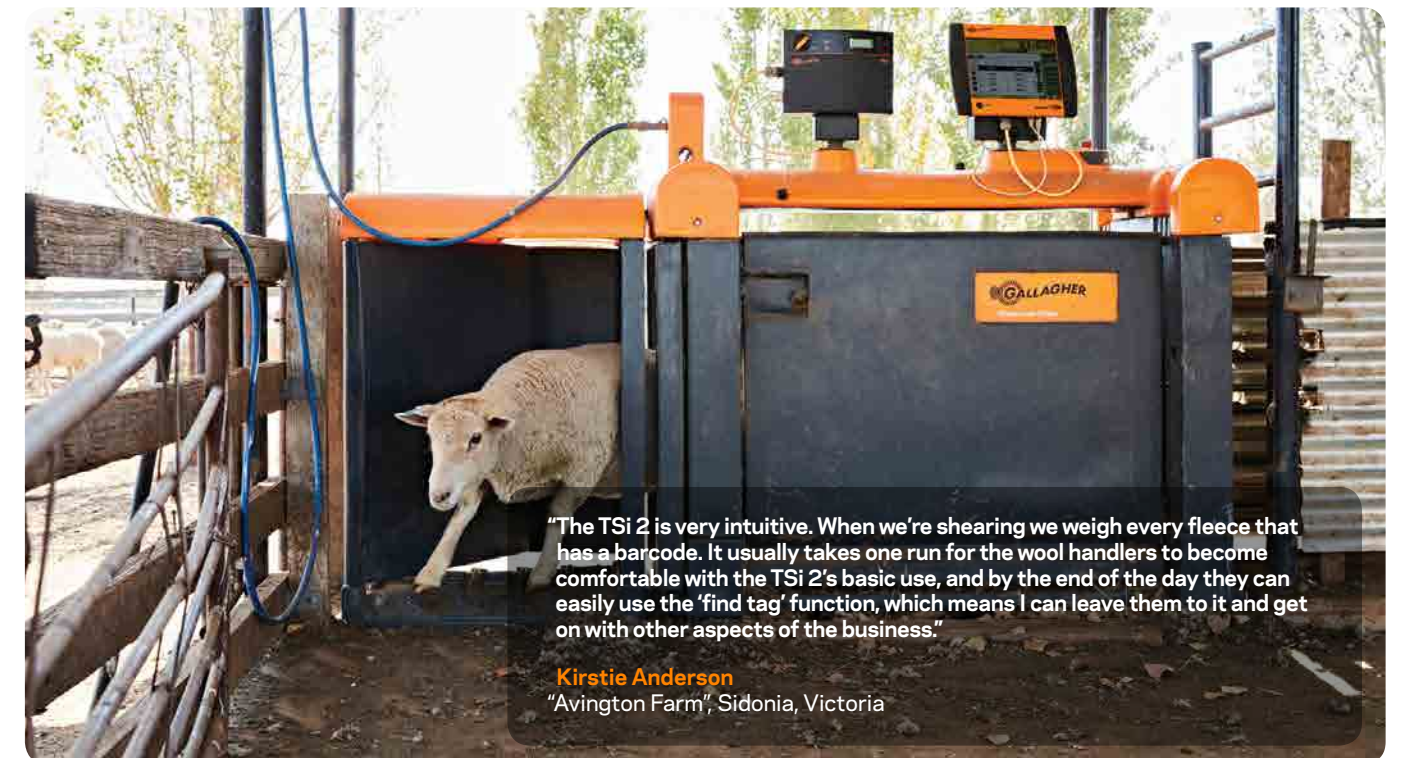Loadbar Connectors

RS232 Ports x 2

APS PROFESSIONAL

ANIMAL PERFORMANCE SOFTWARE (APS PROFESSIONAL INCLUDED)
Analyse data and upload to NLIS in three easy steps (APS Professional valued at $999 inc GST).

Comes with carry case, memory stick and mounting bracket.
Dimensions: 350mm (w) x 280mm (d) x 90mm (h) 13.1kg

But don't take our word for it...

The TSi 2 allows critical data recording and analysis for all types of livestock farmers. Whether it's accurate data collection, management of inventories, carrying capacity and weight gain progress, or recording performance of mobs on different feed regimes, the TSi 2 is a livestock management tool that transforms the way farmers make decisions on farm.

"The TSi 2 is very intuitive. When we're shearing we weigh every fleece that has a barcode. It usually takes one run for the wool handlers to become comfortable with the TSi 2's basic use, and by the end of the day they can easily use the 'find tag' function, which means I can leave them to it and get on with other aspects of the business."
Kirstie Anderson
"Avington Farm", Sidonia, Victoria

"The integrated Animal Performance Software APS (Professional version) that comes with the TSi 2 is highly useful. APS Professional is great. You can filter out anything you wish and find animals easily by the filter system"
Anna Toland
Toland Merino, Violet Town, Victoria.

"Even though we're not stud breeders, we still need to keep a good record of our bulls and cows, to know which property the calves came from and be able to track back their parentage, so that when we sell them we're able to tell their bloodlines because that's important for marbling. Then there are grow-outs and a whole other lot of information."
Nikki Macqueen
"Murralah", Millmerran, Qld

TWR-5 G02606

MAGIC, WITHOUT THE WAND. THE WEIGH SCALE THAT ALSO READS EID TAGS

The revolutionary TWR-5 makes the entire Weighing and EID system faster and simpler then ever before. A market-first integrated EID reader simplifies the weighing process, making animal data collection easier.

- All in one weigh scale, data collector and EID reader*
- Simple to operate touch screen weigh scale, data collector and EID reader
- Record and review up to nine traits to optimise animal performance

Market leading touch screen technology – Full colour, outdoor readable touch screen.

On board help, 24/7 - The entire product manual is loaded into the product. Help is only one click away.

Record treatments on the spot - Animals can be weighed and administered the correct dose rate, all recorded on the weigh scale at the time of treatment.

Animal notes and note alerts - Record notes against animals on the spot for later review. Notes alert the operator when the animal's tag is read.

Animal data analysis on device - Shows individual weight gain graphs, as well as weight distribution plots for all animals within a weighing session.

Comprehensive life data and traits - Ideally suited to farmers wanting to comprehensively record and review more information than simply weight. Can record up to 9 traits per session.

Ultimate user experience - Execution of common tasks have been rigorously tested to ensure that we are able to deliver the most farmer friendly experience on the market.

Draft up to 9 groups - draft by weight, weight gain, predetermined EID list or by recorded life data and traits.

Tough, rugged exterior – Farm ready, tough, waterproof design.

Integrated EID reader - Built in EID reader means the farmer can plug the weigh scale straight in to an EID antenna to record weights and easily scan EID tags. This eliminates the need to purchase a separate EID reader.

EID BUILT IN TAG READER*

The complete package, ready to go – Just plug into your existing load bars and you have everything you need to start weighing:
- Tough and convenient Gallagher carry case
- Mounting bracket
- Micro-fibre screen cloth
- Battery charging cable
- Mains charging cable
- USB drive loaded with APS software
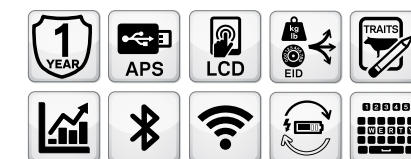- USB cable for data transfer to PC

* Antenna panel and extension cord sold separately

TW-3 G02603

FULL ANIMAL HISTORY AT THE TOUCH OF A FINGER

A Gallagher Weigh Scale provides performance conscious farmers with an innovative weighing system that is not only tough, reliable and accurate but also very simple to use.

- Simple to operate weigh scale and data collector
- Record and analyse animal data to optimise performance

Market leading touch screen technology – Full colour, outdoor readable touch screen.

On board help, 24/7 - The entire product manual is loaded into the product. Help is only one click away.

Record treatments on the spot - Animals can be weighed and administered the correct dose rate, all recorded on the weigh scale at the time of treatment.

Animal notes and note alerts - Record notes against animals on the spot for later review. Notes alert the operator when the animal's tag is read.

Animal data analysis on device - Shows individual weight gain graphs, as well as weight distribution plots for all animals within a weighing session.

