



NWI
GROUP

NMI Legal-for-Trade Weighbridge

Centurion Weighbridge.

Steel Deck



www.nwigroup.com.au

www.nwiweighbridges.com.au

**World-class precision,
locally delivered.**

INTRODUCTION

The strongest steel deck weighbridge on the Australian market today!

Designed to take on the harshest conditions, the Centurion is the most robust truck weighbridge on the Australian market. It is perfect for those who want reliable, accurate weighing results. Because we build the Centurion with more steel than any other standard truck weighbridge on the Australian market, there is no other option that can measure up to its long term durability. Combined with the Bilanciai CPD Digital Technology, its a standout performer.

FEATURES & BENEFITS

Designed and engineered in Australia to suit our harsh environmental and operational conditions.

NMI Pattern Approved for trade weighing applications

Available in both painted and hot dip galvanised versions.

Unique design to help prevent debris build up and ease of service and maintenance.

Transportable solution.



PAINTED TO LAST

NWI Group's painting process starts well before the painting booth. Each piece of steel is shot blasted to ensure all rust and mill slag are removed prior to painting.

Custom designed paint is utilized to ensure longevity and protection from weather, harmful chemicals, abrasion, corrosion and rust.

Multiple quality checks through the preparation and paint process are in place to ensure the best possible application and thickness of paint to meet ISO12944 quality standards.

BENEFITS

- The Centurion includes the industry's newest technology - CPD Digital. This revolutionary technology enables you to receive data and optimized weighing results.
- By leveraging NEXIA™, an easy-to-use cloud-based monitoring platform, scale data can be accessed from anywhere, anytime.
- This data provides full insight into the scale's performance, so technicians arrive ready to do the repair with the correct parts. In some cases, the technicians can arrive prior to the scale having problems.



INNOVATIVE WEIGHBRIDGE CONSTRUCTION

SAFEGUARD AGAINST DIRT AND DEBRIS BUILD-UP

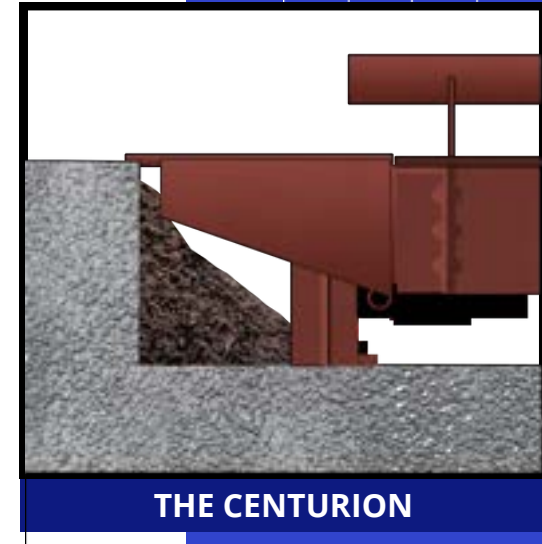
The Centurion Weighbridge boasts a distinctive design that places the load cells away from the end-wall. As a result, the accumulation of dirt and debris at the end-walls, which could potentially interfere with the weighing process, is prevented. This ensures accurate and reliable weight measurements every time.

SIMPLIFIED MAINTENANCE

The Centurion Weighbridge's design prioritises ease of service. Its large cover plates enable maintenance and repairs to be performed from the top of the scale instead of from underneath, streamlining the process and reducing the need for extensive disassembly.

STURDY AND ENDURING DESIGN

The Centurion Truck Scale is constructed with exceptional durability and strength in mind, utilizing thick beams and a 10mm checker deck plates that result in a higher steel content than that of any typical scale available on the market. This guarantees the longevity of the weighbridge ensures that heavy vehicles can use it.



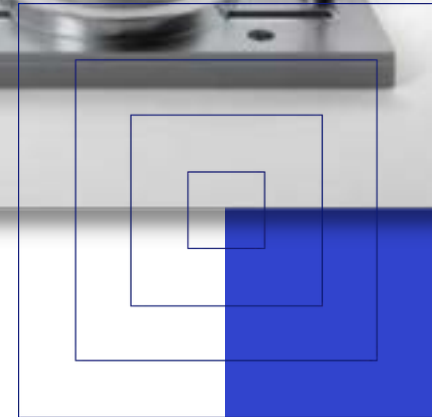
LOADCELLS

NWI Group harnesses the power of advanced technology through fully digital components, live monitoring systems and cloud-based software, bringing you the smartest, most advanced truck scales on the market. CPD Digital, powered by Bilanciai Nexia, takes weighing to the next level.

ADVANTAGES

- **DATA** - CPD-M Digital load cells house a nexus of information, allowing for continuous monitoring of temperature, voltage, inclination and many other variables sent directly to the cloud.
- **ACCURACY** - Deliver optimized weighing results in less than a hundredth of a second and at small increment measurements – twice the precision of analog scales.
- **MONITORING** - The core of CPD Digital is Nexia, NWI Group's live monitoring software. Nexia analyzes data and reports information into trends and scale performance, providing better insight into your scales.
- **ACCESS** - With portal access from anywhere, you can rely on CPD Digital information to be there when you need it most.

