



**AUSTRALIAN  
WEIGHING  
EQUIPMENT**  
*Weigh ahead in Weighing*

## PRODUCT GUIDE

# RITE-WEIGH LOADER

with Pressure Transducer

- The ultimate multifunction onboard scale
- High Accuracy & High Quality
- “Weigh in motion” - weigh loads as they are lifted



Suitable for use with



SKID STEER



WHEEL LOADER



TELESCOPIC FORK



### ■ ABOUT THE “RITE-WEIGH LOADER”

The Rite-Weigh Loader is our new premium onboard weighing system. It has all the advanced options of our ‘Weight Master Totaliser’ plus ‘weighing in motion’ which allows weighing of loads as they are lifted. A trigger system featuring automatic speed compensation and angular sensors captures an accurate weight reading on the go. This system will vastly improve productivity and efficiency as the operator will no longer need to pause mid-lift to capture a weight reading.

You can rely on this system to perform accurately and reliably on most skid steers, telescopic forklifts and wheel loaders. Our automatic weight trigger has no moving parts, making it virtually maintenance free and suitable for the most hostile environments.

AWE offers a printer option for the Rite-Weigh Loader system allowing you to print hard copies of your weight readings if required.

Enjoy the benefits of the Rite-Weigh Loader including:

- Increased efficiency and increased productivity resulting in increased profits for your business
- Improved safety
- Eliminate fines for overloading trucks/vehicles
- No more trips to the weighbridge
- Check incoming/outgoing goods
- Prevent damage due to machinery overload
- Avoid under/over-loading trucks



**Meet  
CoR &  
SOLAS  
requirements**



# High quality scale with “Weighing in Motion”, allowing weighing as loads are lifted

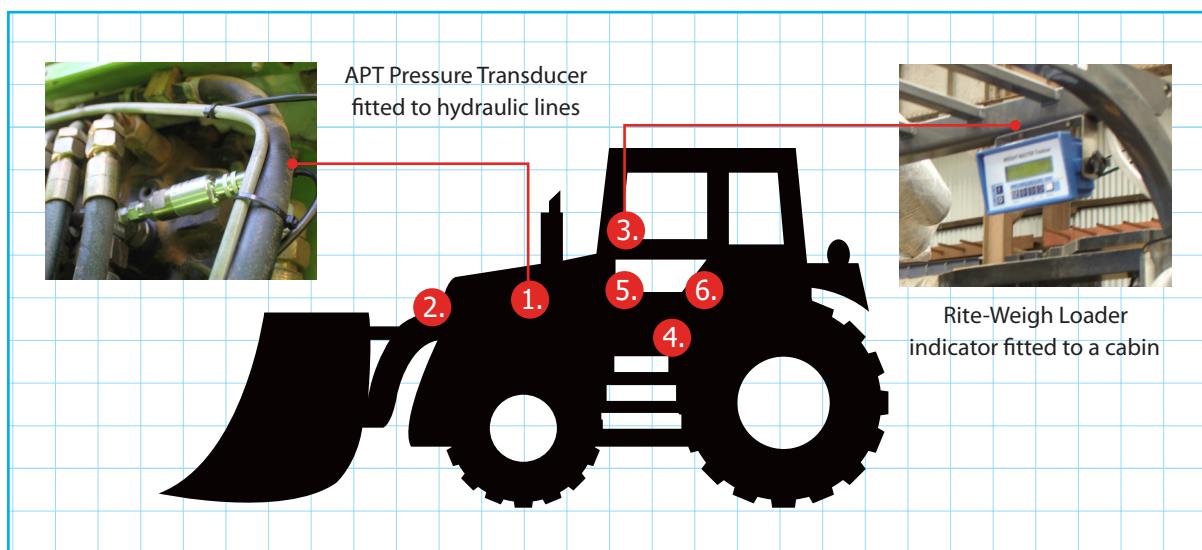
### ■ FEATURES & BENEFITS

- Trigger weighing - weigh in motion and speed compensation
- Two pressure transducers
- Angular body sensor
- Angular arm sensor
- Full function totaliser module with add-in, subtract-out, total and auto-add
- Accuracy  $\pm 1\%$  of machine capacity
- 9VDC to 70VDC
- Simple one-touch weighing button
- Autocal facility with percentage (%) adjustment
- Rugged electronic design
- Rubber-mounted bracket
- No loss of lifting capacity
- Overload alarm
- Backlit display
- Heavy-duty construction
- Printer option with date and time, totals, product description, company name, etc.



