

ACCUWEIGH WEIGHBRIDGES

MADE TO ORDER - BUILT TO LAST



Chain of Responsibility
Solutions Providers

DESIGN STYLES

- Above Ground Foundations
- Semi Pit Foundations
- Fully Inground Foundations
- Relocatable Foundations
- Fully Portable Steel Construction
- Multiple Deck Combinations Available
- Rail and Road/Rail Construction

CONSTRUCTION MATERIAL FINISHES

- Concrete/Galvanised Steel Deck Construction
- Full Steel Deck Construction Available
- Full Electronic Operation

FEATURES

- Complete Installation from Start to Finish
- Available in Kit Form for Client Construction/Installation
- Large Range of Deck Sizes Available
- Hot-Dipped Galvanised as Standard
- Total Loadcell Capacity Ensuring No Overloading for Static or Dynamic Loading
- Engineering Report Available to Confirm Weighbridge Design Capability
- Construction and Installation which Allows Total Relocation if Required
- Loadcell with IP68 Environment Rating
- Comprehensive Range of Peripherals for Site Integration and Security
- Ex Stock Delivery



ACCUWEIGH 
BY DIVERSECO

Australian-made, high-quality,
and precise weighing solutions.

AXLE WEIGHBRIDGES

Ideal for weighing single axle groups through split-weighing to ensure compliance with transport legislation.



ABOVE-GROUND, FULL-LENGTH WEIGHBRIDGES

Accessed by ramps at each end, these weighbridges are the most commonly installed in Australia.



SEMI-PIT WEIGHBRIDGES*

Semi-Pit Weighbridges are installed with the weighing surface mounted at ground level. Side access for servicing is still available.



FULLY-INGROUND WEIGHBRIDGES*

The entire Weighbridge is below ground making the weighing surface at ground level.



*AXLE CHECK 9000E

The Axle Check 9000E In-Motion System has been specifically developed to offer

customers with new or existing ground-level weighing infrastructure a cost effective way of meeting demanding Chain of Responsibility (COR) requirements. In short, the Axle Check 9000E weighing terminal converts any full-length, ground-level weighbridge in to an axle weighbridge as well through the clever use of software.

Unlike other in-motion systems that require the installation of special weighing devices (and therefore an additional process), this system has been created to work in conjunction with all existing aspects of the site. From utilising the existing site weighbridge hardware through to using current procedures when departing the site to make the system virtually invisible during the data collection process.

Axle Check 9000E is ideal for detecting overloading of vehicles and therefore is an effective prevention against fines for both axle and total load infringements.

Fleet operators also find the Axle Check 9000E useful for the prevention of under loading, therefore encouraging plant operators to improve efficiencies by maximising payloads.

In eliminating overloading, the Axle Check 9000E can also deliver improved site safety which can have a positive impact for insurance purposes.

The Axle Check 9000E's functionality is only possible because of the use of AccuWeigh's powerful IT9000E weighing terminal which is fast, accurate and fully programmable.



ACCUWEIGH 
BY DIVERSECO

Australian-made, high-quality,
and precise weighing solutions.

MULTI-DECK WEIGHBRIDGES

Ideal for weighing truck and trailers separately or for weighing individual axle groups. Numerous deck combinations are available.



DIGITAL WEIGHBRIDGES

Utilising the latest in load cell weighing technology for easy servicing and diagnostic review.



RELOCATABLE STEEL-DECK WEIGHBRIDGES

Light-weight for easy relocation for temporary sites or short-life projects.



RAIL WEIGHBRIDGES

Rail Weighbridges are ideal for weighing rail locomotives and wagons.



WEIGHBRIDGE STRUCTURAL ACCESSORIES

AccuWeigh can supply all necessary weighbridge structural accessories to meet Work Health and Safety requirements.



Ladder

Inspection Platform

Bollards

Speed Hump

Full-Length Walkway
(Level with Side Wall or
Level with Deck)

PUBLIC WEIGHBRIDGES

Public Weighbridges are robust weighbridge installations capable of trading directly with the public.



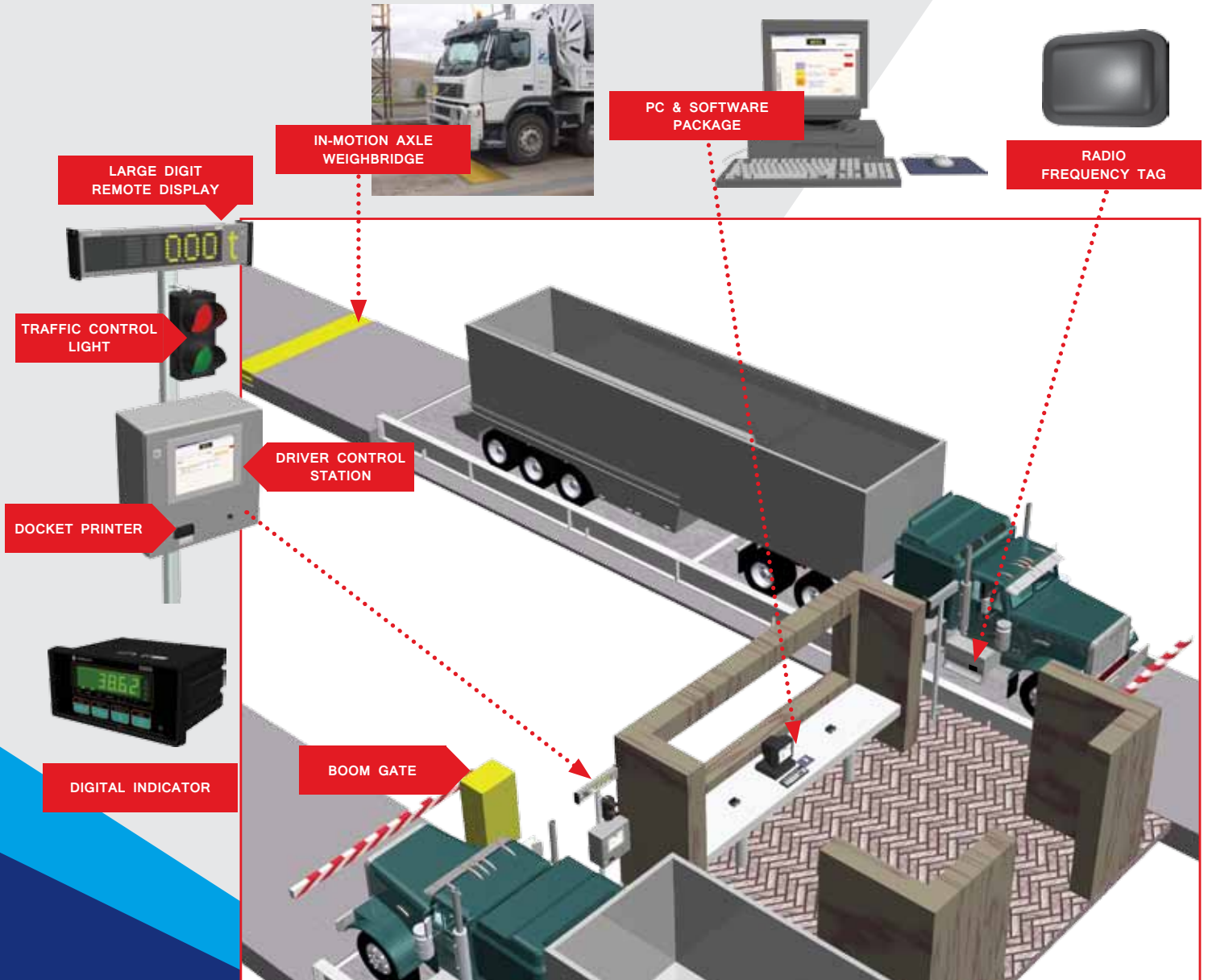
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OPTIONAL ACCESSORIES

