



**Bridging solutions  
and technology.**

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 **WIM**  
Technologies

# The Weigh of the Future.

The latest in global weighbridge technology for the transport and construction industries is now available in Australia with the official launch of WIM Technologies.

WIM Technologies have an Australian agreement to distribute the successful Weigh In Motion (WIM) system developed by Intercomp, the American-based company who have been the world leader in the provision of superior quality, high performance scale solutions for over 40 years.

Using Intercomp's exclusive RFX® Wireless Weighing Technology, WIM Technologies weighbridges provide highly accurate readings. They come in both portable or permanent varieties, are available for lease or purchase and will provide your business with the following important advantages:

## Productivity

No more underloaded trucks leaving or entering your sites, as WIM Technologies allows you to monitor your transport vehicles closely and ensure they are fully loaded for maximum productivity.

## Efficiency

Ensure accurate weights for each of your vehicles are tracked, eliminating the need for manual load counting on site which can be subject to human error.

## Compliance

Significantly reduce the risk of your company's vehicles failing to comply with applicable load limits by ensuring that loads leaving site are within the vehicle's legal mass limits (GVM), providing the best possible protection against the risk of potential legal penalties and fines.

## Safety

Ensure your trucks don't become a safety risk due to overloading, and protect your business against possible Chain of Responsibility breaches of the Heavy Vehicle National Law (HVNL) and other relevant road legislation which places the responsibility to reduce risks related to the safety of transport tasks onto transport operators.

# How it Works.

**Scales are installed in a firm, flat area and connected either via cable or wireless to the data collection system. One or more portable LED display board is installed near the scales to provide instant visual display to drivers. As vehicles roll onto the scales for either static or dynamic readings, detailed data is sent in real time to the customised WIM Technologies software.**

Gross, net and tare readings are all collected by the system and displayed on the board. The system also issues notifications via email of overweight vehicles and or axle groups. The system's software is also suitable for reporting including reports for all vehicles, overweight vehicles or vehicles by class with net and tare weights.

Users can identify vehicles with RFID technology or alternatively manually type in vehicle registrations as identification. These weight limits can also be displayed on scoreboards showing truck, trailer and gross weights. The display board can also be set to show 'Stop/Go' depending on pre-determined weight rules.

## **Choose the WIM Technologies system that suits your business**

There are three versions of WIM Technologies weighbridge products to choose from, allowing you to select the system which best fits your company's needs.

### **Portable Scales WIM**

A fully portable weighbridge system which is perfect for mobile compliance checks or use on short term job sites. Capable of both static or dynamic weighing, the Portable Scales system takes one to two people approximately 15 minutes to set-up and only requires four rollup ramps, two scales and an indicator (CPU or PC).

The weighbridge indicators can either be connected through wireless communication or, for a more robust connection, via cable. A docket printer is included and the custom-built WIM Technologies software which powers the weighbridge will be installed for you by one of our technicians.

Once set-up, the dynamic accuracy of the Portable Scales is between 2 - 3% and static accuracy meets International Organisation of Legal Metrology (OIML) requirements.

### **Strip Sensors WIM**

Our Strip Sensor system sees strain gauge load cell sensors inserted into the roadway in sets or rows. Capable of being applied to existing roadway or new road base, our strip sensors use technology that takes full advantage of fast response times and large sampling rates to improve accuracy in Weigh In Motion weighing.

Up to four pairs will be required depending on the application and accuracy required. Their simple installation method significantly reduces downtime due to road closures. Our Strip Sensors are perfect for compliance purposes and are suitable for dynamic weighing at speeds of up to 100 km/h. Their insertion into the road surface itself means there are minimal installation costs and they are maintenance free.

They are an ideal solution for roadways where there is limited room for access lanes and where site space restrictions prohibit the use of large excavation equipment.

### **Low Speed WIM**

Our Low Speed WIM scales consist of a single deck pad with four shear beam load cells that are certified for accuracy and performance.

Their robust single piece construction makes them suitable for both static or dynamic measurements and they require only a small footprint for installation.

This scale is normally incorporated into a new concrete slab however this could also be constructed into an existing roadway with minimal civil works. The scales are connected through a CPU to a PC to provide an accurate display of weight distribution through each axle.

Low Speed WIM scales can be utilised in static mode with an accuracy of +/- 0.1%. They are also most suitable for dynamic applications to keep traffic moving; thus eliminating delays due to queuing trucks.



## Find out more.

Visit our website at [www.wimtech.com.au](http://www.wimtech.com.au) to find out more details and full specifications of these products. For pricing or more information call us on 0481 602 592 or email us at [enquiries@wimtech.com.au](mailto:enquiries@wimtech.com.au).

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**WIM Technologies**

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