Record life data and traits - Ideally suited to farmers wanting to record and review more information than simply weight. Can record up to 3 traits per session.

Ultimate user experience - Execution of common tasks have been rigorously tested to ensure that we are able to deliver the most farmer friendly experience on the market.

Draft up to 9 groups - draft by weight, weight gain, predetermined EID list or by recorded life data and traits.

Tough, rugged exterior – Farm ready, tough, waterproof design.

Flexible mounting options - Easy to use sitting flat, or mounted to a vertical surface. The adjustable mounting bracket allows you to easily tailor the viewing angle for optimum visibility.

Flexible connectivity options - Whether connecting to drafters or readers via a serial cable, to a PC via USB or utilising the Bluetooth and WiFi wireless options, the TW scales have every option available.

Serial Port Included

TW-1   G02601

WEIGHT GAIN AT THE TOUCH OF A FINGER

The new Gallagher Touch Weigh Scale range makes weighing and data management easier than ever before. Manage your animal weights and weight gain all on an easy to use, fully intuitive touch screen.

- Simple to operate, touch screen weigh scale
- Collect data to optimise animal performance

On board help, 24/7 - The entire product manual is loaded into the product. No matter where you are, or what you are trying to do help is only one click away.

Market leading touch screen technology – Full colour, outdoor readable touch screen. Large 7" screen, shows weight and gain information in an easy to read font.

Animal data analysis on device - Shows individual weight gain graphs, as well as weight distribution plots for all animals within a weighing session.

Animal notes and note alerts - Record notes against animals on the spot for later review. Notes alert the operator when the animal's tag is read.

Draft by weight, weight gain or by ID List - Easily separate animals in to treatment or management groups. Connects to auto drafters for simplified animal handling

Ultimate user experience - Design of the scale and execution of common tasks have been rigorously tested to ensure the scale is easy to navigate and that we are able to deliver the most farmer friendly experience on the market.

Tough, rugged exterior – Farm ready design. Toughened, scratch proof glass screen and waterproof casing makes it suitable for all environments.

The complete package, ready to go – Just plug into your existing load bars and you have everything you need to start weighing:
- Tough and convenient Gallagher carry case
- Mounting bracket
- Micro-fibre screen cloth
- Battery charging cable
- Mains charging cable
- USB drive loaded with APS software
- USB cable for data transfer to PC

W310 v2
G01305
Entry level automatic weigh scale with basic drafting capability.

"We were immediately impressed with the TW-3 because it not only has the existing functions of the W810, but it also has built-in wifi and bluetooth capabilities, a much larger touchscreen so it enables more information to be displayed, and a much larger keyboard – which is crucial for fast and accurate data entry.

The Gallagher weighing systems have played a major part in allowing us to provide valuable information to our clients on their animals' weight gain, feed conversion and also how their animals have performed with, and without, the use of hormonal growth promotants.

This information therefore gives not just ourselves, but other producers, the ability to review their animals' performance and then apply their management decisions accordingly."

Sarah Donovan,
"Duaringa Station", Central Queensland

"Our data is far more accurate. We know who's putting weight on, and who isn't. Who's cost us money, and who's making us money. On top of that, it's just easy to use: it's like a big smartphone with a touchscreen really. You can talk to it through your phone, too. It's really good."

Danny Attard
Gympie, QLD
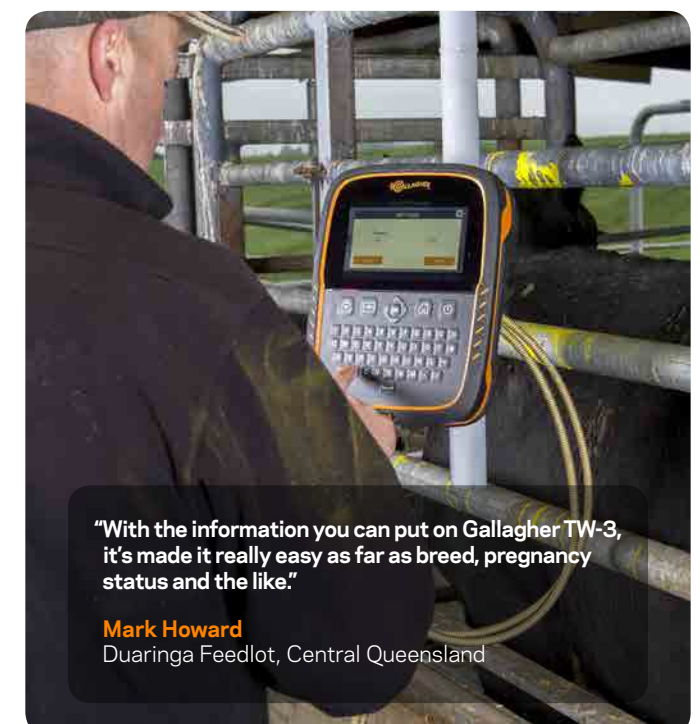
"With the information you can put on Gallagher TW-3, it's made it really easy as far as breed, pregnancy status and the like."

Mark Howard
Duaringa Feedlot, Central Queensland

Gallagher's new TW series weigh scale and data collectors represent a ground up re-think of livestock weighing and data analysis, leveraging EID tags. Full touch screen operation and an outcome focused, intuitive user interface eliminates complexity, making routine monitoring straightforward.

Before embarking on the TW weigh scale project Gallagher engineers carried out considerable customer research and spent hours on-farm discussing farmer needs and identifying pain points.

One objective for this new generation of weigh scales was a design that recognised how farmers interact with equipment. Touch screens are part of their daily lives now, with smart phones and tablets. These devices have simple user interfaces so a similar approach was fundamental to the design of the TW range.

Many farmers told us they only use 20% of the functionality in equipment and devices because of complexity, so we spent considerable time developing a very friendly user interface.

Another key focus for the designers was user experience.

Repeated trips out to farmers to test and re-test improvements in the interface proved invaluable. The resulting TW screen interface is extremely intuitive, from initial scale setup to final weigh data download.

The high resolution, full colour touch screen of the TW weigh scales delivers maximum screen visibility regardless of sun light conditions. It is designed to be robust and tough in harsh operating environments, repelling water and capable of taking the typical on-farm knocks.

Every step of the TW weigh scale operation is easily understood with help options embedded throughout, doing away with the need for a printed instruction manual.

Connectivity is now crucial on all farm devices, and TW weigh scale range offers a significant advantage over competing brands by connecting with Gallagher's own Animal Performance Software (APS) system.

APS provides easy access to animal information, offering timely analysis and understanding of individual and mob performance.

All data recorded in the field can be directly uploaded into the APS software, doing away with the one thing farmers hate the most – having to enter data twice.

The TW range can be connected to the user's smart devices via either a Bluetooth or WiFi link. Here one of the Gallagher apps can be used to manage the data. The free Animal Data Transfer app provides for simple NLIS compliance, with the new Dashboard apps providing greater analysis capability.Dashboard provides a quick view of crucial animal data, easily visited on tablet, smartphone or PC.

Weight gain at the touch of a finger.

SUNLIGHT READABLE LCD TOUCH SCREEN

Features	TSi 2	TWR-5	TW-3	TW-1	W310 v2
OPERATION & DATA COLLECTION					
Manual and automatic weight locking options	•	•	•	•	•
Internal rechargeable battery	•	•	•	•	•
Compatible with Gallagher 2T. 3.5T & 4.5T Loadbars & 5T HD Feet	•	•	•	•	•
Assign visual tag against weight and EID number	•	•	•	•	
Calculates average daily weight gain	•	•	•	•	
Max number of weigh records	1,000,000+	1,000,000+	1,000,000+	1,000,000+	
Number of traits recorded per session	20	9	3		
Individual animal notes and weight recorded	•	•	•	•	
Multiple custom trait definitions (i.e. condition score, genetics etc.)	•	•	•		
Weight based calcluations (eg dose or kill out weight)	•	•	•		
Advanced customised calculations based on recorded animal data	•				
Review full animal history in the yard	•	•		•	
Manage treatments and associated withholding periods	•	•		•	
View animal pedigree information in graphical family tree	•				
DRAFTING					
Maximum number of draft groups	9	9	9	9	
Liveweight drafting	•	•	•	•	
Drafting by weight gain	•	•	•	•	
Drafting by electronic ID number	•	•	•	•	
On screen drafting statistics recorded	•	•	•	•	
Automatic drafter interface	•	•		•	
CONNECTIVITY					
Automatic load bar recognition & calibration	•	•	•	•	•
Integrated EID reader		•			
Bluetooth connection to external EID readers	•	•	•	•	•
WiFi connectivity	•	•	•	•	
SOFTWARE					
Compatible with Gallagher Smartphone Apps	•	•	•	•	
Animal Performance Software (APS) Standard for basic data analysis	•	•	•	•	
Animal Performance Software (APS) Professional for advanced stock analysis	•				

The TSi 2 provides immediate access to detailed animal information, anywhere, at any time.