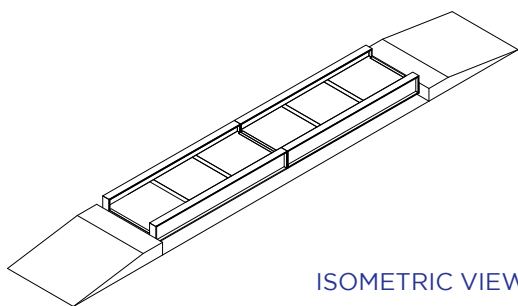
- Large Remote Indicators
- Computer and Software Packages
- Driver Data Entry Stations
- Ticket Printers
- Boom Gates
- Electronic Identification Systems
- Photoelectric Sensors
- Personal Digital Assistants
- Traffic Control Lights
- Mesh Walkways and Stairs
- Mounting Posts and Enclosures
- Automation Options
- Anti-Fraud Features
- Brochures Available on All Options



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ACCUWEIGH ABOVE GROUND WEIGHBRIDGES



ISOMETRIC VIEW



Chain of Responsibility
Solutions Providers

FEATURES

- Steel Cross-Sections at Approximately 3m Spacings
- Designed for Minimal Concrete Cracking
- Engineering Report on Design Available
- Designed for Long-Term Performance
- Available in Standard 3m or 3.5m Widths
- Custom Widths Available
- Available in Kit Form, If Required
- Fully Hot-Dipped Galvanised

ACCUWEIGH



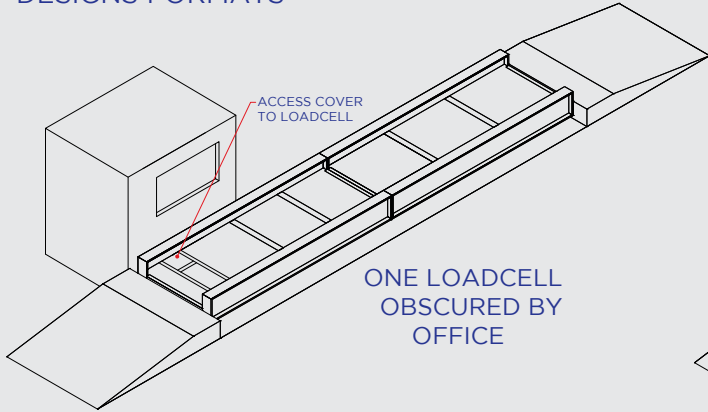
BY DIVERSECO

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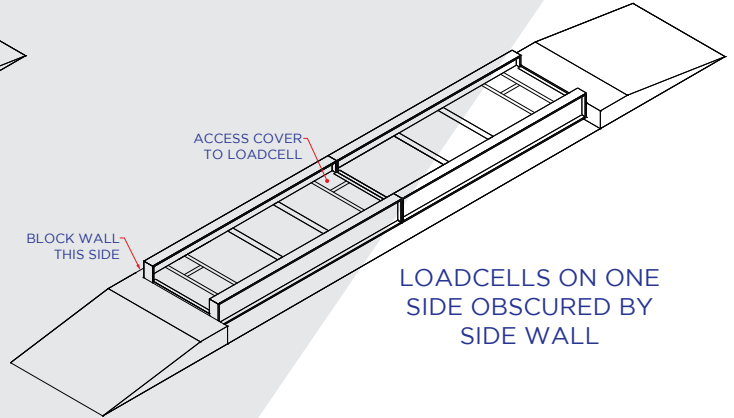
- Australia's Largest Weighbridge Supplier - 100+ Weighbridges Sold Each Year
- A True National Company with Branches and Service Centres in All States
- 100% Australian-Owned and Operated Company, Profits Stay in Australia

- ISO 9001 Company Ensuring a Quality Product and Professional Service
- Experienced Weighbridge Service Crews in All States
- Trade-Approved, Designed for Australia's Harsh Environment
- Proven Design Over Many Installations

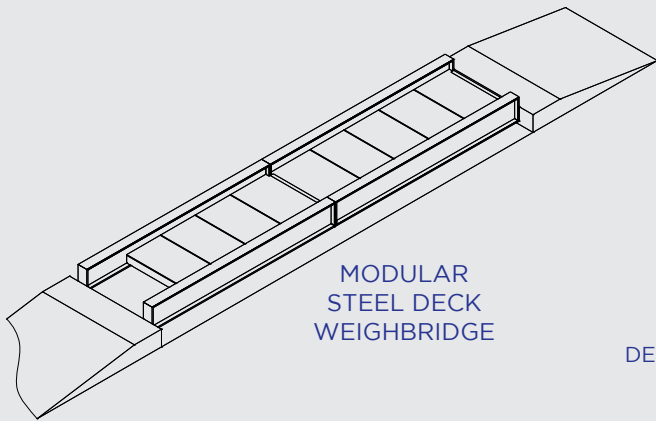
DESIGNS FORMATS



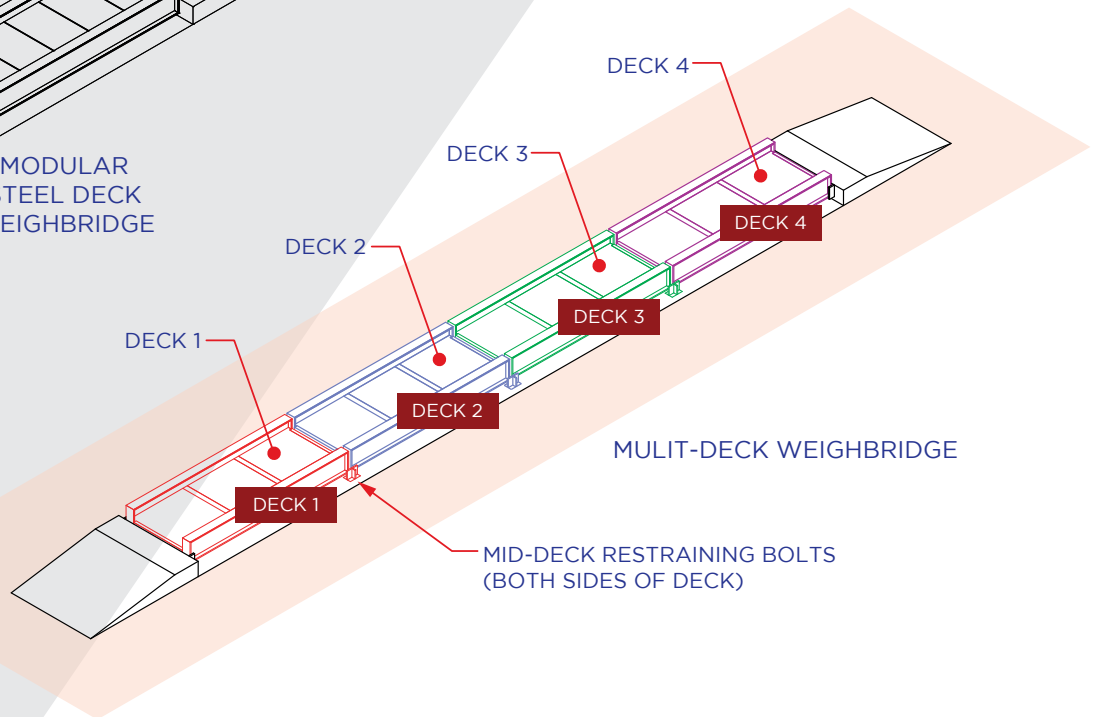
ONE LOADCELL
OBSCURED BY
OFFICE



LOADCELLS ON ONE
SIDE OBSCURED BY
SIDE WALL



MODULAR
STEEL DECK
WEIGHBRIDGE

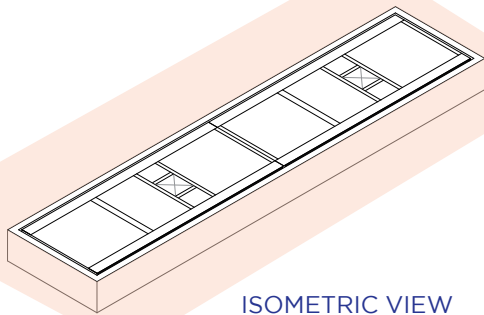


MULTI-DECK WEIGHBRIDGE

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ACCUWEIGH FULLY INGROUND WEIGHBRIDGES



