



Aussie Weighbridge Systems Model AWS 106 Surface Weighbridges

Model AWS 106 Design:

National Standards Commission Approved: 6/10B/69

The AWS 106 Weighbridge is a composite design using a combination of universal beams & reinforced concrete. The AWS 106 is quality durable design to the **Latest Australian Standard for Bridges AS/NZS 5100-2004**. The design incorporates heavy mesh & bar in the weighbridge deck & gusset supports long the universal beams; this may give greater strength than some other weighbridges offered in Australia. The AWS 106 weighbridge is normally surface mounted with the load cells at ground level & ramps about 4.5 metres long at each end on a flat level site.

An optional design using Condek reinforcing is available on request, which allows the weighbridge deck to be assembled at the operating height of between 461 & 420mm & is poured in situ; the procedure will generally speed up the installation and may minimize stress to the concrete deck, as minimal lifting is then required to fit the load cells.

Load Cells:

The AWS 106 incorporates Quality HBM C16 30 tonne load cells, which are 100 % stainless steel, hermetically sealed designed to exceed IP68 rating, with integrated top and bottom bearings with dust gaskets to reduce wear. Surge arresters fitted internally to protect against lightning & power surge, for this reason **we offer a two-year warranty & include against the effects of lightning strike.**





The Quality AWS National Standards Approved Weighbridge Range incorporates only stainless steel, hermetically sealed and lightning protected load cells in our weighbridge kits.

Our approval and designs allow capacities from 10 tonnes through to 200 tonnes. The design also allows for many standard and custom lengths and widths of weighbridge.

Our standard sizes follow:

- 8 x 3 metre
- 9 x 3 metre
- 10 x 3 metre
- 12 x 3 metre
- 18 x 3, 3.5 metre
- 20 x 3, 3.5 metre
- 25/26 x 3, 3.5, 3.6 metre
- 33 x 3, 3.5 metre
- 40 x 3, 3.5 metre

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