

NT31 - SC (Steel & Concrete) Weighbridge



Pit or surface mounted steel and concrete weighbridge, ideal for applications with heavy traffic. Provides high stability and resistance with the advantages of a transportable weighbridge.

Strength & Durability - Reinforced, prefabricated and concrete sections within robust steel frames, make the NT31-SC a reliable weighing solution for demanding applications and long term operation.

Versatile - Constructed in standard sizes (Length: 6 to 18m and Width: 3m) it can be also manufactured in different sizes and be accompanied with various options according to your special needs.

Modular - The concrete modules (drive sections) can be easily transported and connected with a 5Tn capacity crane on the site of the weighbridge. There is also the possibility to pour the concrete on the weighbridge site, in order to reduce the transportation cost.

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

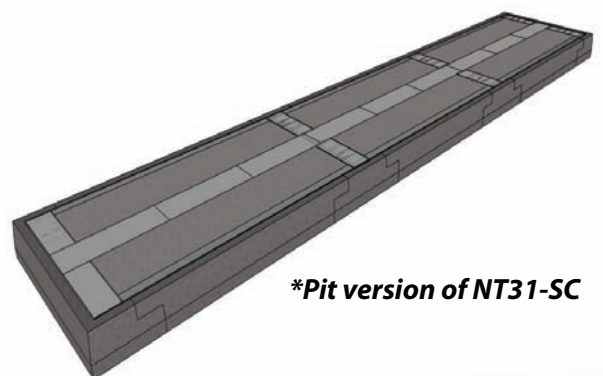
Finite Element Analysis - Our structural design team incorporates the latest of Finite Element Analysis (FEA) technology. The optimum and robust weighbridge design achieved, ensures high durability and accurate functionality during operation.

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

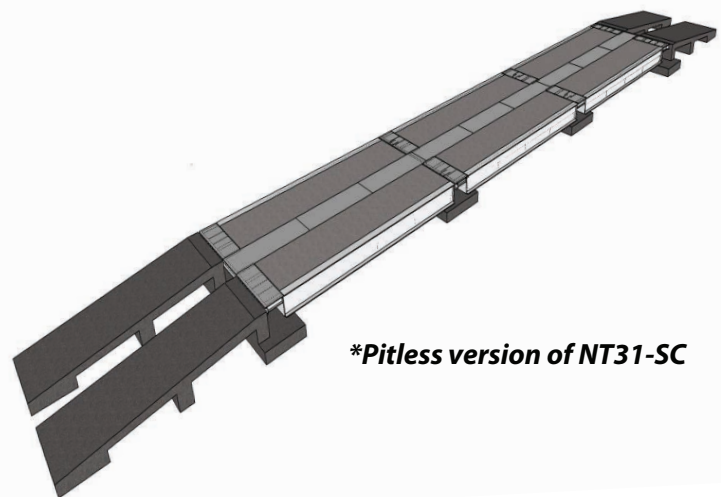
Applications - Perfectly befitting sites with limited space, ports and terminals, logistic operations, recycling sites and a plentitude

Additional/Optional Features

- Pre-fabricated concrete foundation available (pit walls or entire pit for pit version and foundation stripes with or without ramps for pitless version).
- Galvanized version of the steel parts.



***Pit version of NT31-SC**



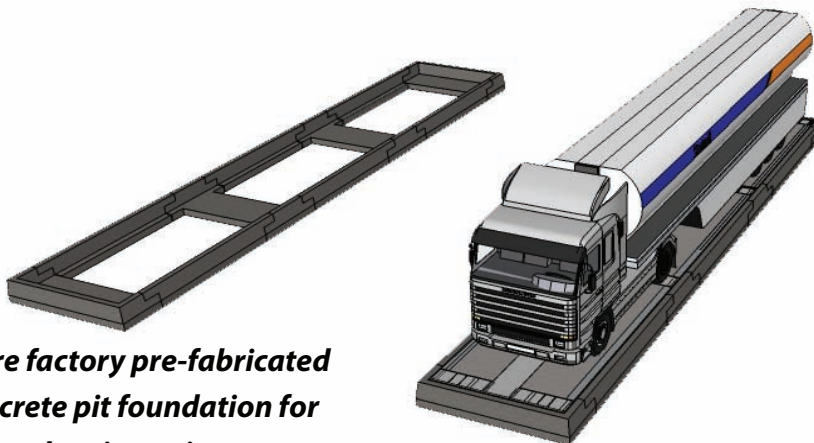
***Pitless version of NT31-SC**

- For reduced transportation cost, this weighbridge can be delivered without the prefabricated concrete parts. In this version, the steel parts with the reinforcement are filled with concrete on site.

NT31 - SC (Steel & Concrete) Weighbridge

Model	L (m)	W (m)	Type	Profile (mm)	No of Load cells	Loading Capacity (Tn/Axle)	Indicative Capacity (Tn)	Concrete Volume (m ³)
NT31-SC DIN 8119	6	3	pitless	420	6	10	30	1,8
NT31-SC DIN 8119	6	3	pit	420	6	10	30	1,8
NT31-SC DIN 8119	9	3	pitless	420	6	15	40	2,7
NT31-SC DIN 8119	9	3	pit	420	6	15	40	2,7
NT31-SC DIN 8119	12	3	pitless	420	6	10	40	3,5
NT31-SC DIN 8119	12	3	pit	420	6	10	40	3,5
NT31-SC DIN 8119	14	3	pitless	420	8	15	50	4,1
NT31-SC DIN 8119	14	3	pit	420	8	15	50	4,1
NT31-SC DIN 8119	15	3	pitless	420	8	13	50	4,4
NT31-SC DIN 8119	15	3	pit	420	8	13	50	4,4
NT31-SC DIN 8119	16	3	pitless	420	8	12	60	4,7
NT31-SC DIN 8119	16	3	pit	420	8	12	60	4,7
NT31-SC DIN 8119	18	3	pitless	420	8	10	60	5,5
NT31-SC DIN 8119	18	3	pit	420	8	10	60	5,5

Optional Equipment

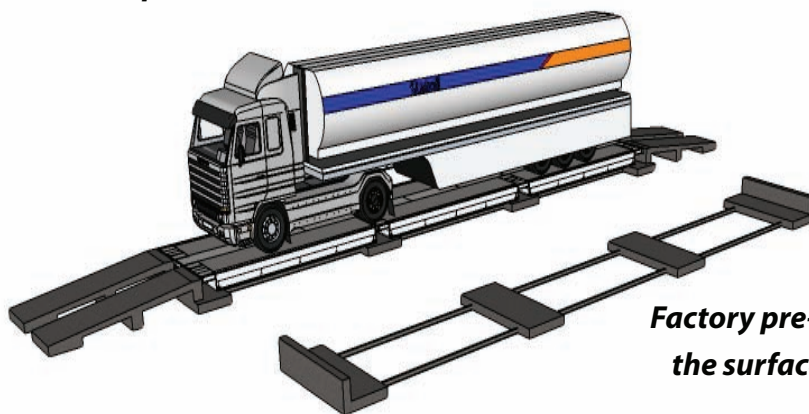


Entire factory pre-fabricated concrete pit foundation for the pit version.



Prefabricated Pit Walls

Concrete factory pre-fabricated pit walls for the pit mounted version, covering the sides of the pit, where the weighbridge will be installed. With these the installation time and costs are significantly lessened.



Factory pre-fabricated concrete foundation stripes for the surface version with or without concrete ramps.

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.