ISOMETRIC VIEW



FEATURES

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- Custom Widths Available
- Available in Kit Form, If Required
- Fully Hot-Dipped Galvanised

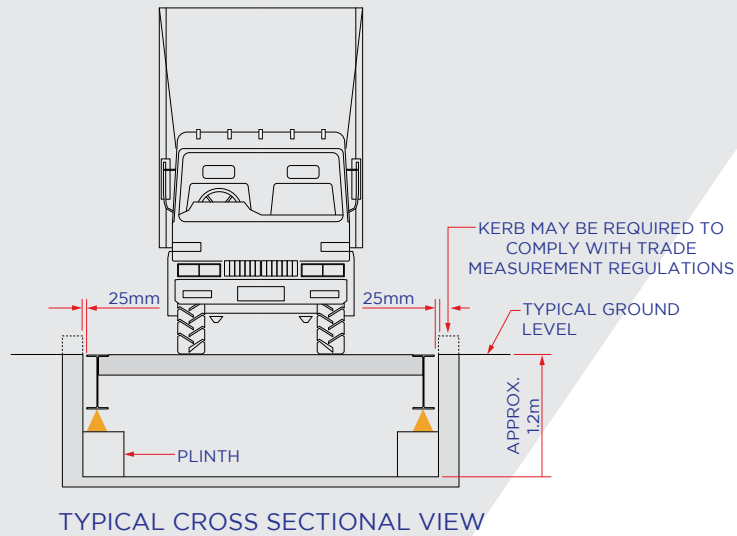
 Chain of Responsibility
Solutions Providers

ACCUWEIGH 

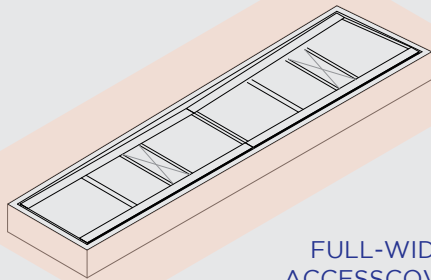
BY DIVERSECO

Australian-made, high-quality,
and precise weighing solutions.

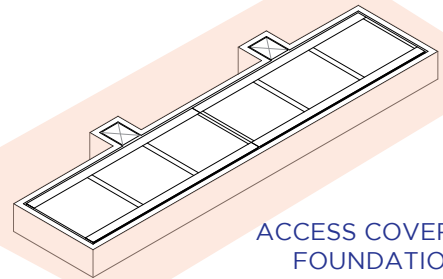
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- ISO 9001 Company Ensuring a Quality Product and Professional Service
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- Trade-Approved, Designed for Australia's Harsh Environment
- Proven Design Over Many Installations



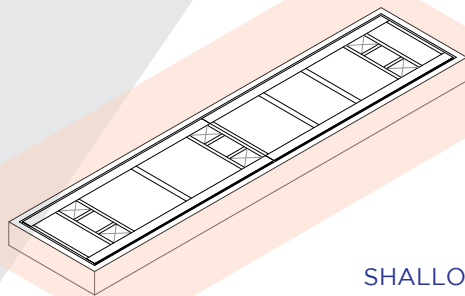
DESIGNS FORMATS



FULL-WIDTH
ACCESSCOVERS



ACCESS COVERS IN
FOUNDATION

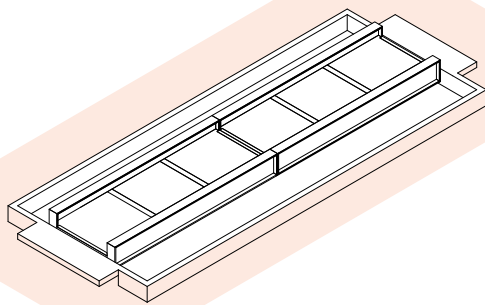


SHALLOW PIT
(800mm DEEP)

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ACCUWEIGH SEMI-PIT WEIGHBRIDGES



ISOMETRIC VIEW



FEATURES

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- Engineering Report on Design Available
- Designed for Long-Term Performance
- Available in Standard 3m or 3.5m Widths
- Custom Widths Available
- Available in Kit Form, If Required
- Fully Hot-Dipped Galvanised



Chain of Responsibility
Solutions Providers

ACCUWEIGH

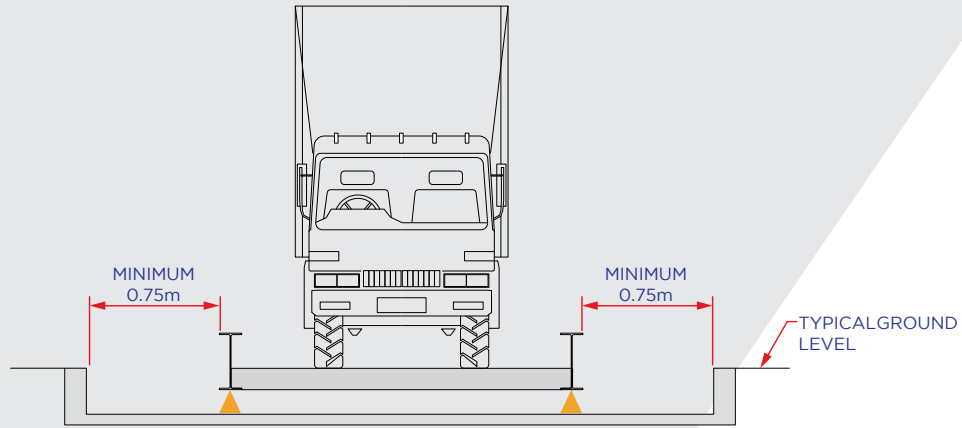


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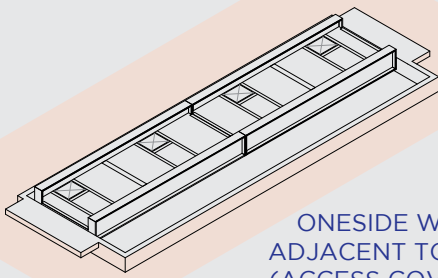
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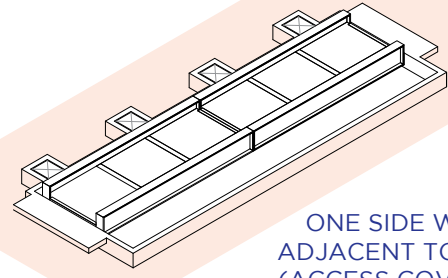


TYPICAL CROSS-SECTIONAL VIEW

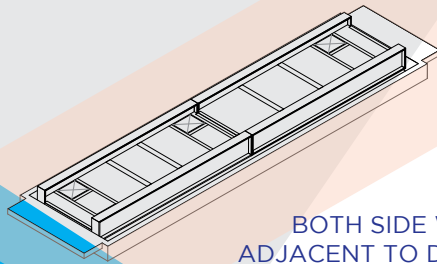
DESIGNS FORMAT ALTERNATIVES



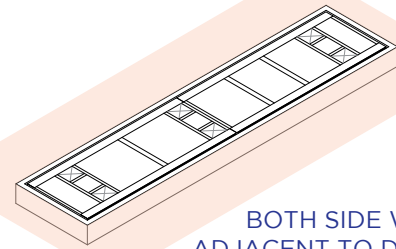
ONESIDE WALL
ADJACENT TO DECK
(ACCESS COVERS IN
DECK)



ONE SIDE WALL
ADJACENT TO DECK
(ACCESS COVERS IN
FOUNDATION)