With the new TW-3 weigh scale and data recorder you can record and analyse animals by weight, weight gain and/or trait information.

Sheep being weighed and drafted on set weight criteria through a sheep auto drafter with the new TW-1 weigh scale.

WEIGH FEET

Heavy Duty Weigh Feet Kit
5000kg
weighing capacity
G05420

- Tough, stainless steel weigh feet for easy mounting under cattle handlers and custom platforms
- Fast and easy loadcell replacement without major lifting
- High accuracy corner to corner performance for demanding weighing requirements
- Extra loadcell supplied in kit as a spare
- 2 year warranty.

LOADBARS

- Heavy galvanised steel chassis construction for long life and to withstand the harshest environments
- Easy maintenance with no moving parts or rubber mounts that can wear out
- 6 metre long, tough polyurethane loadbar cables (see diagram below)
- Designed for outdoor use with fitted high quality, moisture proof connectors
- Easy to bolt down with bottom feet-mounting holes that extend beyond top covers.

Super Heavy Duty Loadbars
4500kg
weighing capacity
G06400/1000mm

These loadbars can withstand large shock loads and are ideal for permanent installation under large crushes.

2 year warranty.

Heavy Duty Loadbars
3500kg
weighing capacity
G06300/1000mm

Loadbars
2000kg
weighing capacity
G06000/600mm
G06100/1000mm

Fits most sizes of platforms with slotted top-mounting holes.

2 year warranty.

ACCESSORIES

6 metre Loadbar Extension Cables

- 2000kg Loadbar (G05000)
- 3500/4500kg Loadbar (G05100)
- 6 metre long, tough polyurethane loadbar cables
- Fitted with high quality, moisture proof connectors.

Suspension Load Cells

- 250kg (G05500)
- 500kg (G05501)
- Spring wire protected cable
- Fitted with high quality, moisture proof connectors.

The long life, heavy duty loadbar cables included with Gallagher loadbars (G06300, G06000 and G06100) are impact resistant and designed to withstand the harshest yard conditions.

Robust fully water proof connectors. Includes cap to protect pins when not in use.

Stainless steel spring wire sheath protects cable from impact damage.
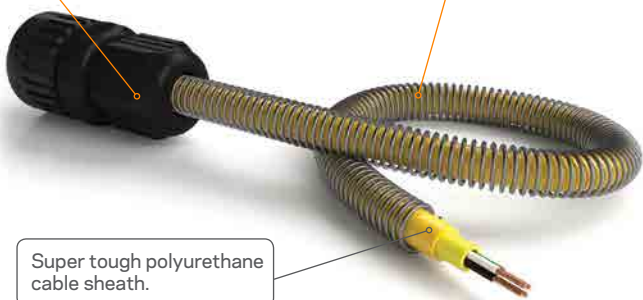
Super tough polyurethane cable sheath.

PLATFORMS

Aluminium Platform
SG05800 - standard
(2400mm (l) x 705mm (w) Weighs 35kg)
SG05799 – split
(2200mm (l) x650mm (w) Weighs 36kg)

- A high-strength, lightweight platform designed to fit 2000kg (G06000) Gallagher and most other branded loadbars
- Combine strength and portability to reduce the time and hassle involved in weighing sessions
- Split version allows easy transport and one half can be used as a shorter platform for smaller animals
- 2 year warranty.

Steel Platform
SG05801
Dimensions:
2200mm(l) x650mm (w)
Weighs 80kg

- Hot dip galvanised steel cattle platform
- A high-strength platform designed to fit 2000kg (G06000) Gallagher and most other branded loadbars
- 2 year warranty.

Horse Platform
SG05802
1500kg weighing capacity
Dimensions:
2400mm(l) x1000mm (w)
Weighs 77kg

High-strength platforms designed to fit standard 2000kg (G06000) Gallagher and most other branded loadbars. Featuring rubber lining for quiet operation, increased traction and soft and smooth footing.

Rubber Lined Platform
SG05805
1500kg weighing capacity
Dimensions:
2400mm(l) x700mm (w)
Weighs 51kg
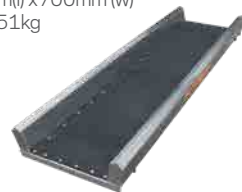
High-strength platforms designed to fit standard 2000kg (G06000) Gallagher and most other branded loadbars. Featuring rubber lining for quiet operation, increased traction and soft and smooth footing.

Loadbar and Platform Selection Guide
Find the correct weighing set up that best suits your needs using the table below.

1. Select the animal that you want to weigh
2. Then select your current or preferred method of containment to find the products you'll need.

		Animal Type					
		Sheep	Dairy	Calves	Cattle	Horses	Deer
Method of containment	CRATE/ HANDLER	Loadbars 600mm (G06000)	Heavy Duty Weigh Feet (G05420) Heavy Duty Loadbars (G06300)	Loadbars 600mm (G06000)	Heavy Duty Weigh Feet (G05420) Heavy Duty Loadbars (G06300)	n/a	Loadbars 1000mm (G06100)
	PLATFORM	n/a	Loadbars 600mm (G06000) Aluminium (SG05800) or Split Aluminium Platform (SG05799)	Loadbars 600mm (G06000) Aluminium (SG05800) or Split Aluminium Platform (SG05799)	Loadbars 600mm (G06000) Aluminium (SG05800) or Split Aluminium Platform (SG05799)	Loadbars 1000mm (G06100) Horse Platform (SG05802)	Loadbars 1000mm (G06100) Horse Platform (SG05802)

An EID tag reader is a critical part of an EID system. The reader captures the unique tag number of individual animals as they are weighed, treated, or identified in a yard or race.

Gallagher **portable** hand held EID tag readers are lightweight, hardwearing and easy to use - perfect for on the go use at different sites – animal data can be can be read, recorded, and collected anywhere on the farm.

Gallagher **permanent** EID tag readers comprise an antenna panel and moveable electronic controller. The readers are fixed in place, usually on a weighing crate or at a location in a race, for hands free, automated reading of EID tags.