## ■ HOW THE RITE-WEIGH LOADER WORKS

- 1. Pressure Transducer:** measures pressure in the hydraulic system as a load is lifted.
- 2. Trigger sensor:** continuously monitors the boom position throughout the lift at numerous measurement locations, allowing calculated weights to be averaged out or rejected if outside tolerance levels.
- 3. Indicator:** Rite-Weigh Loader instrument mounted inside cabin within reach and sight of operator.
- 4. Slope compensation kit:** enables superior accuracy of weighing system when in use on sloping or uneven ground.
- 5. Printer (optional):** produce hard copies of data gathered by the Rite-Weigh Loader.
- 6. Data communications:** can be set to relay data to the administration for accounting purposes or for performance, productivity or stockpiling management.



## ■ BLUE TONGUE PRINTER

The 'BLUE TONGUE 2.0' is our newly updated printer - allowing you to produce hard copies of weight data.

It plugs directly into our indicators and has a range of updates which makes it more convenient to use.

It is more compact than other printers on the market and comes with a swivel mount, which makes it easier to mount in a range of locations in your machine cabin. The unit is hard-wired to your machine for power supply so you never need to change batteries.

The paper loading mechanism has also been improved and simplified on the Blue Tongue 2.0. Paper rolls can now be reloaded in a matter of seconds.

## ■ KEY FEATURES

- Serial inputs linked to indicator
- Low current draw whilst in standby and operation
- Operates in high temperatures
- Moisture resistance
- Long term reliability and operational life
- Thermal and ribbon options
- 12-24VDC power





## ■ SPECIFICATIONS

Type	Digital with microprocessor control				
Applications	Suitable for most skid steers, wheel loaders and telescopic forks				
Accuracy	Skid Steer and Wheel Loader $\pm 1\%$ of capacity (e.g. If lift capacity is 1000kg then accuracy is $\pm 10\text{kg}$ ) Telescopic Fork $\pm 1\text{-}2\%$ of capacity (e.g. If lift capacity is 1000kg then accuracy is $\pm 10\text{kg}$ to 20kg)				
Resolution	1, 2, 5, 10, 20, 50, 100, 200 (selectable to suit installation)				
Temperature	0°C to 40°C operating range				
Supply voltage	9v to 70v standard				
Supply current	Less than 200mA				
Housing:	Rating	Weatherproof (IP65)			
	Size	W:250mm, H:150mm, D:125mm			
	Material	Powder-coated aluminium case with stainless-steel bracket			
Display	10mm (H) x 32 digits supertwist alphanumeric LCD with extended temperature range				
Backlight	LED fibre-optic (where fitted)				
Warranty	12 months on instrument and sensors				
Fitting time	Typically eight hours				
Recalibration	Six monthly (recommended) 12 monthly (standard)				
Manufacture	100% Australian made				
Speed Compensation	Speed compensation trigger switch to enable variance between high-speed and low-speed (when fitted)				
Printer (optional)	Characters:	60mm plain paper			
	Supply:	20 per line			
	Current:	12VDC			
	Fields	16 to 60v with optional adapter			
		200mA standby			
		1A peak printing			
		Date, time, gross weight, net weight, tare, number of loads, total, grand total and customised header			

N.B. Not legal for trade use. Rite-Weigh Loader is fully expandable

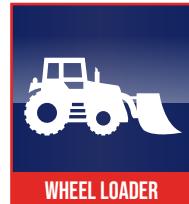
## ■ ORDER CODES



Order Code	Product
RWLOADERWL<5T	Below 5T
RWLOADERWLKIT	Kit only
<i>(optional)</i> BLUETONGUEPRINT	Printer