BOTH SIDE WALLS
ADJACENT TO DECK (MAIN
BEAMS PARTIALLY ABOVE
GROUND LEVEL)



BOTH SIDE WALLS
ADJACENT TO DECK (MAIN
BEAMS BELOW GROUND
LEVEL)

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Diverseco
 Measurement & Automation



ACCUWEIGH RELOCATABLE STEEL-DECK WEIGHBRIDGES

For Chain of Responsibility and temporary sites



ABOVE-GROUND

SOLUTION PROVIDERS FOR
CHAIN OF RESPONSIBILITY



HIGHLIGHTS

- { Modular Design for Various Deck Lengths
- { All-Steel Deck Construction
- { Full-Capacity Weighbridge Load Cells
- { Designed for Mid-Term Performance
- { Available in Standard 3m Width
- { Suitable for Existing Sites
- { Available in Kit Form, If Required
- { Fully Hot-Dipped Galvanised

AUSTRALIA'S LARGEST AND MOST EXPERIENCED WEIGHBRIDGE MANUFACTURER

- { Diverseco are a true national company with branches and service agents across all states.
- { 100% Australian-owned and operated company. Profits stay in Australia.
- { Experienced weighbridge service and calibration technicians available across all states.
- { Trade-approved and designed for Australia's harshest environments.



MULTIPLE DECK



FULLY IN-GROUND

ACCUWEIGH 

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Diverseco 
Measurement & Automation

ACCUWEIGH WEIGHBRIDGES

FOR THE WASTE INDUSTRY



DESIGN STYLES:

- Above Ground Foundations
- Fully Inground Foundations
- Semi Pit Foundations
- Multiple Deck Combinations Available

DESIGNS TO SUIT ALL APPLICATIONS AND SITES

CONSTRUCTION MATERIAL FINISHES:

- Concrete/Galvanised Steel Deck Construction
- Full Steel Deck Construction Available
- Full Electronic Operation



FEATURES:

- Complete Installation from Start to Finish
- Large Range of Deck Sizes Available
- Hot-Dipped Galvanised as Standard
- Total Loadcell Capacity Ensuring No Overloading for Static or Dynamic Loading
- Engineering Report Available to Confirm Weighbridge Design Capability
- Load Cell with IP68 Environment Rating
- Comprehensive Range of Peripherals for Site Integration and security
- Australian-made for Australian Conditions
- Ex Stock Delivery



Chain of Responsibility
Solutions Providers

ACCUWEIGH

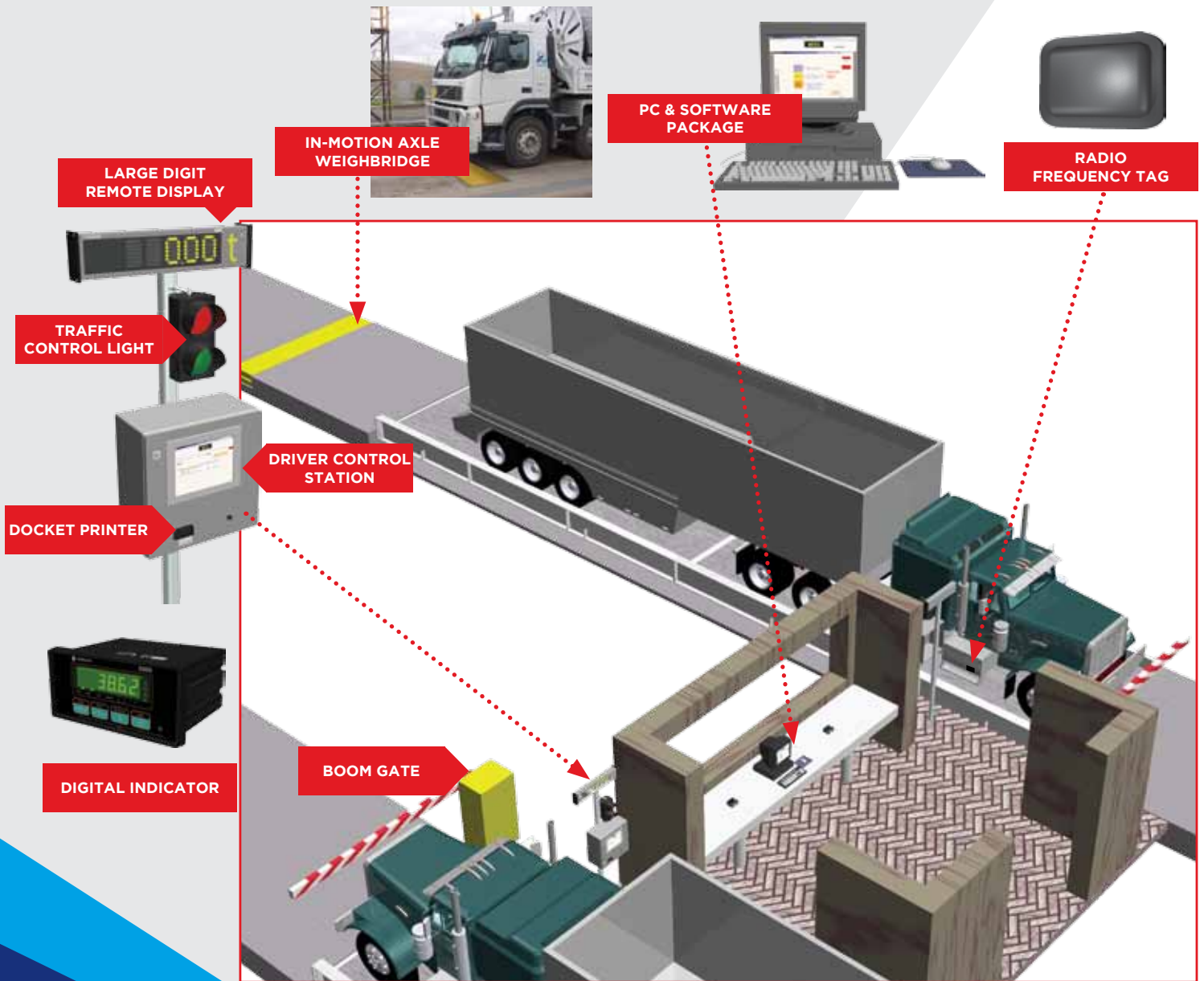


BY DIVERSECO

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OPTIONAL ACCESSORIES

- Large Remote Indicators
- Computer and Software Packages
- Driver Data Entry Stations
- Ticket Printers
- Boom Gates
- Electronic Identification Systems
- Photoelectric Sensors
- Personal Digital Assistants
- Traffic Control Lights
- Mesh Walkways and Stairs
- Mounting Posts and Enclosures
- Automation Options
- Anti-Fraud Features
- Brochures Available on All Options



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ACCUWEIGH AXLE WEIGHERS

WEIGHBRIDGE-STYLE



FULLY IN-GROUND DESIGN

FEATURES

- Most of the Benefits and Features of a Full-Length Weighbridge
- Typically 4m Long by 3m Wide (Other Sizes Available)
- Trade Approved (Vehicle Approaches to Meet Trade Measurement Authority Requirements)
- Typically 30t Capacity (Other Capacities Available)
- Full Range of Peripherals to Capture Axle Weights and Integrate with Existing Site Systems

ACCUWEIGH 

BY DIVERSECO

Australian-made, high-quality,
and precise weighing solutions.



OPTIONS

Large-digit remote display for high-visibility reading of the weight.
Large choice of display types (LCD, LED, Electro-Mechanical) and display sizes.

PC with Software Package integrated to the Weighing System to produce axle breakdowns, ticketing, reports, etc.



Axle Weighing Remote Display that sums the axles as they are weighed. The display is a 75mm LCD that alternates between displaying the current axle weight and the total.



Please feel welcome to view our Standard Axle-Weigher Remote Display Operation Instructions for a complete understanding of the Remote Display's principle of operations.