PORTABLE

PERMANENT
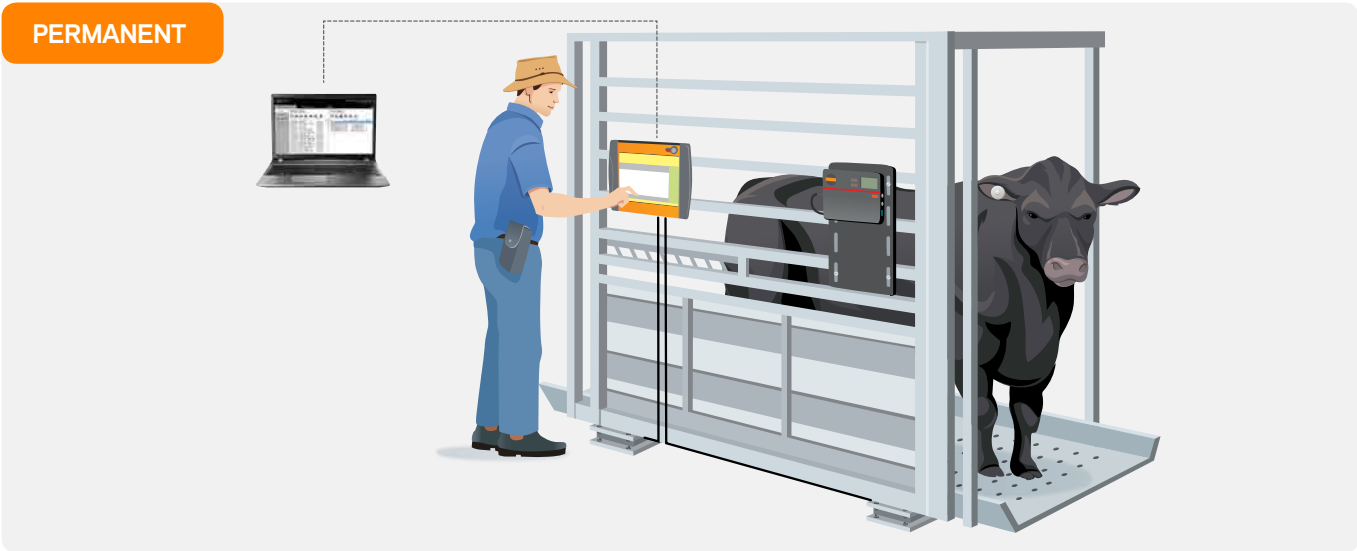
WHAT TO LOOK FOR

Portable Hand Held EID Tag Readers

- Full animal management recording capability including weights and other animal data
- Animal data analysis software included
- Read accuracy with positive confirmation of tag read eg. a beeper sounds, LED flashes at end of snout and handle vibrates
- Super safe with hand guard to reduce risk of trapping hand or arm coupled with long reach to keep body away from lively animals
- Ergonomic design with natural soft grip handle and optimal screen position to allow comfortable, long term use.

WHAT TO LOOK FOR

Permanent EID Tag Readers

- Ability to be used with any livestock – different panel sizes for constrained weighing of sheep/ cattle in crate or for dairy and other walk past applications
- High performance tag read, on both HDX and FDX- B tags, in any environment, whether it's indoors or out
- Simple connectivity with Bluetooth wireless communication to weigh scales and other devices, as standard
- Easy installation – simply mount the auto tuning panel using the reinforced mounting slots and plug in the electronic controller
- Ability to be used in multiple locations, with panel mounting options and moveable controller
- Long life, fully sealed waterproof antenna panel to withstand outdoor use in any weather.

PORTABLE Page 18-21

HR5 / Pg18

HR4 / Pg20

Portable Hand Held EID Tag Readers
These high performance readers provide a super-fast read of both HDX and FDX-B tags, and with an ergonomic and hard wearing design they are the perfect tool for portable EID data collection.

PERMANENT Page 22

BR1300
R1300
Pg 22

BR600
R600
Pg 22

Permanent EID Tag Readers
These EID tag readers are easy to use and set up and provide high performance reading of both HDX and FDX-B tags in any environment. The two models and panel sizes allow for flexible use with any livestock in both constrained weighing (in a crate or handler) and walk past applications (BR models shown above).

HR5 v2 Hand Held EID Tag Reader and Data Collector   G03303

With its large colour screen and alpha numeric keypad, the HR5 Hand Held EID Tag Reader is the most powerful portable data collection and editing platform available providing flexibility right there in the yard.

Farmers can record, edit and customise data against EID records immediately without needing to set it up in the office first.

SMARTPHONE COMPATIBLE

LED, vibration and beeper to show tag read successful.

ISO half and full duplex compliant.

Records weights and displays weight gain.

Fast and continuous reading with one trigger click.

Large easy to read screen - 2.8" backlit colour display with hi-resolution large graphics – easy to read indoors and out.

Full texting style keypad for easy on site data entry.

Pair with other devices - Easily search and connect via Bluetooth to other devices.

Market leading ergonomic design with long reach and hand guard for maximum operator safety.

Compatibility - Compatible with Gallagher and other brands of EID capable weighing data collectors.

Receives animal weights from Bluetooth connected weigh scale

Comes with handy robust carry case

Simple connectivity - Includes PC and charging cables.

APS STANDARD

ANIMAL PERFORMANCE SOFTWARE (APS STANDARD INCLUDED)
Analyse data and upload to NLIS in three easy steps (APS Standard valued at $199 incl GST).

GALLAGHER

FREE ANIMAL DATA TRANSFER APP
Transfer animal data to NLIS using your Gallagher Hand Held EID Tag Reader and your iPhone or Android Smartphone. Available FREE from the Apple App Store or Google Play Store.

Key activities:

Easily read visual and EID tag numbers
Large display clearly shows visual ID and EID tag numbers to confirm the correct animal's information is being collected.

Collect data, not just EID numbers
Choose multiple traits to record against each animal such as breed, sex, condition score and pregnancy status.

Sort on the go
Sort group name is highlighted on screen for easy reference with optional group colours.

View animal history
View past traits, activities and life data recorded against an animal.

Record visual ID's
- Visual ID's can be added on the go, and used to identify and record information against an animal eg. replacing a lost EID tag number
- Record data against visual ID if animal EID tag cannot be read.

Link mothers to their offspring
- Automatically link mothers with their newborns
- Add birthing details and data such as sex, birthing ease and fate.

Versatile data entry
- Numeric, text, date and pick-list type traits can be entered eg. an observation using the free text entry field
- Animal notes can be set to appear as an alert when the animal is next scanned.

Add and edit session names
- Personalise session names (eg. Week 13 Lambs, Pen 12 Angus, Hereford Cows)
- Make it easy to identify sessions once uploaded to APS software.

HR4 v2 Hand Held EID Tag Reader and Data Collector   G03302

Gallagher HR4 Hand Held EID Tag Readers are the perfect tool for portable EID data collection. Easy recording of pre-defined animal data against EID tag numbers.

SMARTPHONE COMPATIBLE

LED, vibration and beeper to show tag read successful.

Fast and continuous reading with one trigger click.

Large easy to read screen - 2.8" backlit colour display with hi-resolution large graphics – easy to read indoors and out.

ISO half and full duplex compliant.

Simple scrolling menu keypad to find pre-defined data.

Compatibility - Compatible with Gallagher and other brands of EID capable weighing data collectors.

Pair with other devices - Easily search and connect via Bluetooth to other devices.

Market leading ergonomic design with long reach and hand guard for maximum operator safety.

Simple connectivity - Includes PC and charging cables.

Key activities:

Easily read visual and EID tag numbers	Collect data, not just EID numbers	Sort on the go	View animal history
Large display clearly shows visual ID and EID tag numbers to confirm the correct animal's information is being collected.	Choose multiple traits to record against each animal such as breed, sex, condition score and pregnancy status.	Sort group name is highlighted on screen for easy reference with optional group colours.	View past traits, activities and life data recorded against an animal.

Features Comparison Chart

Features	HR5 v2	HR4 v2
OPERATION		
Memory capacity	100,000	100,000
Large 2.8" colour LCD backlit screen	▪	▪
Re-configure settings on the Reader itself	▪	▪
Bluetooth	▪	▪
WIFI connectivity	▪	▪
USB connectivity	▪	▪
Powered by internal rechargeable battery	▪	▪
Bluetooth Adaptor for non-Bluetooth EID compatible weigh scales	Sold separately	Sold separately
Comfortable ergonomic, soft grip handle	▪	▪
Rugged carry case	▪	▪
VISUAL ID AND EID TAG MANAGEMENT		
Record replacement of animal EID tag	▪	
Edit visual ID on device	▪	
Look up animal from visual ID only	▪	
Visual ID cross reference table	▪	▪
Continuous tag read mode	▪	▪
Vibration, audible feedback and LED confirmation of tag read	▪	▪
SESSION AND DRAFTING ACTIVITY		
Numeric, free text and date data entry	▪	
Enter animal notes	▪	
Session name and notes entry	▪	
Link Mother to off-spring	▪	
Record alerts, as a reminder, when animal is next scanned	▪	▪
Pick-list data entry	▪	▪
View animal history by trait, life data or activity	▪	▪
Assign sort colour (virtual raddle)	▪	▪
Distinction between traits, life data and activities	▪	▪
Date and time stamp on all records	▪	▪
Number of animal traits per session	9	3
FREE Android and iPhone app for easy transfer of animal data to NLIS	▪	▪
Animal Performance Software (APS Standard) for PC	▪	▪

View past traits, activities and life data recorded against an animal with the HR5.

