

TS1001 - Surface Mounted Steel Weighbridge



Surface steel weighbridge, easily dismantled and relocated. The optimum weighing solution for demanding applications.

Strength & Durability - Design specifications and high quality materials make the TS1001 a reliable weighing solution for demanding applications with frequent traffic of large vehicles and high levels of concentrated loads.

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

Modular - A completely steel structure with a 1000mm inner space (gap) between the driveways. The modules (drive sections) are connected across with connective beams for an easier transportation and assembly on the weighbridge site.

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

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

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 operation.

Applications - Perfectly befitting sites with heavy traffic, ports and terminals and other applications. Ideal solution for applications with increased mobility needs.

Additional/Optional Features

- Pre-fabricated steel or concrete ramps.
- Galvanized version.
- Heavy duty version (DIN1072).



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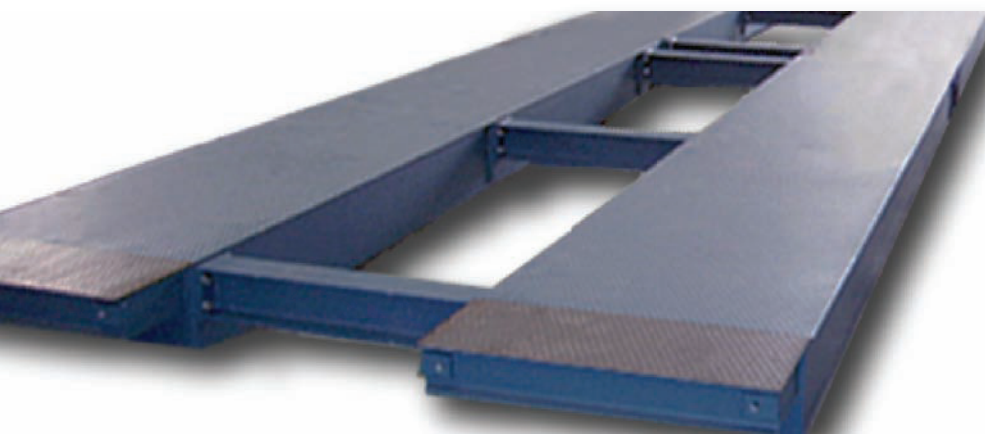
Transportable Modules

The modules can be unloaded and carried with a 5T crane without the need of heavy equipment.



Practical Installation

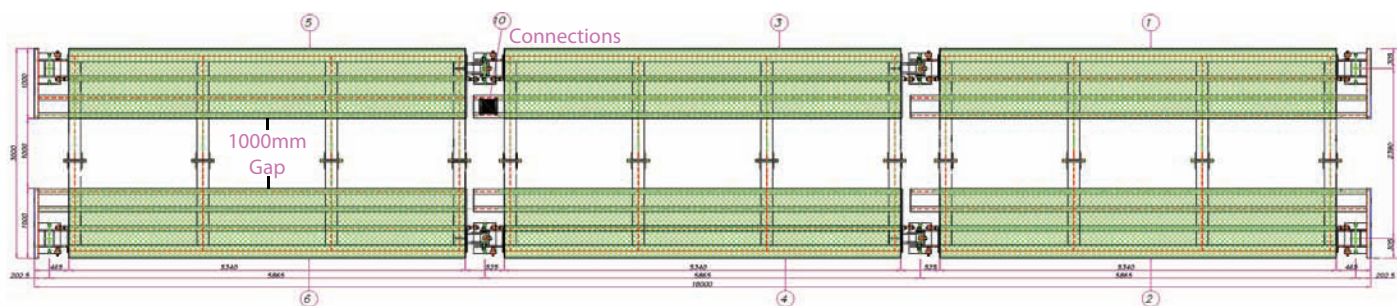
The installation can be easily performed, since the drive modules of the weighbridge can be easily assembled and bolted together with common tools.



Anti-slip chequered top plate, painted blue

Model	L (m)	W (m)	Type	Profile (mm)	No of Load cells	Deck Plate Thickness (mm)	Loading Capacity (Tn/Axle)	Indicative Capacity (Tn)
TS1001 IPE 360	18	3	pitless	420	8	6	10	60
TS1001 IPE 270	18	3	pitless	330	10	6	15	90

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



* Layout of TS1001 18 x 3 m

Optional Equipment



Steel Transportable Ramps

A set of four steel entry and exit ramps are available as an option with the following specifications:

- a. Height: 420mm (DIN8119)
- b. Height: 330mm (DIN1072)

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.