SEMI-PIT DESIGN

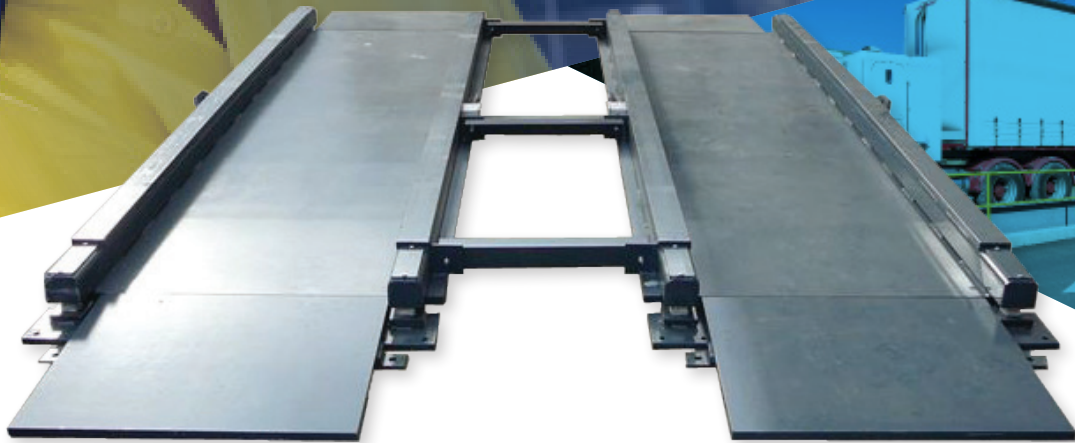
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ACCUWEIGH LPAX-30

Drop-Centre Low Profile Axle Weigher



Specifically designed for weighing axle groups, Diverseco's Accuweigh low profile axle weighers (LPAX) are modular, lightweight, easily transportable and fully portable weighing devices with a 30 tonne capacity.

Installed as a stand-alone unit up to 65mm above ground, or in a 65mm shallow recess, weighing occurs on two 3.6m long tracks that enable the weight of each axle group to be captured efficiently. Because they sit almost flush with the ground, LPAX weighers provide accurate readings.

LPAX weighers are designed to be used on a flat concrete hardstand or on an area when the land has been suitably compacted.

The LPAX weighs about 1.25 tonnes per wheel track and can be moved with just a fork lift. For this reason, their portability is one of their major drawcards.

FEATURES

- { Solid Full-Load Cell Design
- { Total Capacity Up to 30 tonne
- { Battery Operated Indicator
- { Steel Ramps
- { Twin Platforms
- { Each Platform is 900mm x 3,600mm
- { Weighing Surface 65mm High
- { No Installation Required
- { Factory Calibrated

offices in every state | 1300 069 970 | diverseco.com.au

ACCUWEIGH WEIGH IN MOTION WEIGHBRIDGES

For Chain of Responsibility and site optimisation

Accuweigh Weigh-in-motion (WIM) weighbridges by Diverseco are ideal for the Transport Industry, Waste Industry, Forestry Industry, Demolition and Excavation Industry, Marine and Ports, etc. Manufactured in Australia by our own in-house fabricators, our WIMs represent Australia best.

OVERLOAD PREVENTION

WIMs are ideal for detecting overloading of vehicles and are an effective preventative measure against CoR infringement fines for both axle and total load non-compliance.



FLEET OPERATION OPTIMISATION

Fleet operators find WIMs useful in the prevention of underloading, encouraging plant operators to improve efficiencies by maximising payloads. The accuracy of these systems allow you to reliably optimise your payloads.

PERIPHERAL EQUIPMENT

Our WIMs are capable of being integrated with any control barriers, traffic lights, signs and cameras to meet the most demanding of applications.

ACCUWEIGH 

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Australian-made, high-quality,
and precise weighing solutions.

SPECIFICATIONS

DECK STRUCTURE

Standard: 3000mm x 730mm x 240mm

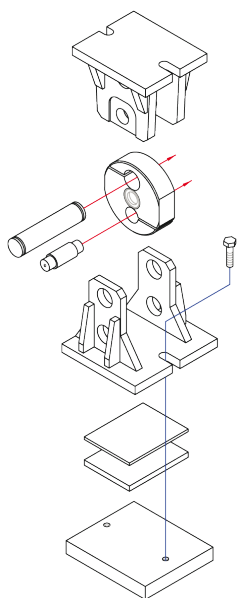
Special sizes and dual platforms available on request

Capacities: 25,000kg / Heavy Duty 40,000kg

Surround Frame: 3,252mm x 902mm x 350mm

WEIGHT

| Standard | Heavy-Duty | Steel Pit Frame |
|----------|------------|-----------------|
| 860kg | 890kg | 340kg |



LOADCELLS

4 x 10,000kg standard or heavy duty stainless steel fully welded cells are each fitted into a unique tension mounting assembly. Assemblies are powder coated cast iron with stainless steel load pins.

LOADCELL DESIGN

INSTRUMENTATION

- Stainless steel enclosure with IP-65 protection
- Alphanumeric keyboard and display
- 4 x outputs selectable from 20mA Current Loop, RS-232, RS-422, or RS-485
- Display increment 10kg
- Over speed and over weight
- Full fault diagnostics display

Optional:

- Ethernet
- DeviceNET
- ProfiBUS DP
- PC Keyboard
- Detection of direction of travel

OPERATING SPEED

0 to 15kph restricted to 5kph for Law Enforcement and Legal Axle Loading Applications.

ACCURACY

Static: ± 5 kg to 5,000kg

Static: ± 10 kg to 20,000kg

Dynamic: $\pm 1\%$ (site dependent)

MISCELLANEOUS

Operating Temperature: -10°C to $+60^{\circ}\text{C}$ Safe

Safe Overload Rating: 150%

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WEIGHBRIDGE SERVICING, CALIBRATION & CERTIFICATION



Chain of Responsibility
Solutions Providers

BREAKDOWN SERVICING

Weighbridges provides us with wonderful, cost-effective, and time-saving productivity - when they work! As always, any piece of equipment, when used continuously or for long enough, will break down and require repair.

There is one company that stands out above the rest with expertise, professionalism, spare parts access, and qualifications. And that company is Diverseco. Diverseco has the ability to service a broad range of equipment, brands, and models, not just the brands we regularly sell.

Down-time is an important issue when a breakdown occurs. If down-time means lost money, then you need to have a repair effected quickly. Consider the following:

- We are the largest company in our industry, with a true national coverage.
- We have fully-staffed Service Departments in all states with service personnel that can respond to your service call promptly.
- Because of our size, we are able to stock a large range of spare parts on our shelves. This means we may well have the necessary parts to effect a repair without having to order them from the manufacturer of the equipment.
- An effective repair can only be made by an effective service person. AccuWeigh conducts vigorous, structured training to ensure our service personnel are both competent and effective on site.

So why not give us a try next time your business experiences a breakdown?



**NATIONAL
COVERAGE -
FULLY-TRAINED
TECHNICIANS**



MAINTENANCE PROGRAMS

Many of our existing Customers agree to regular, scheduled service visits to keep their weighbridges in good working order and performing accurately. We call this system of service visits a Maintenance Program.

The current industry standard is two to four visits per annum depending on the usage of the weighbridge (when considering the loads being applied as well as the frequency of use). A standard Diverseco maintenance program includes minor adjustments, minor repairs, inspection, cleaning and greasing of all moving parts, a written service report, a detailed calibration report and calibration stickers placed on all applicable devices.

Maintenance Programs are often very competitively priced. Why? Mainly because of the two following reasons:

- We are able to plan visits in advance as they are scheduled, unlike breakdown visits that can rarely be planned. Since we are able to plan visits, we can tie the visit in with other work in the area. By sharing a trip with other work in the area, we can share the cost of the visit, so the cost to each Customer is reduced (as opposed to a single, special visit).
- We want to encourage our Customers to consider regular, preventative maintenance to be conducted on their equipment. We prefer to keep equipment in good, working order rather than have it neglected. Neglected equipment often means a more expensive and involved repair when the equipment eventually breaks down.