CPD
DIGITAL



LOADCELLS



MAXIMISE UPTIME

- **SERVICE ALERTS** - Automated preventative maintenance service alerts notify you before a problem occurs.
- **ENVIRONMENTALLY SOUND** - Hermetically sealed stainless steel construction protects your electronics through harsh environmental conditions.
- **TEMPERATURE COMPENSATION** - Instantly compensate for fluctuation in temperature.
- **LIGHTNING PROTECTION** - Guaranteed protection with components specifically designed to survive lightning strike.

OPTIMIZE YOUR OPERATION

In a world where technology is constantly advancing and your scale doubles as a cash register, CPD Digital technology, powered by Bilanciai Nexia, empowers you with the smartest truck scales.



MINIMIZE DOWNTIME

- **DUAL CALIBRATION STORAGE** - Automated preventative maintenance service alerts notify you before a problem occurs.
- **INDEPENDENT LOAD CELL CONFIGURATION** - Pinpoint errors with accuracy down each individual load cell.
- **SERVICE ALERTS** - Automated service alerts notify you when a problem occurs.
- **ERROR INFORMATION** - Service providers are armed with the information they need to show up prepared with the proper parts and tools.
- **TROUBLESHOOTING GUIDANCE** - Enables faster repair times with suggested fixes derived from years of experience and thousands of repairs.

WEIGHBRIDGE SERVICING AND CALIBRATION

NWI Group are one of Australia's leading specialists in weighbridge and heavy industrial equipment calibration. With locations all over Australia, we're able to help with difficult applications wherever you are.

To maintain accurate and reliable weighing results, it's essential to periodically test your vehicle scale in accordance with the manufacturer's specifications and industry and legal standards. By using NWI to attain your calibration certificates, you'll have access to a documented record of compliance, ensuring that you meet all necessary regulatory requirements.

WEIGHBRIDGE UPGRADES

Our Weighbridge Upgrade Services offer a cost-effective way to increase the longevity and performance of your existing vehicle scale. We'll inspect your scale to assess if upgrading or repairing damaged components and upgrading electronics is a feasible and cost-efficient option for you.

We'll provide you with a comprehensive analysis of the work that needs to be performed and an objective assessment of the costs involved. By considering upgrading and repairing damaged components rather than investing in a new scale, you can save money while still improving the performance and longevity of your weighing system.



GALVANIZING PROCESS

At NWI Group, we use a refined and enhanced galvanizing process for all our weighbridge steel constructions. This process is the best way to protect steel and ensure long-lasting, corrosion-free performance. Galvanized steel is more cost-effective than materials like stainless steel and aluminum, making it an excellent choice for those looking for a low life cycle cost. Additionally, once installed, galvanized steel requires little to no coating maintenance.

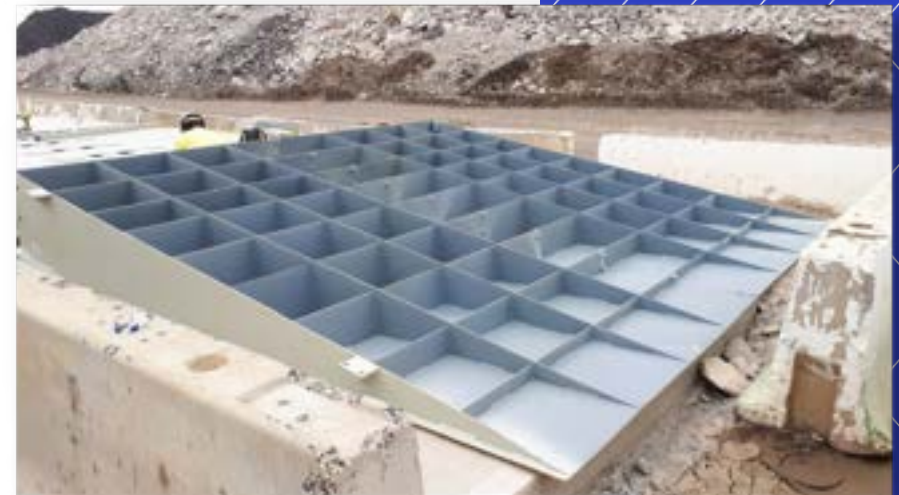
Our proprietary galvanizing process uses a formulation of molten metals that produces a consistent coating thickness and creates an even and durable finish. As part of our four-step hot-dipped galvanizing process, we meet Australian Standard AS4680 requirements to deliver high-quality zinc coatings on ferrous materials.



CORROSION PROTECTION

Hot-dip galvanizing is widely used because of its dual protective nature. The coating provides a tough, metallurgically bonded zinc layer that acts as a barrier, completely covering the steel surface and sealing it from environmental corrosion.

Furthermore, the sacrificial action of zinc offers protection to the steel even in cases of minor coating damage or discontinuity.



AUTOMATION & ACCESSORIES



Traffic Lights



Remote/Variable Displays



Boom Gates



Self Service Driver Terminals



Weighbridge, Data and Site Traffic Management Software



Intercom Systems



LPR (License Plate Recognition) Cameras



Docket Printers



Walkways & Platforms

AUTOMATION REVOLUTIONIZES WEIGHING

At NWI Group, we're committed to providing innovative solutions that help our customers improve their operations. Contact us today to learn more about our weighbridge automation accessories and how we can help you automate and streamline your weighing process.



**Weighing
Instrumentation
Systems
Fabrication
Calibration**

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1300 669 162