Use pre-defined 'lists' with the HR4 to record traits such as breed or sex and sort into colour coded draft groups.
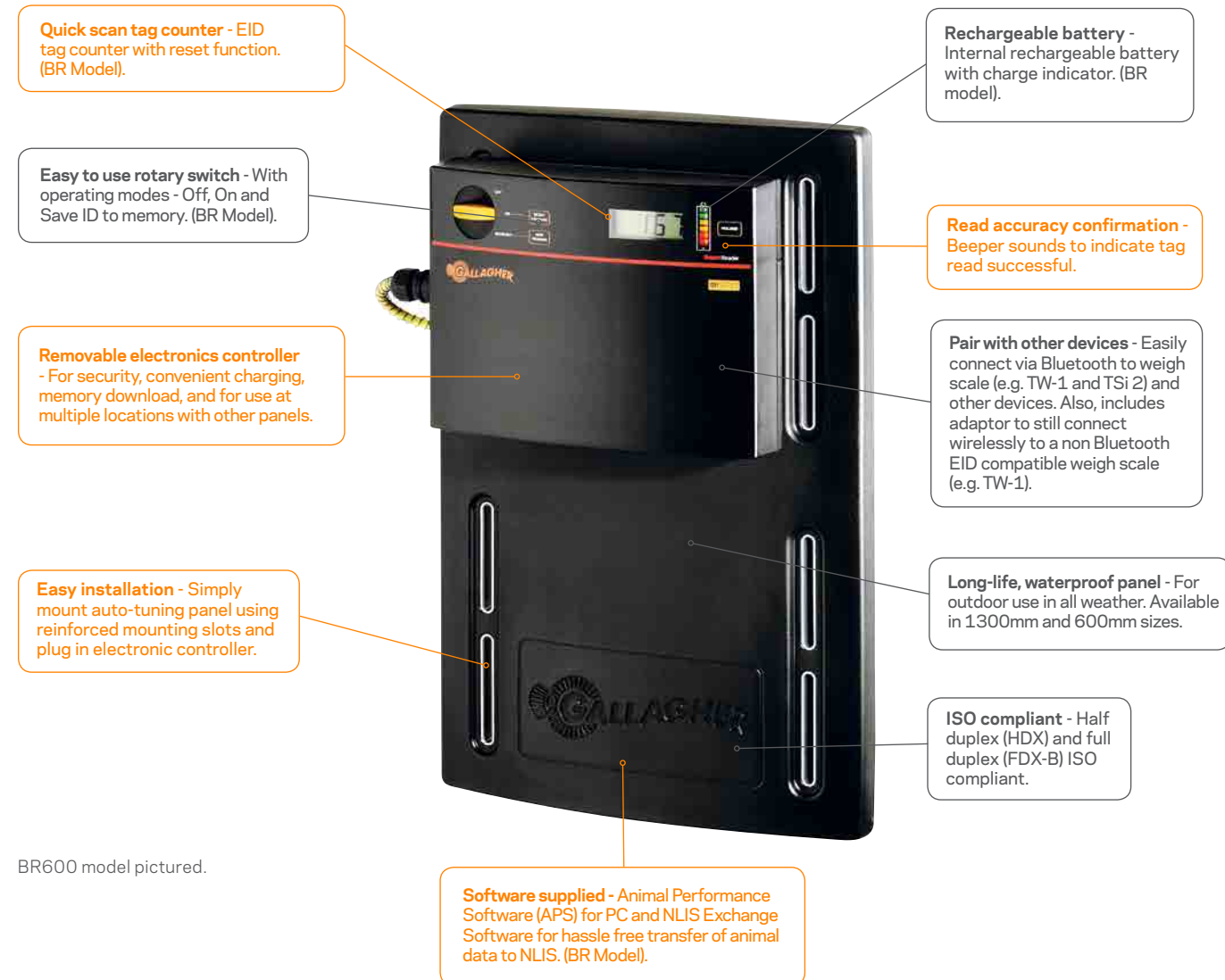
The HR5 screen clearly displays the visual ID and count of animals in the session.

Gallagher Permanent EID Tag Readers are ideal for fixed, hands-free EID data collection on any livestock, usually in a weighing crate or at a location in a race.
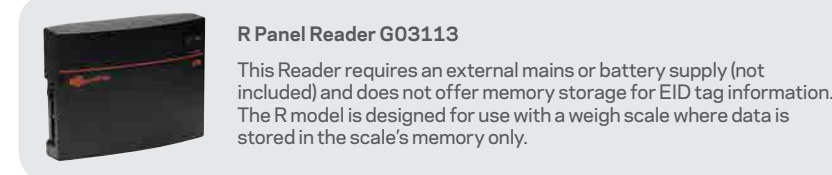
Track individual animal fleece performance such as micron, staple strength, or greasy fleece weight in the shed. Make management decisions based on individual and accurate animal data collected over a life time.

EID Tag Reader Controller BR with Antenna Panel

1300mm Antenna Panel G03112
600mm Antenna Panel G03121
EID Tag Reader Controller BR G03111

With a 1300mm panel and up to 1.2m read range, the BR1300 is best suited for dairy and other walk past applications. The BR600, with a 600mm panel and 1m read range, is ideal for constrained weighing of sheep or cattle in a crate or handler.

Quick scan tag counter - EID tag counter with reset function. (BR Model).

Easy to use rotary switch - With operating modes - Off, On and Save ID to memory. (BR Model).

Removable electronics controller - For security, convenient charging, memory download, and for use at multiple locations with other panels.

Easy installation - Simply mount auto-tuning panel using reinforced mounting slots and plug in electronic controller.

Rechargeable battery - Internal rechargeable battery with charge indicator. (BR model).

Read accuracy confirmation - Beeper sounds to indicate tag read successful.

Pair with other devices - Easily connect via Bluetooth to weigh scale (e.g. TW-1 and TSi 2) and other devices. Also, includes adaptor to still connect wirelessly to a non Bluetooth EID compatible weigh scale (e.g. TW-1).

Long-life, waterproof panel - For outdoor use in all weather. Available in 1300mm and 600mm sizes.

ISO compliant - Half duplex (HDX) and full duplex (FDX-B) ISO compliant.

BR600 model pictured.

Software supplied - Animal Performance Software (APS) for PC and NLIS Exchange Software for hassle free transfer of animal data to NLIS. (BR Model).

R Panel Reader G03113

This Reader requires an external mains or battery supply (not included) and does not offer memory storage for EID tag information. The R model is designed for use with a weigh scale where data is stored in the scale's memory only.

Scanner
SG3910

- Quickly and easily scan barcodes
- Lightweight and ergonomic design
- Designed to withstand dust and liquid and being dropped in shed.