Please feel free to contact our Operations Managers in the branch nearest to you for a site visit or quotation. The scheduled visits can be yearly, half-yearly, quarterly, or as often as you require.





AFTER-SALES SERVICE

To many of our existing Customers, it is reassuring to know that the same company that sold them a weighbridge can also service that weighbridge at any time in the future.

Our experience shows that this ability to provide an after-sales service is what many potential Customers demand first before considering a purchase of any equipment. We agree. Before purchasing any equipment, ask yourself this, "Can the company provide you with the ability to service your product long after the warranty period has expired?" With Diverseco you can answer this question with, "Yes!"

At Diverseco, we pride ourselves on our ability to be able to provide after-sales service. Whether it be a weighbridge or just the peripheral equipment associated with the weighbridge, we are able to provide our clients with technical support, preventative maintenance, and breakdown repairs.

AFTER-HOURS SERVICING

Equipment typically breaks down while it is being used. This presents a problem if breakdown occurs towards the end of the day, after hours, or on a weekend. You need a service provider that is flexible to meet your service needs.

Diverseco is quite happy to provide an after-hours breakdown service to our Customers because we understand that lost down-time can mean lost income. And if our Customers aren't happy, we aren't happy.

For your reference, our standard working hours are 7:30am to 4:00pm, Monday to Friday.



CALIBRATION SERVICING

Diverseco is licensed by Trade Measurement Authorities in all states to certify trade instruments.

This means our range of test masses are traceable back to national secondary standards. All our test masses are accurate and have their own Certificate of Verification, a copy of which can be made available upon request.

We also have a fleet of Weighbridge Test Rig Units that run across the width and breadth of the country performing weighbridge calibrations and certifications. The Rigs fully comply with Trade Measurement requirements.

Whether you have a trade or non-trade instrument, we are able to test and calibrate a wide range of weighing equipment and issue an Inspection and Test Report showing the final accuracy upon completion. If trade-approved, we also issue the Certification Form for the Trade Measurement Authority.



DIVERSECO IS A TRUE NATIONAL COMPANY

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ACCUWEIGH WEIGHBRIDGE SOFTWARE



Introducing

TicketAid

DESCRIPTION

TicketAid is a range of feature-rich weighbridge software packages designed to meet the needs of most weighbridge sites, large or small.

The software seamlessly communicates with the weighbridge and clearly displays information to the weighbridge operator for the purpose of producing useful data for ticket generation, reports and statistical analysis, customer relationship management, invoicing, file exporting and archiving.

When used with a Driver Control Station, the software works as an “unmanned” system, interacting directly with the vehicle driver.

CUSTOMISED PACKAGES

If a particular software package doesn't have all the right features you need, then ofcourse we can customise the software to suit your exact application, including interfacing with your site's hardware and existing systems.

ACCUWEIGH

BY DIVERSECO

Australian-made, high-quality,
and precise weighing solutions.





TAX INVOICE
 Ticket No.: 6
 AASoftware
 Demo 43 009 698 727
 ABN:
 Time In: 6/09/2009 12:51:31 PM
 Time Out: 6/09/2009 12:59:48 PM
 Customer: Greenstreek Landscaping
 Truck Rego: 781EM1
 Product: Bluemetal Crusher Dust
 Rate: \$10.00 per tonne
 ===== Measure =====
 Total Tare: 14.64t
 Total Gross: 20.28t
 Total Net: 5.64t
 =====
 Total Price: \$74.45
 Total GST: \$6.77
 Total Levy: Including Levy
 Signature:

SAMPLE TICKET

SCREEN SHOTS



OPTIONAL TOUCH-SCREEN DRIVER CONTROL STATION WITH TICKETAID PRO+

| TICKET AID PRODUCT RANGE | | TICKET AID | TICKET AID+ | TICKET AID PRO | TICKET AID PRO+ | TICKET AID PRO+ FORESTRY | TICKET AID PRO+ MULTI-SITE | TICKET AID PRO+ AXLE WEIGHER | TICKET AID PRO+ COUNCIL |
|--|-------------------|------------|-------------|----------------|-----------------|--------------------------|----------------------------|------------------------------|-------------------------|
| Unrestricted Database Support for: | Vehicle | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Source | | | | | ✓ | | | ✓ |
| | Product | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Customer | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Customer Category | | | | | | | | ✓ |
| | Driver | | | | ✓ | | ✓ | ✓ | |
| | Trailer | | | | ✓ | | ✓ | ✓ | |
| | Owner | | | | | ✓ | | | |
| | Destination | | | | | | | | ✓ |
| Split Weighing Functionality | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Manual Weighing Functionality | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Standard Driver Control Station Supported | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Customise Reports by: | Product | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Date | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Customer | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Vehicle | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Source | | | | | ✓ | | | ✓ |
| | Destination | | | | | | | | ✓ |
| | Owner | | | | | ✓ | | | |
| | Driver | | | | ✓ | | ✓ | ✓ | |
| | Trailer | | | | ✓ | | ✓ | | |
| Functionality for Saving the Report Layout | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Data Linking | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Ticket Generation | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Customise Ticket Layout | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Printer Selection Functionality | | | | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Security Log In | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Contract Functionality | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Cartage Note Number Support | | | | | | ✓ | | | |
| Length and Number of Logs Support | | | | | | ✓ | | | |
| Source ID Support | | | | | | ✓ | | | ✓ |
| Multi-Site Transaction | | | | | | | ✓ | | |
| Payment Method (EFTPOS, Cash, Account) | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

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ACCUWEIGH WEIGHBRIDGE ACCESSORIES

MADE TO ORDER - BUILT TO LAST



DESCRIPTION

Diverseco is Australia's largest supplier of weighbridges and, as a consequence, Australia's largest supplier of weighbridge accessories. Our range of accessories is comprehensive. Many Site Engineers and Production Managers may be unaware of our complete range so please feel welcome to contact our nearest branch to see what's available and how the right mix of weighbridge accessories can boost your site's performance, safety and efficiency.

OPTIONS

- Boom Gates & Site Security
- Electronic Identification Systems
- Traffic Control Lights
- Driver Control Stations
- Remote Displays and Scoreboards
- Summing Units and Axle Group Determination
- Photo-Electric Cells
- Speed Humps
- Steel Structures such as Walkways, Stairs, Hand Railings, Bollards and Driver Landings
- Wheel and Tyre Washers and Baths

 Chain of Responsibility
Solutions Providers

ACCUWEIGH 

BY DIVERSECO

Australian-made, high-quality,
and precise weighing solutions.



BOOM GATES & SITE SECURITY

Ideal for managing traffic access and traffic flow on site, boom gates can be operated manually using an on/off switch or controlled automatically with an automated system integrated with the weighbridge.



ELECTRONIC IDENTIFICATION SYSTEMS

Electronic Identification Systems are used to uniquely identify vehicles or people and prevent fraudulent use of an automated weighbridge system. Options include personal radio frequency tags, rego recognition cameras and software, and more.



TRAFFIC LIGHTS

Ideal for regulating traffic on site and communicating to drivers when access to the weighbridge is permitted.



DRIVER CONTROL STATIONS

Ideal for use with unmanned weighbridge operations (such as with remote locations) or for 24 hour sites.



REMOTE DISPLAYS & SCOREBOARDS

Ideal for displaying weight readings to the driver as a courtesy as well as displaying alpha-numeric messages to drivers such as site destination details.



PHOTO-ELECTRIC CELLS

Used to detect the presence of a vehicle at an unmanned, automatic weighbridge or to confirm that axle positions are correct on a multiple-deck weighbridge.



AXLE WEIGHBRIDGE CUSTOM SOFTWARE

Convert any ground-level weighbridge in to one that can auto-calculate axle group loads as a vehicle enters the weighbridge.



