



**AUSTRALIAN
WEIGHING
EQUIPMENT**
Way ahead in Weighing

PRODUCT GUIDE

HERCULES LOAD CELL

Large capacity range, high accuracy
and ideal for wet and harsh
environment.





Hercules Weighbridge Load Cell

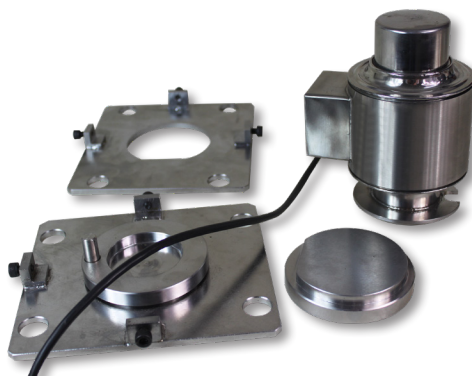
■ KEY FEATURES

- Works in all weather & environments
- Sealed for total water protection
 - IP67 certified
 - Hermetic seal
- Available in many capacities
- Lightning protected
- High overload protection
- Ideal for multiple load cell compression applications
- Low profile compact size
- Retro-fits in other brand load cell positions
- High performance
- Accurate even when working at 3° angle from vertical
- NMI approved 5638



■ APPLICATIONS

- Large capacity bins
- Rail bridges
- Silo weighing
- Weighbridges
- Hostile environments
- Shipping scales
- Inventory control by weight
- Filling & level control large capacities
- Batch weighing in hostile environments
- Scale / weighbridge conversions
- Heavy duty tank weighing systems
- Hopper weighing



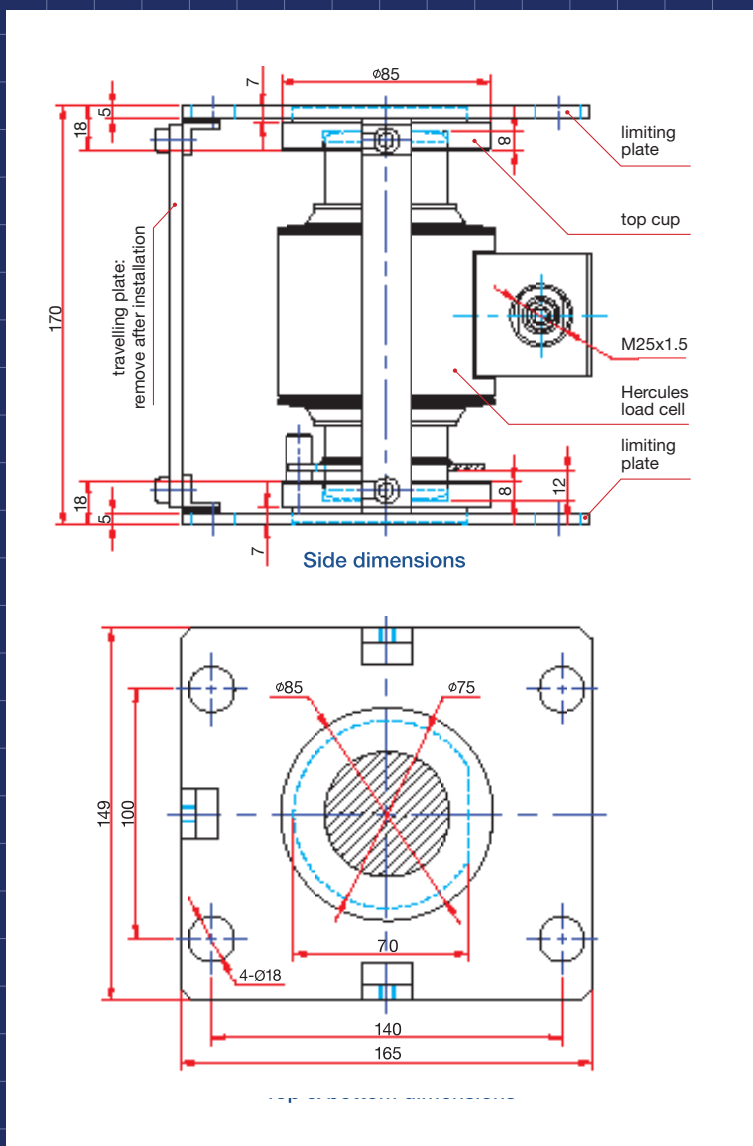
▶ Hercules Mounting Kit





Hercules Weighbridge Load Cell

DIMENSIONS



SPECIFICATIONS

Rated capacity	10,000kg, 20,000kg, 30,000kg, 50,000kg
Certification	NMI trade approved - NMI S638
Minimum dead load	250kg, 500kg
Output	2 mV/V
Nonlinearity	< ± 0.03% of full scale
Hysteresis	< ± 0.03% of full scale
Repeatability	< ± 0.01% of full scale
Creep (1 hour)	< ± 0.02% of full scale
Zero balance	< ± 1.00% of full scale

Temperature effect on zero	< 20 PPM/°C of applied load
Input resistance (Ω)	700± 10 Ohms
Output resistance (Ω)	700± 5 Ohms
Insulation resistance	≥ 5000 MOhms
Compensated temperature range	- 10 °C to +50 °C
Operating temperature range	- 20 °C to +60 °C
Safe overload	120% of capacity
Recommended excitation	10 VDC/AC
Maximum excitation	20 VDC/AC
Cable	Ø5.4mm x 15m



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Weighing Systems / Load Cell

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■ **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 carry qualifications 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.



If you have questions about

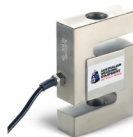
- **weighing equipment**
- **packaging equipment**
- **bulk materials handling**
- **componentry**

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

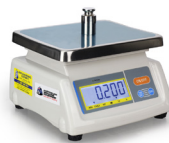
■ **AWE PRODUCT RANGE**



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. For nearly 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 which has

- 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.

■ LOCATIONS OF AUSTRALIAN WEIGHING EQUIPMENT



Australian Weighing
Equipment - Sydney Office

8 Heald Road
Ingleburn NSW 2565



Australian Weighing
Equipment - Melbourne Office

37 Barrie Road
Tullamarine, VIC, 3043



Australian Weighing
Equipment - Brisbane Office

7 Darnick Street
Underwood, QLD1 4119

■ AUSTRALIAN WEIGHING EQUIPMENT ON SOCIAL MEDIA



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/company/awegrouppaustralia



www.youtube.com/AustWeighing



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Dealer's Information:

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