Printer
SG3900

- Quickly and easily print barcodes allocated to individual animals fleece
- Bluetooth compatible
- Standard USB and serial interfaces
- Rugged, scratch resistant construction
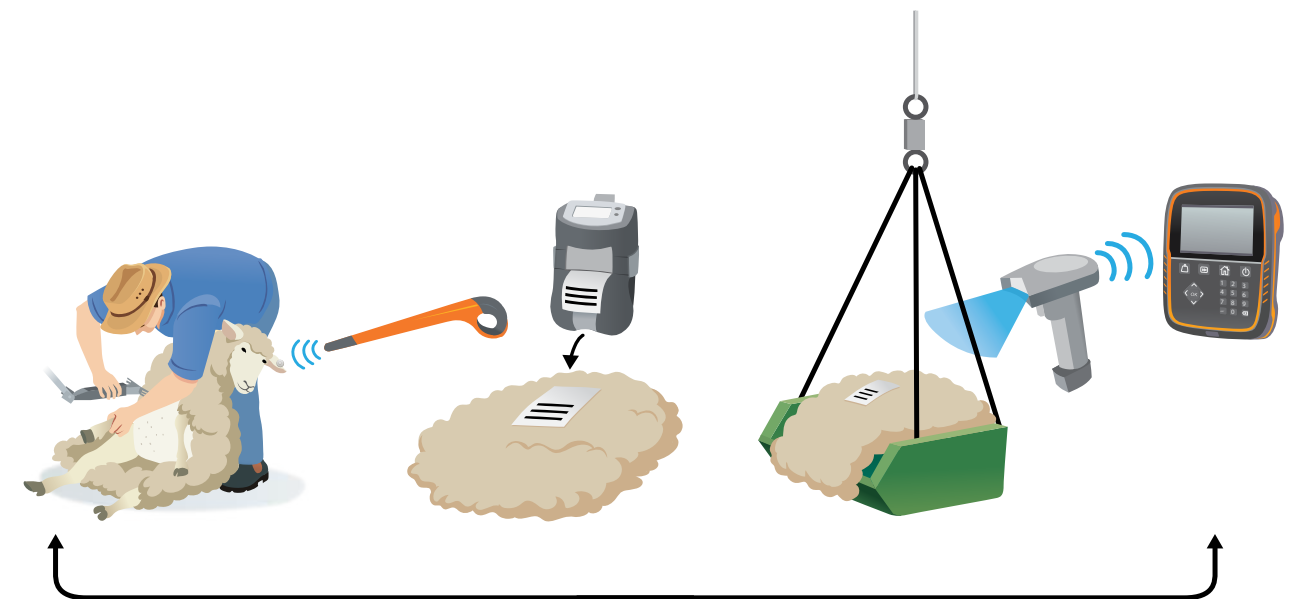
HR5
G03303

Suspension Load Cell
G05500

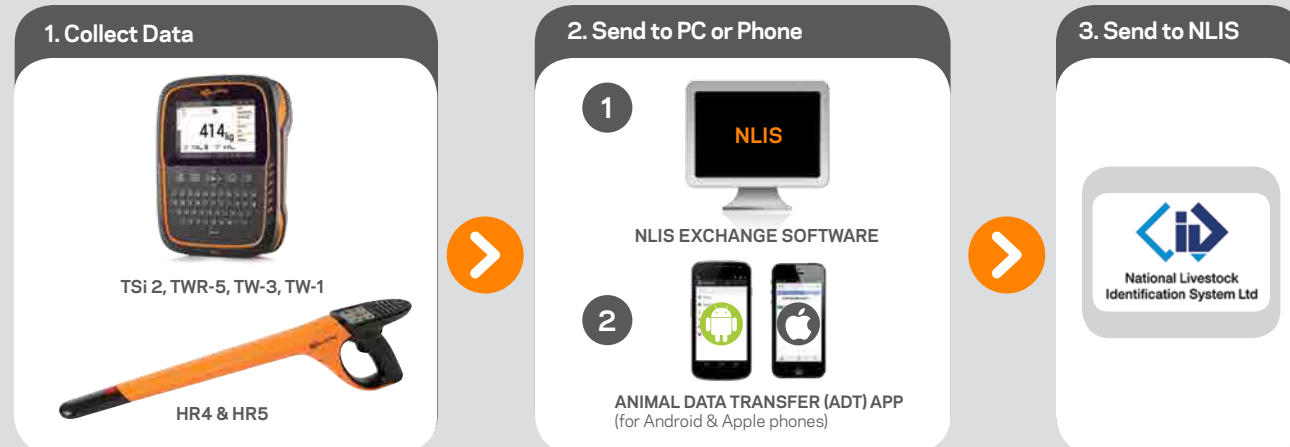**TSi 2**
G01901

TWR-5
G02606

TW-3
G02603

TW-1
G02601

Make animal data transfer easy with the free **Gallagher Animal Data Transfer App**, extract more profit from your farm with **Gallagher Animal Performance Software (APS)** and access and use your animal information anywhere, at any time with Gallagher's new **Dashboard**.

Simple animal data transfer to NLIS

Gallagher offer two FREE options for quick and easy transfer of animal data from your Gallagher hand held EID tag reader or EID compatible weigh scale to NLIS – either from your computer with NLIS Exchange Software or from your smart phone with the Animal Data Transfer App.

1. Collect Data

414 kg

TSi 2, TWR-5, TW-3, TW-1

HR4 & HR5

2. Send to PC or Phone

1 NLIS

NLIS EXCHANGE SOFTWARE

2

ANIMAL DATA TRANSFER (ADT) APP
(for Android & Apple phones)

3. Send to NLIS

National Livestock Identification System Ltd

Android & Apple App is compatible with all Gallagher hand held EID tag readers, TWR-5, TW-3, TW-1 & TSi 2.

Extract more value from your farm with Gallagher Animal Performance Software (APS)

The clear icon based menu on APS Standard makes it quick and easy to view and use current or historical information on an individual animal level.

**Included FREE with the HR4 v2, HR5 v2, TWR-5, TW-3, TW-1 and BR**

- Easy information sharing between vets, farm advisors, dairy grazier owners, and farm managers and owners etc.
- Hassle free transfer of animal data to NLIS
- Can be upgraded to APS Professional. (refer to page 8)

Intuitive side menu to access other program features eg. connection to device or creation of draft lists.

Easy access icons to print, email or view session data.

Easily view sessions stored on PC with animal count.
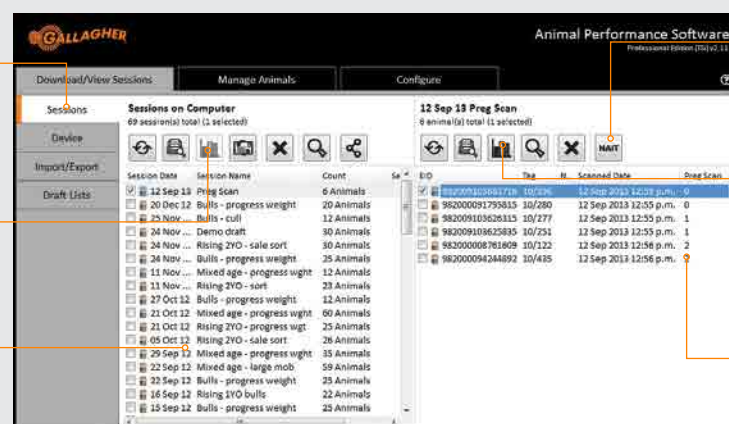
Simple compliance with NLIS national traceability scheme.

View individual weight gain charts or full animal history and life data information.

View session contents at a glance. Click on column heading to re-order.

Dashboard Livestock - Your livestock in your pocket

Manage your animal information like never before – at home on your PC or tablet, or out on farm with your phone.
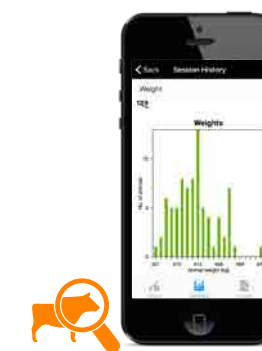
Simple quick view of crucial animal data whenever and wherever you need it is made easy with Gallagher's new web and mobile product, Dashboard.

Lift your profits

Information at your fingertips

Real time recording
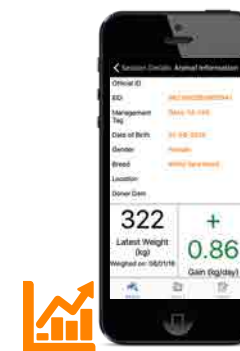
Make the most out of your animals
Track weight gain to sale or mating. Analyse which animals are doing well and which are holding you back.

Instant data recall
Look up a weighing session or an individual animal's history to get a quick view of crucial animal data whenever or wherever you need it.

Eliminate the paper trail
Record real time observations on your phone to guarantee accurate and timely data for better decision making.

Why
Dashboard Livestock?
Your livestock in your pocket.

1 I need a simple way to get my data moving
- To give staff access to data
- To send to my advisors

2 I want my animal data with me at all times
- To be able to look up an animal's details
- To show somebody in my business network a weighing session

3 I want to be able to record animal observations directly into my phone in real time and be able to recall these when in the yards

Gallagher Sheep Handlers have been designed to save farmers time, money and back breaking work.