CAMERAS & VIDEO SERVERS

Cameras for security or rego recognition/capture and digital video recorders (DVRs) for storage and management of videos.



DUTY OF CARE STRUCTURES

Steel structure accessories, such as walkways, bollards, hand railings and speed humps improve health and safety at any site.



DRIVER LANDINGS

Providing the ultimate in driver safety when alighting to or from a vehicle.



WHEEL WASHERS

Diverseco can supply semi-automatic and fully automatic wheel and tyre washers to reduce track-out to public roads from construction sites, quarries and mines.



WHEEL BATHS & SHAKER GRIDS

Simple wheel and tyre washing through tyre deformation using skaker grids and tyre immersion in water using a wheel bath to reduce track-out to public roads.



SITE INTEGRATION

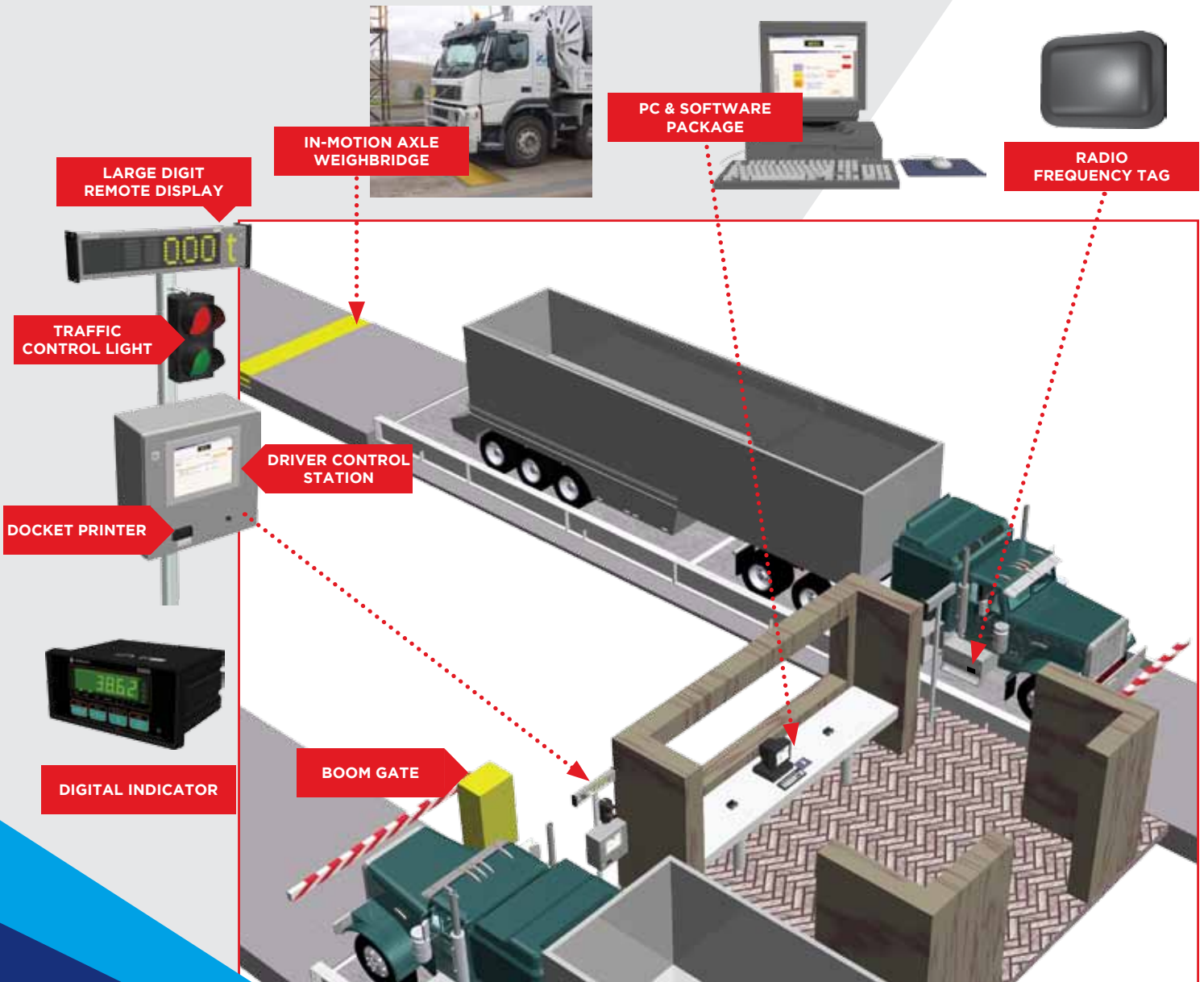
As Australia's largest supplier of weighbridges, Diverseco is a proven supplier of weighbridge accessories that both work effectively and integrate fully with the weighbridge and other site equipment, such as networks, etc.

We at Diverseco like to think of ourselves as Solutions Providers for Chain of Responsibility and our weighbridge accessories help our clients meet not only their Chain of Responsibility obligations but also their Work Health and Safety and Duty of Care obligations as well.

SITE AUTOMATION

Diverseco has also provided numerous automated weighbridge systems that eliminate the need for an operator and are robust enough to resist tampering and vandalism, a requirement for many Roads and Traffic Authorities around Australia.

We have our own inhouse software engineers that can automate part or all of the weighing process while at the same time eliminating fraudulent use inadvertent misuse of the weighbridge.



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ACCUWEIGH WEIGHBRIDGE DUTY OF CARE ACCESSORIES



DESCRIPTION

The ever-increasing emphasis on workplace health and safety ensures that weighbridge walkways, stairs, bollards and safety railings are very important accessories for most weighbridge sites.

Diverseco manufactures Australian Standard AS-1657 mesh walkways and stairs to suit the site requirements - from a simple driver landing to a full surround walkway and office access.

Diverseco manufactures Speed Humps which control vehicle entry and exit speeds minimising damage to load cells, the weighbridge structure and approaches.

Diverseco also manufactures the AccuWash, a Wheel Wash system that can remove dust, soil, sand and other harmful build-up on wheels, axles, tyres and underbodies fully automatically during one easy drive through, eliminating "track-out".



Chain of Responsibility
Solutions Providers

ACCUWEIGH

BY DIVERSECO

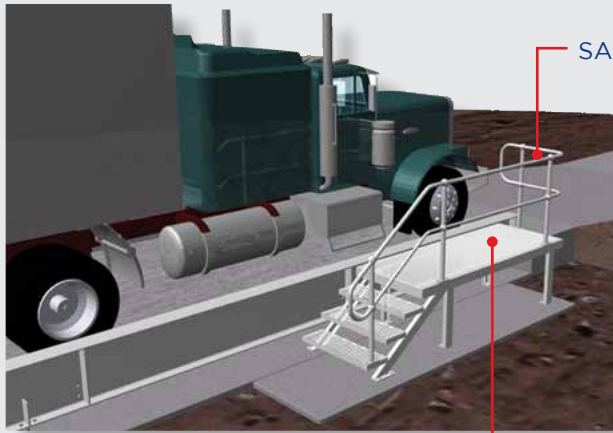
Australian-made, high-quality,
and precise weighing solutions.

FEATURES

- Hot-Dipped Galvanised Finish Typical for All Outdoor Steel Structures
- Walkways, Stairs and Ladders Manufactured to Australian Standard AS-1657

OPTIONS

- Other Finishes to Steel Structures Available
- Kick Rails
- Vehicle Inspection and Sampling Platforms (with Ladder Access)



DRIVER LANDING & STAIRWAY
(LANDING LEVEL WITH DECK BEAM)



BOLLARDS

SPEED HUMP

FULL-LENGTH WALKWAY
(LEVEL WITH SIDE WALL OR LEVEL WITH DECK)



THE ACCUWASH WHEEL & TYRE WASH SYSTEM



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Revision: 24/01/22

WEIGHBRIDGE CIVIL WORKS



HIGHLIGHTS

- AS 3600 Compliant Designs Using AS 4671 Compliant Reinforcement
- AS 1100 Compliant Construction Drawings
- Installation Manual Provided as a Companion Guide to the Construction Drawings
- Construction Simplified and Refined Over Many Previous Constructions
- Trade Measurement Authority Compliant End Walls, Approaches and Clear-Spaces
- Use Our Experienced Civil Contractors or Use Your Own
- Robust and Simple End Abutment Cast-In Angle



ACCUWEIGH 

BY DIVERSECO

Australian-made, high-quality,
and precise weighing solutions.