Order Code	Product
RWLOADERWL<5T	Below 5T
RWLOADERWL>5T	5T & above
RWLOADERWLKIT	Kit only
<i>(optional)</i> BLUETONGUEPRINT	Printer



Order Code	Product
RWLOADERWL<5T	Below 5T
RWLOADERWL>5T	5T & above
RWLOADERWLKIT	Kit only
<i>(optional)</i> BLUETONGUEPRINT	Printer



## ■ AWE - THE BEST IN THE BUSINESS

AWE has built a reputation in providing world class products and services to customers from a wide range of industries for many unique applications. All the products come with AWE Quality Guarantee- giving you the assurance that they have been tested to meet or exceed the specifications and requirements of your application.

At AWE, it's more than just delivering perfectly-designed equipment, it also requires a team of dedicated people who will back you up with great service and support. Any servicing, installation and technical support issues you encounter can be addressed either onsite or remotely by our engineers and tradesmen who are qualified as:

- Licensed Tradesmen
- Mechanical Engineers
- Electrical Engineers
- Structural Engineers
- Draftsmen
- Fitter & Turners
- Boilermakers
- Fully Qualified Scale Makers
- Electronic Technicians
- Instrument Fitters
- Electricians
- Service Technicians
- Project Managers
- Formworkers
- Concreters

Call AWE today. We will find the right solution for your individual needs.

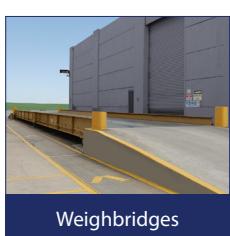


If you have  
questions about

- **weighing equipment**
- **packaging equipment**
- **bulk materials handling**
- **componentry**

call the sales team  
at *AWE Group*  
to find the right  
solution for your  
individual needs.

## ■ AWE PRODUCT RANGE



Weighbridges



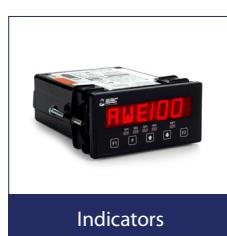
Load Cells



Scales



Crane Scales



Indicators



Packaging Equipment



Onboard Weighing



Batching Consoles



Test Weight



Maintenance



## ■ WHO IS “AUSTRALIAN WEIGHING EQUIPMENT GROUP”

Jeff & Trevor Baillie started Australian Weighing Equipment (or AWE) in 1981, focusing on weighing solutions based on engineering principles. Over 40 years, AWE has built its reputation as a leading supplier of robust weighing, packaging & bulk handling equipment. Our innovative engineering and continuous product developments have led to designs that will stand up to the rigours and demands of your applications.

AWE has increased its investment in manufacturing facilities with a new 3,200sq/m factory in Sydney featuring;

- A CNC Machine Shop
- Heavy Metal Fabrication Shop
- Larger work areas for our team of qualified tradesman

Acquisitions of Bradwood Packaging and Dendy Packaging and Design Engineering has increased our packaging and engineering experience.

In 2008, AWE established a manufacturing facility in China - AWE Group Packaging and Bulk Materials Handling Equipment, a purpose-built 5,000sq/m factory in Suzhou China (70kms From Shanghai).

All of the products we offer are Australian designed and manufactured under our strict quality control system in our own factories both locally and internationally.

## ■ AUSTRALIAN WEIGHING EQUIPMENT OFFICE LOCATIONS



### Australian Weighing Equipment - Sydney Office

8 Heald Road  
Ingleburn, NSW 2565



### Australian Weighing Equipment - Brisbane Office

7 Darnick Street  
Underwood, QLD 4119



### Australian Weighing Equipment - Melbourne Office

37 Barrie Road  
Tullamarine, VIC 3043



### Australian Weighing Equipment - Melbourne Office

27 Rhur Street  
Dandenong South, VIC 3175

## ■ AUSTRALIAN WEIGHING EQUIPMENT ON SOCIAL MEDIA



@AustralianWeighingEquipment



[www.awe.com.au](http://www.awe.com.au)



/company/awegroupaustralia



[www.youtube.com/AustWeighing](http://www.youtube.com/AustWeighing)



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Dealer's Information:

SCAN HERE



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