

BWS-W.BRIDGE



Description

The Weighbridge is fabricated from modular orthotropic U- beams welded to anti chequer steel plates and is fitted with 4, 6, or 8 hermetically sealed compression type or beam digital or analog load cells. The capacities range from 20,000kg to 100,000kg. The deck dimensions depend on usage and may range from 6m -21m in length with a standard width of 3000mm. The weighbridge may be either pit or surface mounted depending on customer requirements and availability of space. The weighbridge is fitted either to a digital indicator with an alphanumeric keyboard and a printer or a simple indicator and a PC loaded with Bytronics WeighSOFT weighbridge weighing software and a printer.

Features

- Weighbridges are fully welded type and modular for ease of handling during transportation and installation.
- The orthotropic beams are 220-250mm deep and require shallow pits which are cheaper to construct and easier to drain.
- The weighbridges are fitted with service plates at each load cell location for maintenance purposes
- The load cells are OIML certified, current calibrated making it easier to calibrate with little or no corner trimming to achieve equal loading on the weighbridge platform.
- Well protected by being blast cleaned and painted.
- The whole weighbridge structure is earthed at all the load cell plates to protect from lightning strikes.
- Where the load cells do not have inbuilt surge protection such as the beam type a lightning protection unit is incorporated within or outside the junction box.

Specifications

<i>Item</i>	<i>Description</i>	<i>Specification</i>
1	Capacity	50.000kg -100000kg
2	Dimensions	18000mm long X 3000mm wide
3	Type	Either Pit or Surface mounted
5	Structure	Steel beams with chequer plates in modules of 1.5m x 5.8m long with weigh bars, the quantity of which depends on length and capacity of the weighbridge
6	No. of load cells	Depends on length and capacity
7	No. of modules	Depends on length and capacity
8	Protection	Blast cleaned and Painted
9	Accessories	Any indicator Type approved, lightning protection, cables, junction box included
10	Civil works	This comprise excavation, reinforced concrete for walls and load cell plinths, ramps etc.

BYTRONICS COMPUTERS LTD. T/A BYTRONICS WEIGH SCALES

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