



**AUSTRALIAN
WEIGHING
EQUIPMENT**
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AWE GROUP

PRECISION SYSTEM

The high accuracy Forklift Weighing System



SUITABLE FOR

➤ Forklift



➤ Reach Truck





Weighing Equipment / Onboard Weighing / **PRECISION WEIGHER**

About the Precision System

The Precision Onboard Weighing System is our highest accuracy weighing system, offering an amazing 0.1% accuracy of machine capacity.

It is designed to increase the efficiency of your business - the system captures the weight of a load as it is lifted, saving the operator performing secondary tasks of weighing goods on floor scales or a weighbridge.

The solid state design is virtually maintenance-free with no moving parts, hydraulics or electromechanical devices to service, and is built tough to withstand the rigours of your applications.

The Precision System is suitable for forklifts and reach trucks, and you can add peripheral devices such as printers to customise the weigher to suit your business needs.

Enjoy the benefits of fitting this onboard scale offers to your work place, including;

- ▶ Improve efficiency by eliminating that extra trip to the floor scales or weighbridge
- ▶ Weigh and record data in one swift and clean motion
- ▶ Check incoming/outgoing goods
- ▶ Avoid fines for overloading trucks and utes.

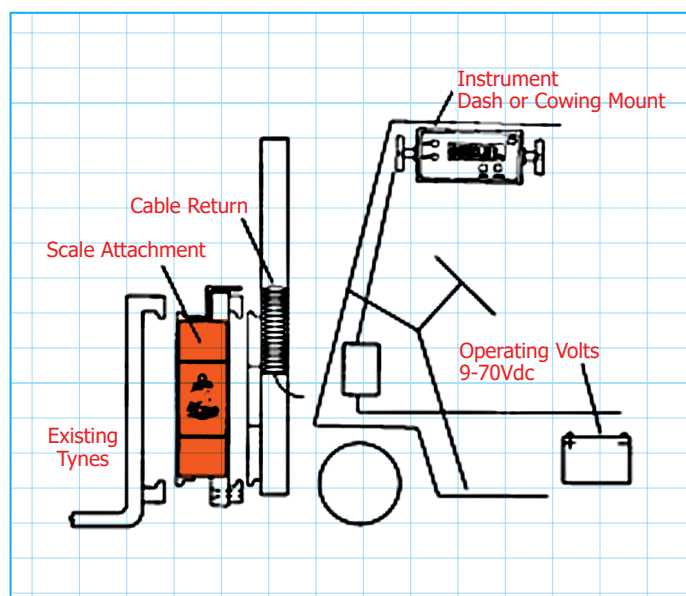
**Ultimate
Accuracy
on the go**



How it works

The Precision Weigher is a large plate with load cells built into it. Installation of the scale involves removing the existing forks from the carriage, placing the Precision Weigher on the carriage and then refitting the forks to the front of the scale. (the orange section on the main image on the front page)

A digital weight indicator is then mounted within easy reach and sight of the machine operator.



Features

- ▶ High accuracy up to +/-0.1%
- ▶ Load capacity 1000-2500Kg (Class II)
- ▶ Huge front-loading safety factor
- ▶ Industrial quality machined steel & measuring devices (load cells)
- ▶ Fits all Class II cleated carriages
- ▶ Factory calibrated under strict quality controls
- ▶ Electronic scale and indicator
- ▶ Built-in overload alarm
- ▶ Wireless carriage (option), eliminates damage to coiled and cable weighing instruments
- ▶ Easy to use with operator-friendly buttons
- ▶ Industrial shock mounting
- ▶ Easy install & retrofitting to new forklifts
- ▶ Forklift operator easy-view to tynes



/ PRECISION WEIGHER

Precision System Specifications

Type	Digital
Compatibility	Suits all class II forklifts with cleat or hook carriage
Capacity	1000-2500kg (Class II)
Finish	Painted (auto grade)
Durability	Armour plated, overload protected
Accuracy	±0.1% of capacity
Dimensions	1000(w) x 410(h) x 100 (thk). Other widths to order
Safety factor	400% of capacity (all directions)
Weight	280kg
Load Centre Loss	Derate lift capacity 8% (Nominal)
Fitting time	Four (4) hours typically
Options	Heat shield, quick fit couplings, pattern variations
Instrument	Digital
Style	Microprocessor based, digital display
Display	20mm hi-temp liquid crystal (LCD)
Mounting	Universal, rubber shock mounting
Response	Within 1 sec.
Accuracy	0.05% of range
Power	9Vdc - 70Vdc
Environmental	Gasketed, watertight construction, shock proof
Features	On-off, zero/tare, hold, overload alarm, damping conditioner, zero tracking
Options	Totalising, counting, printing, radio link, tare entry



Lift Truck Questionnaire: Hook-Type Fork Mounting (Cleat-Type)

Drawing indicates view from front

A	
B	
C	
D	
E	
F	
G	
H*	
I*	

* These dimensions do not exist on some carriages

Truck Make: _____ Model: _____

Capacity: _____ Petrol ☐ Diesel ☐ Gas ☐ Electric ☐

Voltage: 12VDC _____ 24VDC _____ 36VDC _____ 48VDC _____ Other _____



Maximum Lifting Height: _____ Fork Length: _____

Side Shift: Yes _____ No _____ Other Attachments: _____



Weighing Equipment / Onboard Weighing
/ PRECISION WEAVER

Precision System Order Codes

■ Forklift

 	PRECISION<3T	Below 3T	<ul style="list-style-type: none"> ▶ Precision system digital weight gauge ▶ Purpose built for this application ▶ Highest accuracy available for forklift trucks ▶ +/- 0.1% accuracy of forklift capacity ▶ Internally reeved cabling ▶ 8 hour fitting time on site ▶ Digital LCD type gauge display ▶ Front carriage attachment fitted with load cell ▶ De-rates reach truck forklift capacity by approx 8% ▶ Wide range power supply designed for mobile equipment - 9Vdc to 70Vdc
	BLUETONGUEPRINT	Printer	

■ Reach Truck

 	PRECISION<3T	Below 3T	<ul style="list-style-type: none"> ▶ Precision system digital weight gauge ▶ Purpose built for this application ▶ Highest accuracy available for reach truck trucks ▶ +/- 0.1% accuracy of reach truck capacity ▶ Internally reeved cabling ▶ 8 hour fitting time on site ▶ Digital LCD type gauge display ▶ Front carriage attachment fitted with load cell ▶ De-rates reach truck forklift capacity by approx 8% ▶ Wide range power supply designed for mobile equipment - 9Vdc to 70Vdc
	BLUETONGUEPRINT	Printer	



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AWE - The Best in the Business

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

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. We will find the right solution for your individual needs.



If you have questions about

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

then 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 Weights



Maintenance