Sheep Auto Drafter   G05714

Fully automated system that is smoother, quieter and easier to set up and operate than any other sheep drafting product on the market.

Includes a weigh crate, integrated load cells and EID antenna panels, control module with remote and three way draft module. Just add a Weigh Scale and it's ready to go.

- One-person drafting operation
- Sheep friendly - allows high stock throughput
- Indestructible – composite materials withstand repeated animal impact
- Portable – lightweight and easily transportable

New design

Three way drafter - Modular design makes for easy attachment. Add additional units to expand to 5-way drafting.

EID Ready - Compatible with Gallagher permanent EID tag reader controllers. (Sold separately).

Compatibility - Compatible with Gallagher and other branded weigh scales. (Sold separately).

High strength - Composite material withstands repeated sheep impact.

Faster flow - Short travel split gates for rapid capture and release at entry and exit.

Safe - No trapping points, metal bars or sharp edges.

Electronic ear tag compatibility - Built in antennas for reliable read.

Remote control operation - Unit can be controlled by one operator.

High visibility control panel - Includes emergency stop button, auto/manual status & fault lamp.
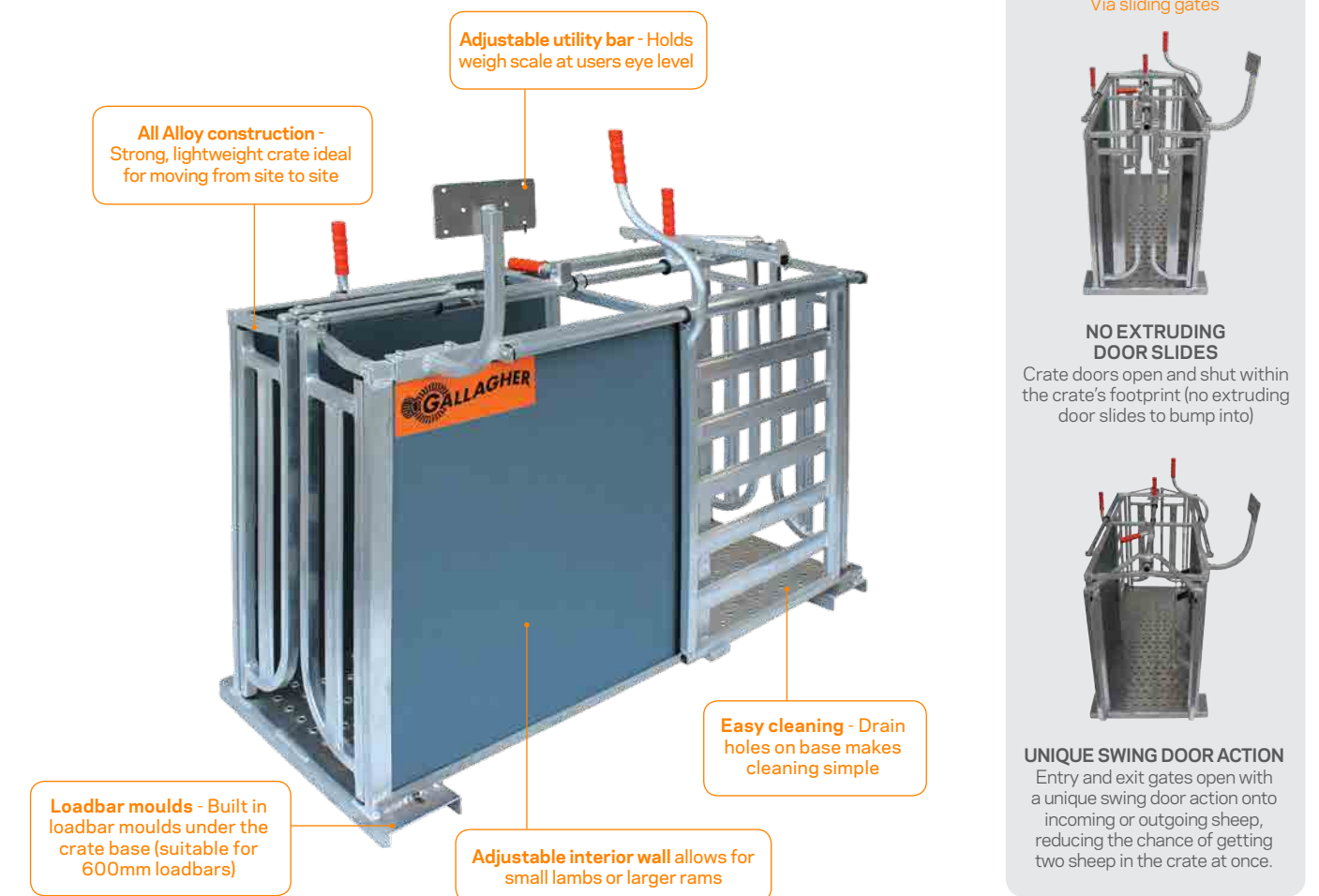
Sheep Crate - Manual 3 Way   SG3800

The manual 3-way drafter is a lightweight and portable drafting solution suitable to move from site to site. The easy sliding, inward opening doors, open within the crates footprint meaning it is suitable to use in a race.

Designed to fit most weigh bars with a weigh scale bracket attached it is the ideal solution for weighing and manual drafting your sheep.

UNIT DIMENSIONS: 1400mm long X 640mm wide X 940mm high (excluding handles)
UNIT WEIGHT: 51kg

Adjustable utility bar - Holds weigh scale at users eye level

All Alloy construction - Strong, lightweight crate ideal for moving from site to site

Easy cleaning - Drain holes on base makes cleaning simple

Loadbar moulds - Built in loadbar moulds under the crate base (suitable for 600mm loadbars)

Adjustable interior wall allows for small lambs or larger rams

Easy 3 way drafting
Via sliding gates

NO EXTRUDING DOOR SLIDES
Crate doors open and shut within the crate's footprint (no extruding door slides to bump into)

UNIQUE SWING DOOR ACTION
Entry and exit gates open with a unique swing door action onto incoming or outgoing sheep, reducing the chance of getting two sheep in the crate at once.
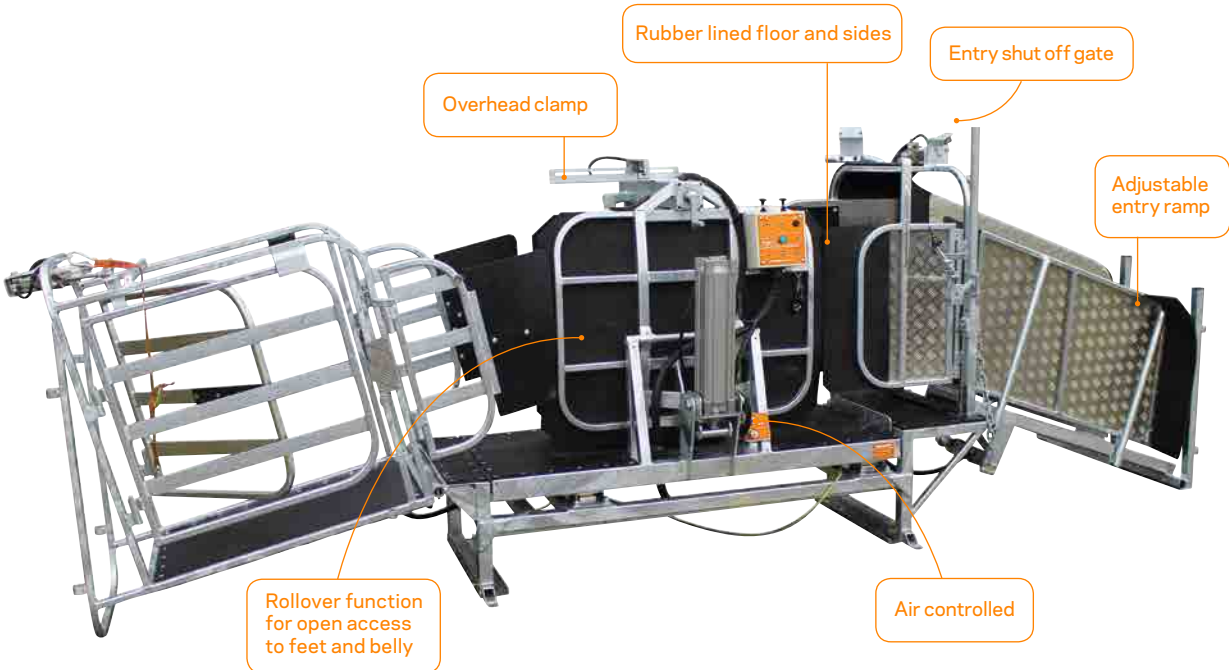
Sheep Handler – Auto Weigh Crutch and Dag
SG05794

Entry to the handler is controlled with an adjustable ramp clamp. This restrains the animal waiting to enter the handler, reducing animals backing up before the unit. This also allows two operators to work on the machine at one time.