**Above Ground Weighbridge
INSTALLATION MANUAL**

PROJECT DETAILS:

Project: 18m x 3m x 6, QVM/ERW, Above Ground, Galvanised Weighbridge Kit
Project Number:
Manual Number: H554

CLIENT DETAILS:

Client Name:
Contact Name:
Contact Phone:

Note: This Manual is available in soft-copy form and can be supplied upon request.

Queensland Office
Unit 3, 27 Kippax Road, Queensland QLD 4000
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accweigh.com.au
Western Australia (Victoria / South Australia / New South Wales) Queensland
ACCWEIGH QLD is a Division of ACCUCORP QLD PTY LTD | ABN 41 355 688 688

WEIGHBRIDGE TERMINOLOGY

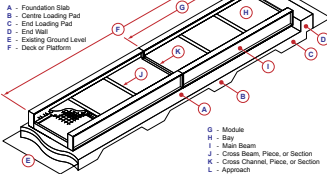


Diagram 1: EXAMPLE FOUNDATION AND DECK

Diagram 1 represents an example only of a weighbridge foundation and deck, for the purpose of clarifying component terms used throughout this manual. This diagram does not necessarily accurately reflect your specific weighbridge application.

- ▶ The weighbridge foundation is constructed as per the Foundation Construction Drawing, included with the Drawing Set, supplied with this Manual. All concrete and reinforcement detail is detailed in the Drawing Set.
- ▶ The weighbridge deck is composed of one or more modules (also called sections). Diagram 1 shows a total of two modules.
- ▶ Each module is composed of one or more bays. Diagram 1 shows a total of six bays.
- ▶ Cross channels are parallel flange channels always located at the end of each module. For this reason, they may also be called end channels. Diagram 1 shows a total of four cross channels.
- ▶ The length of the deck determines the number of cross beams supplied in the weighbridge kit. Short decks, for example three or four metres long, will not have any cross beams. Cross beams divide modules into bays to increase deck strength and flexibility. Diagram 1 shows a total of four cross beams.
- ▶ Cross channels and cross beams may collectively be called cross pieces or cross sections.
- ▶ The General Arrangement Plan Drawing (to aid deck assembly), supplied with this Manual, details the arrangement of all weighbridge deck components.
- ▶ Note that ground level, as shown above, is generally at the base of the foundation slab. This may vary depending on the Client's requirements or the site conditions.

CIVIL CONTRACTOR SPECIFICATION

DEFINITIONS AND SPECIFICATION PURPOSE

For the purpose of clarity, the following terms are defined:

- Client - The purchaser of the weighbridge
- Civil Work - The construction of the concrete weighbridge foundation and deck(s).
- Civil Contractor - The contractor, authorised by the Client, to complete the Civil Works.
- Accuweigh Pty Ltd - The owner of the weighbridge design.

The purpose of this Civil Contractor Specification is to define the extent of the civil works, to facilitate its execution, to maintain Quality Standards and to ensure that the final product conforms to the design requirements. Because the Client engages the services of the Civil Contractor to construct the weighbridge, the Civil Contractor is answerable to the Client for all workmanship.

Any deliberate or accidental departure from this Specification shall be promptly reported to the Accuweigh Pty Ltd for evaluation. Any costs resulting from such departure shall be born by the party (Contractor or Client) responsible for the departure.

APPLICATION

This Specification applies to all Above Ground Weighbridges with concrete decks cast on the foundation slabs. The Civil Contractor must familiarise himself with the Specification and is welcome to refer any queries to Accuweigh Pty Ltd before commencing work.

RESPONSIBILITIES OF THE CIVIL CONTRACTOR

- The Civil Contractor shall be responsible for the following:
 - To supply all materials, plant and labour necessary to construct the civil works defined in the relevant Accuweigh Pty Ltd Drawing Set, this Specification and the Purchase Order issued to the Civil Contractor.
 - To carry out the construction of the civil works within the agreed time limit.
 - To maintain the construction site in a safe and neat condition at all times and to conform to any safety and security requirements applicable to the site.
 - To carry out all work to a generally acceptable level of quality and in accordance with the relevant codes of practice, Australian Standards and local statutory requirements.
- Further, to satisfy Accuweigh Pty Ltd's Quality Assurance Management System, the Civil Contractor shall submit to the Client the following documents completed and signed:
 - Legible copies of Delivery Dockets confirming quantities and quantities of reinforcement used for construction.
 - Legible copies of Delivery Dockets confirming quantity, strength and slump of concrete used for construction.
 - Legible copies of compressive test results conducted by a NATA-approved laboratory on test cylinders collected from representative samples of concrete at the time of casting.

INSTALLATION MANUALS AVAILABLE



DECK CONSTRUCTION



FOUNDATION CONSTRUCTION



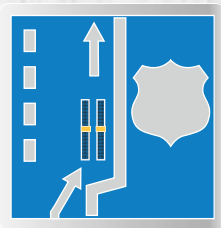
CAST-IN END ABUTMENT ANGLE

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LS630-WIM

PORTABLE WEIGHING
IN-MOTION SCALES



WEIGHING
IN-MOTION



Roadside Screening
& Enforcement
Where Violators
Avoid Fixed Weigh
Stations



DESCRIPTION

Portable Weighing Solution that Dynamically or Statically Reports Axle & Gross Vehicle Weight.

Portable weighing in-motion (WIM) allows authorities to quickly monitor, screen or issue citations in areas not served by permanent weigh stations.

Consisting of just a wireless indicator, two scales and roll-up ramps, the system is fully portable in the boot of a vehicle and can be set up by one or two people in under fifteen minutes. AccuOnboard's portable WIM technology will deliver accuracy of 2% to 3% dynamically at speeds of up to 6kph and 31.0% statically. This provides authorities with a fast, efficient and cost effective solution to protect roadways and concentrate enforcement almost anywhere you need it.

Class III approved for direct enforcement in static weighing mode.

SOLUTION PROVIDERS FOR
CHAIN OF RESPONSIBILITY



Diverseco 
Can Do

LS630-WIM FOR ROADSIDE ENFORCEMENT

Collect and Totalise Axle Weight, Gross Weight, Vehicle ID & Class for Ticketing & Reporting



LS630-WIM WEIGHING IN-MOTION SCALES

Wireless or Cabled Models Available



RFX Wireless Scales: Cable-Free Digital Scales for Efficiency and Safety

- Capacity of 20t or 30t per Axle (150% Overload Protection)
- Dynamic Accuracy of 2-3%
- Static Accuracy NTEP Approved
- Wireless & Wired Indicator Options
- Ramps/Levellers Roll Up for Easy Transport
- Scales Operate on AA Size Alkaline Batteries up to 100 Hours
- 780mm x 380mm x 43mm, Weighs 31kg



PT20 CPU

Provides the ability to process weight related data and is self-enclosed with a thermal printer in a rugged, all-weather case for use in even the most remote locations. Collect & Totalise Axle Weight, Gross Weight, Vehicle ID & Class for Ticketing and Reporting.



WIM SOFTWARE

The WIM Software will process weight related data and store data to produce a full array of reports for recordkeeping or data analysis. Collect & Totalize Axle Weight, Gross Weight, Vehicle ID & Class for Reporting and Data Collection.

SYSTEMS INCLUDE:

- 2 x Low-Profile Weigh-In-Motion Scales
- Roll-Up Ramps with Levellers
- WIM PC Software or PT20 CPU

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