

"WWS" WHEEL WEIGHING PLATFORMS



Wheel and axle weighing WWS platform.

Platforms designed for creating weighing stations for large sized vehicles fitted with twinned wheels or large sized tyres (articulated lorries, tractor-trailers, building yard vehicles, etc.); fitted with integrated wheels for easing the transport. Particularly suitable for dynamic weighing.

FEATURES

- Platform dimensions: 900x611mm. Height 58mm. Weight approximately 41,5kg.
- Loading surface: 900x500mm.
- Fitted with wheels for transporting the platform.
- Sturdy structure, made in special aluminium, which guarantees lightness and makes these suitable also for harsh working conditions.
- Cable with quick connector, platform side.
- 10 m cable for connecting platform to indicator, complete of connectors.
- IP68 stainless steel load cells.
- Hermetic junction box with IP68 protection degree.
- Special vulcanised nonslip rubber applied under the platform for good grip on all surfaces.
- Extremely simple and reliable connection of the scale to the weight indicator.
- Fitted with IP68 protection, with IP68 connector and PUR cable.
- The WWS platforms are patented; the number is 1.342.302.
- Available in legal for trade approved version.
- Available in high resolution version.
- Available upon price estimate in Atex version for 1&21 e 2&22 zones.

NOTES ABOUT THE LEGAL FOR TRADE APPROVED VERSIONS

- Legal for trade systems with more than one WWS, are fitted with the approval of the weight sum and related division:
Exemple for a 4 pads system
Single CE-M Platform: **Max**=1500kg and **e**=0,5kg
CE-M SUM: **Max**=6000kg and **e**=2kg

- The platforms are for legal for trade use:
 - In the **single-platform systems**, not used to weigh vehicles.
 - In the **wheel weighing systems** in which the number of platforms is equal to the number of vehicle wheels.
 - In the **axle weighing systems** composed of one or more multiples of WWS platforms, except possible limitations of use for some European States.
- The axle weighing systems with 2 WWS platforms and a 3590E "AF09" weight indicator are OIML R134 certified for the dynamic vehicle weighing, according to the legal standards in force in the Country of use.
- The CE-M legal for trade divisions indicated in the "version" table are available with ECEM option. ECEM option is needed for each legal for trade platform of the system.

AXLE WEIGHING SYSTEM INSTALLATION: USEFUL INFORMATION

RULES FOR AN OPTIMAL INSTALLATION OF THE SYSTEM

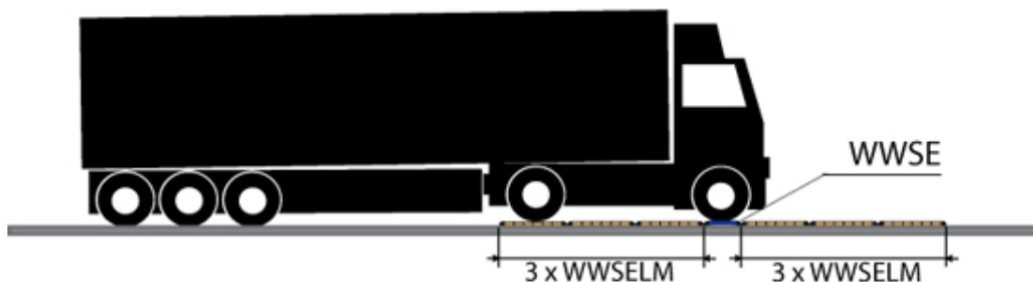
1. The resting surface below the modules should be coplanar and well levelled; this surface should have a hardness of at least 100 kg/cm² (usual value for the reinforced concrete).
NOTE: a too high inclination can sensibly lessen the precision of the system.
2. In the axle weighing, create a well levelled area and then the weighing platforms, with a suitable length.
3. The bottom beneath the weighing area must sustain, without sinking, concentrated loads equal to at least 1,5 times the maximum capacity of the module.
4. The weighing performance can be influenced by the type of weighed vehicle and the status in which it is maintained.
5. In the axle weighing it's advisable to not weigh vehicles which transport liquids.
6. Once the system is optimised, it is advisable to maintain always the same direction.

WHEN CREATING A LEVELLED AREA BEFORE AND AFTER THE PLATFORMS, IN THE AXLE WEIGHING APPLICATIONS

- The levelled area is necessary when one needs to weigh vehicles with more than two axles. In any case, these are advised in all the axle weighing applications, in order to guarantee better performance. To create the levelled area the levelling modules WWSLM (WWSD/WWSE) or the frame for the platforms flush floor installation WWSC (WWSC), WWSDTF (WWSD) and WWSETF (WWSE) are available.

CHOICE OF THE LENGTH OF THE LEVELLING AREA

- The advisable minimum length of the area depends on the vehicle type, for example for a vehicle with 5 axles the length is 3.5m before and after the platforms, in order to simultaneously maintain at the same level all the axles of the truck and of the trailer.



NOTES: The best weighing condition is obtained by creating a levelling area of a length equal to double that of the longest vehicle to be weighed.

RULES FOR AN OPTIMAL USE OF AXLE WEIGHING IN STATIC MODE

1. The vehicle wheels must be positioned correctly within the guiding bands, avoiding to touch the area around the loading surface.
2. Once the vehicle is positioned, release the brake and turn off the motor.
3. Carry out the necessary weighing operations.
4. It is advisable to not weigh vehicles which have flat tyres.

RULES FOR AN OPTIMAL USE OF THE AXLE WEIGHING SYSTEM IN DYNAMIC MODE

1. Transit at the lowest and most constant possible speed (5 km/h), avoiding braking while weighing.
2. It is advisable to not weigh vehicles which have flat tyres.

All the specifications and images can be subject to variations and upgrades without prior notice.