

CP3000 SC - EASY Pit Mounted Composite Weighbridge



Pit mounted composite weighbridge, an economic weighing solution. The ultimate exportable weighbridge.

Structural Integrity - The weighbridge is composed of a steel formwork, sealed together with a bottom corrugated galvanized steel plate, quality steel reinforcements and foundation plates with movement restrainers.

Modular Design - The main steel frame together with the reinforcing is delivered in parts easily bolted and assembled together on site; for example the 18x3m model, it is composed of 6 pcs of approximate dimensions 6x1,6m, so when bolted together they compose a structure of 18x3m. This process reduces on-site large crane requirements (a fork lift is also enough) and also reduces transportation cost.

Quick Installation - The concrete can be poured on site even with the deck already assembled and installed at final position. No need for extra forming works and no need to place the deck on the floor and lift it once the concrete is dry, as it was used to be until now. In most cases the installation works are ended within one day.

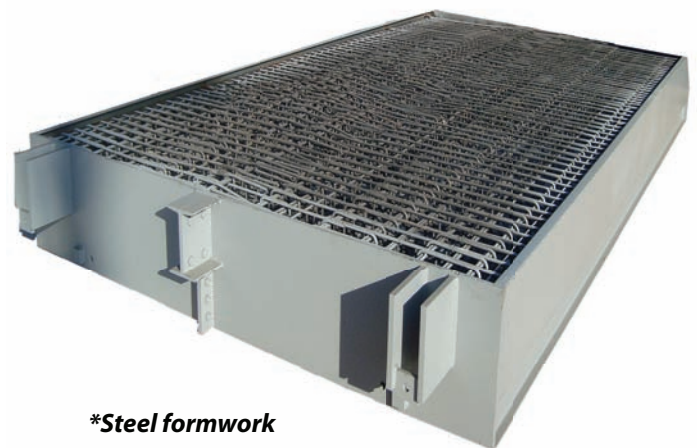
Versatile - Constructed in standard sizes (Length: 6 to 25m and Width: 3m) it can be also manufactured in different dimensions according to your special needs.

Transversal Crossing - The main advantage of the weighbridge is the ability to provide transversal crossing of the platform, due to its reinforced middle section. This feature is valuable for sites with limited space.

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 operation.

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



***Steel formwork**

Applications - Perfectly befitting applications with heavy traffic.

Additional/Optional Features

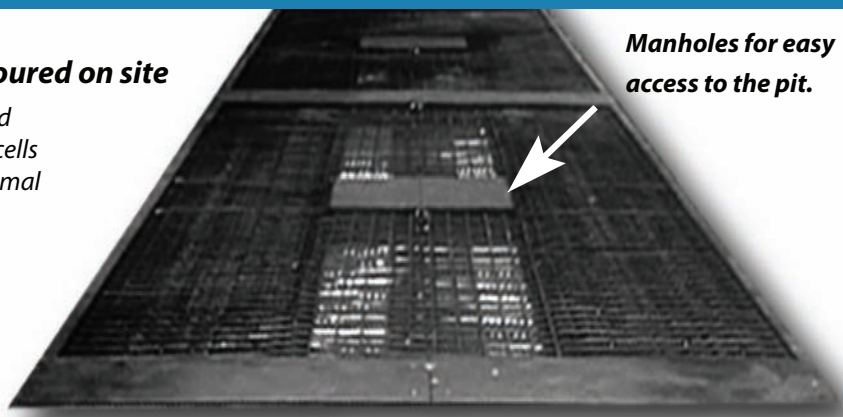
- Galvanized version of the steel framework.
- Heavy duty version (DIN1072).

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Concrete to be poured on site

The concrete is poured on site with the load cells already installed. Normal concrete curing time applies.



Manholes for easy access to the pit.

Quick installation

The main steel frame together with the reinforcing is delivered in parts easily bolted and assembled on site. During installation, the modules of the frame are combined together into a single module.



View of the steel formwork's bottom (standard galvanized).

Model	L (m)	W (m)	Type	Profile (mm)	No of Load cells	Loading Capacity (Tn/Axle)	Indicative Capacity (Tn)	Concrete Volume (m ³)
CP 3000-SC Easy	6	3	pit	390	4	10	30	4,5
CP 3000-SC Easy	9	3	pit	390	6	15	40	7
CP 3000-SC Easy	12	3	pit	390	6	10	40	9,5
CP 3000-SC Easy	14	3	pit	390	8	15	50	11
CP 3000-SC Easy	15	3	pit	390	8	13	60	12
CP 3000-SC Easy	16	3	pit	390	8	12	60	13
CP 3000-SC Easy	18	3	pit	390	8	10	60	14,5
CP 3000-SC Easy	18	3	pit	390	10	20	100	13,5
CP 3000-SC Easy	25	3	pit	390	12	10	70	19,5

Optional Equipment

Prefabricated Pit Walls

With the use of modular factory pre-fabricated pit walls there is no need for formwork. Their robust construction assists in retaining surrounding earth loads. Resulting in time and material saving installation as well as a fully controlled and clean civil construction.



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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