

Low Profile Road Weighbridge

Type 6400



Technical Description

Structure

All load bearing members are heavy duty universal beams that run in the same direction as the traffic flow to ensure the weights are directly on the beams for the full length of the weighbridge.

Surface plate is 10mm durbar, with all seams on the surface fully welded for additional strength and to prevent ingress of water or product spillage to the sub structure. Access to the load cells and for debris removal is through removable 750mm plate sections at each end and the middle on multi-module machines.

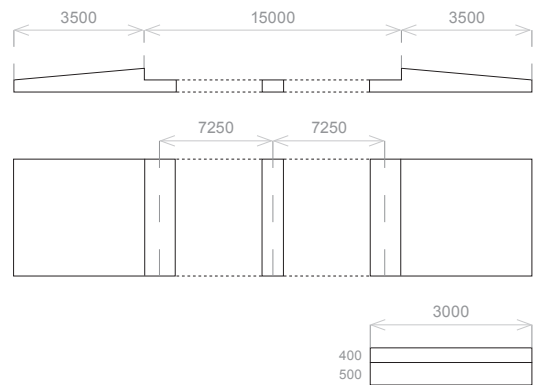
Due to the high strength of the structure, there is only 6mm of deflection in the centre of each module under a 3 axle 25 tonne load. Low deflection means less fatigue to the structure and a longer life.

Finish

Structure is fabricated from a high grade blasted material. After fabrication the structure is primed and two coats of gloss finish applied.

Load cells

Platform structure has push in sockets for Mettron lighting protection system. The load cells fit into lighting protection system with mounting cup to suit load cell. No nuts or bolts are required in the mounting system. Steel conduits are fitted for wiring.



Foundation

For surface mounting a simple flat concrete slab is required with ramps to 400mm are required.

Options

- T Section rubber for pit installation
- Portable ramps for surface mounting
- Side kerbs for surface mounting
- Load pillars to provide additional height and deck clearance
- Any length supplied
- Any width supplied
- Any capacity supplied

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