



ASSOCIATED SCALE SERVICES

Weigh Bridge – Above Ground

Associated Scale Services Pty Ltd has been manufactures weighing equipment for the past 17years for the Australian , Australasian and the Asian region from Brisbane, Queensland Australia.

As the manufacturer of weigh bridges, sizes and capacities are to the customers requirements to ensure full flexibility in incorporating the system into the true application. Discussions on what is required is essential to ensure that what is required to be weighed is what is finally delivered. These consultations are through an experienced sales person who has many years of experience in both the sales and applications.



(Photo is of a 18m x 3m, 60t Above Ground, Trade Approved, Weigh Bridge)

Advances in Weighbridge Design

It is Associated Scales Services goal to never stand still with respect to improvements to the design of weigh bridges. Over the past few years many of the issues with weigh bridges have not been address and to this, me have re designed many of the way the final product is improved.

- Cabling in many cases is run under the weigh bridge which is both unsightly and in some instances can contravene the trade approvals. Through the webbing on the UBs there are holes drilled to allow for the conduit to run. (Note : saddles are also install on the final install to stop sagging) This allows the conduit not to be under the weigh bridge and have issues later with conduit breaking or being unsightly on the underneath of the weigh bridge



- In addition to the cabling there are no simple solutions for the cable to pass through the UB's. A custom mould was manufactured for poly urethane to allow for a clean affective bend through the UB



- Simple changes to the load cell mounts and the use of only stainless steel for the base plates increases the longevity of the life of the weighbridge.
- With the construction the weighbridge is also easily dismantled for re installation to another site. Note most weigh bridges are concrete decks and the bridge can only be dismantled in to the main segments.
- As the cells are cemset and epyrezed to the foundations no pocket are required thus making the foundation pour far simpler then previous systems.

About Above Ground Weighbridges

- Most cost effective for weighing complete vehicles in a trade application.
- Simple construction and installation
- Drainage is normally not an issue with this style of weighbridge.
- Lengths and width are able to be designed around customers requirements.
- As level approaches and ramps are required an above ground weigh bridge becomes relatively long with respect to an in ground or semi inground weighbridge

Customer Requirements: (Normally)

(Note all facets of the weigh bridge can be the responsibility to Associated Scale Service if the customer deems not to do the tasks)

- Electricity for both the weigh bridge and the remote display
- Drainage and pumping if needed (note Associated Scale Services normally use a vortex style pump to reduce the clogging for foreign matter. We are happy to purchase this for you at additional cost or give you the information to purchase direct)
- Dead weight for calibration. There will be 15t of trade approved masses supplied as per quotation.
- Camera facility to ensure visual contact is kept on the 2 out side bridges.

Checks to be carried out prior to civils work for Civils Company.

- Is the site restricted for the removal of soil.
- Foundation tests for soil condition
- Checks for Power, Sewage, or any other utilities on or around the excavation site

It is Associated Scale Services Pty Ltd goal to seek further improvements on all of the manufactured devices and strive for product longevity within the field of weighing operation.