

Uniweigher

The most innovative and exciting weighbridge ever manufactured



Technical Description

The new *Uniweigher* modular weighbridge incorporates new designs for which 2 patents have been applied for.

Whilst modular weighbridges have been available since electronic weighing was first introduced, they have found new favour in recent years due to the increase in steel costs and reduction in the price of loadcells.

A traditional modular weighbridge will comprise a first module incorporating 4 loadcells, and additional add on modules incorporating an extra 2 loadcells per module. These add on modules cannot be separated and used as an independent weighbridge. This is where the *Uniweigher* is so unique.

Every section is manufactured with the mounting parts for 4 loadcells per module. This means each module can be used as an independent weighbridge.

Both end sections of every module are identical, with a unique connecting pin for which a patent has been applied for. Any number of identical modules can be connected together to either end of the modules with the *Uniweigher Link* (patent applied for) to form multi-module weighbridges, yet when additional modules are added to the first, only 2 additional loadcell mounts are used.

Multi-module weighbridges can easily be separated and returned to independent weighbridges.

The concept was born from our own hire weighbridge requirements:

We found with our stock of 8m and 16m weighbridges that we would sometimes have spare capacity of 1 size and a shortage of another. A customer needing an 8m bridge may not have space for a 16m and a customer needing a 16m could not weigh articles on an 8m.

By designing and standardising on the 8m *Uniweigher* module, we can meet every customer's requirement every time by supplying single or multiple modules.

4 standard identical modules can be linked together to form different weighbridge sizes and combinations from 4 x 8m x 3m weighbridges, 2 of 16m x 3m weighbridges, 1 of 32m x 3m weighbridge to 1 x 16m x 6m weighbridge and many other variations for either surface or pit mounting.

Any combination of modules can be used to suit each individual site or customer's requirements.

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