

DIY1000 - Steel Transportable Weighbridge



Surface mounted, steel, transportable weighbridge, a cost effective solution for the weighing of large trucks.



Versatile - Constructed in a standard size (Length: 18m and Width: 3m) it can be also manufactured in different sizes and be accompanied with various options according to your special needs.

Modular - A completely steel weighbridge consisting of drive and side modules easily assembled together. It has a middle gap of 1000 mm. The side modules are working as guide rails, while an anti-slip chequer plate is placed on top of the deck.

Pre-mounted Load Cells - Factory premounted load cells with two directional bumpers are a standard feature which further reduces the installation time.

Mobility - The users with increased mobility requirements will be highly satisfied by the easiness of handling and relocation this scale.

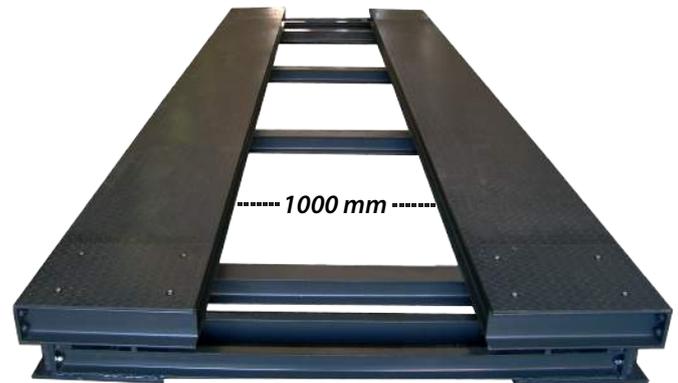
Several Installation Options - Depending on the prevailing soil conditions, the weighbridge can be installed on either low or high profile prefabricated steel foundations or directly on a concrete surface without the need of any civil works.

Easy Service & Maintenance - Practical access to load cells and junction box through the removable covers on the top.

Finite Element Analysis - Our structural design team incorporates the latest of Finite Element Analysis (FEA) technology. The optimum and robust weighbridge design achieved, ensures high durability and accurate functionality during its operation.

International Approvals - All our products are OIML & EU-Type approved.

Applications - Perfectly befitting temporary sites, construction, agricultural, recycling sites etc. Ideal for larger vehicles.



* Galvanized version



Additional / Optional Features

- Prefabricated steel foundations, SF15 for a 375mm profile & SF140 for a 500mm profile, delivered factory premounted and ready for installation.
- Transportable steel ramps.
- Galvanized version.

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Side Frames

The side frames are bolted on each side of the drive modules. These frames work as guide rails assisting the truck driver to drive safely on the weighbridge, thus the risk of driving off the deck is minimized. Their design enables the complete usage of the drive modules, while they are friendly to the tires.



Factory Premounted Load Cells

Factory premounted load cells come as a standard equipment of the scale. As a result the installation time on the user's site is reduced by half (a day is usually enough). The easy top access to the load cells and junction box allows direct and practical maintenance and service.



Model	L (m)	W (m)	Type	Profile (mm)	No of Load cells	Deck Plate Thickness (mm)	Loading Capacity (Tn/Axle)	Indicative Capacity (Tn)
DIY 260	18	3	surface	360	8	6	10	60
DIY 260	18	3	surface	360	8	8	12	60

* Other dimensions, according to your special requirements, can be also manufactured.

Optional Equipment

Steel Transportable Ramps

A set of four steel entry and exit ramps are available as an option. With standard 1000mm width and height varying from 360mm to 500mm based on the foundation type.



SF15 & SF140 Steel Foundation

SF15 and SF140 are factory prefabricated and premounted steel foundations that can be put directly on compacted earth, asphalt or horizontal concrete surface with minimum reinforcement.

Weighing Indicators

Leon Engineering offers a wide range of digital indicators that are easy to operate and can be used in a variety of applications, from simple weighing to complex data manipulation.



Analogue or Digital Load cells

Leon Engineering markets OIML & NTEP approved load cells that ensure reliability and accurate weighing, either in analogue or digital weighbridge configurations.



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