Once on the handler, the unique top clamping system ensures sheep are well restrained and stopped from sitting down. Sheep can then be rolled on their side via the air switch - allowing for full access to the animal for crutching and animal inspection. The belly crutch mechanism gives further access to the animal and the ability to full belly crutch.

Operated with a weigh scale - automatic weighing, drafting and catching is activated by adjustable (magic eye) sensors, ensuring the animal is caught in desired position for required task. This leaves the operator free to supply sheep to the unit. The remote control lets the operator control the machine if an individual sheep needs additional attention during drafting sessions.

- Rolls sheep on their side for dagging and crutching - throughput between 80-150 sheep per hour

- Automatic weighing and 3 way drafting – throughput between 500-800 sheep per hour

- Remote control included

- Dimensions 4700mm length x 1640mm wide.

**OPTIONAL EXTRA:**
- Transportation kit (SG05795)

Sheep Handler – Auto Weigh
SG05807

Fast and accurate weighing and drafting using the que scissor clamping system, holding the animal more securely and stopping the animal from sitting down in the handler. No width adjustment is required for differing animal sizes.

The open top design gives good access to the top and head of the animal. Crutching is acheived in an upright position. A rollover option is available to give easier access to the sheep's feet and head. This is a compact and economical handler if full belly access is not required.

Available with or without a ramp clamp to capture sheep on approach.

Standard Features:
- Scissor side clamping
- Portable
- Loadbars and transport kit available to purchase separately.
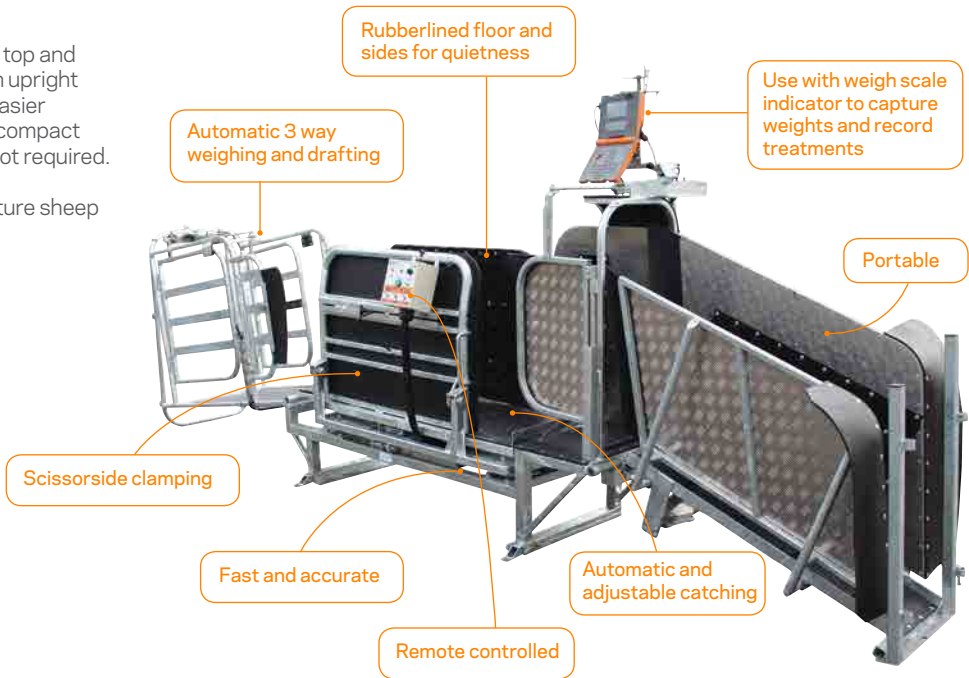
Sheep Handler – Crutch and Dag
SG05796

Features a unique top clamping system that ensures sheep are well restrained in the handler and held from sitting down in the clamp. Rolling the sheep onto their side is easily acheived with the air switch control allowing for full access to the underside of the animal for crutching and animal inspection. The belly crutch mechanism gives further access to the animal.

Available with either Manual Catch (SG05792) or Auto Catch (SG05976) functionality.
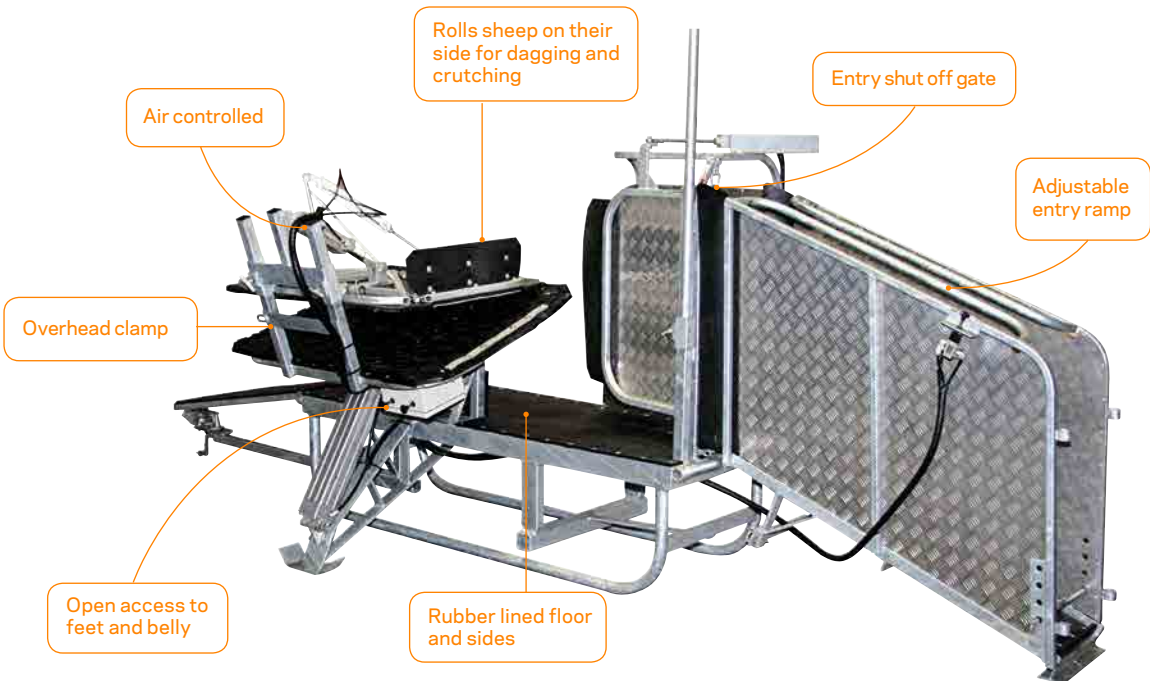
Gallagher offer a full range of other animal management products and integrated systems that make farm life easier and more profitable.

Electric Fencing

Gallagher offer both permanent and portable electric fence systems.

An electric fence system takes less time, effort and cost than traditional fencing but it's as a powerful pasture management tool where it brings most benefit. It gives farmers precise control over feed to allow allocation of pasture and other forages through permanent and temporary sub divisions.

Wireless Water Level Monitoring

Gallagher's complete, simple solution for monitoring and managing tank water and other fluids.

Very easy to operate and install, the system provides peace of mind that there is water available; helps prevent water outages before they occur and ensures maximum efficiency in water monitoring and usage.