

' "WWSDRF": WIRELESS WHEEL WEIGHING PLATFORMS



WWSERF wheel and axle weighing platforms.

Wireless platforms designed for creating wheel and axle vehicle weighing stations, avoiding the hassle of connecting cables between the platforms and the indicator. Ideal for weighing larger vehicles (vans, trucks, tankers, trucks etc.); particularly accurate and sturdy, with attention to details.

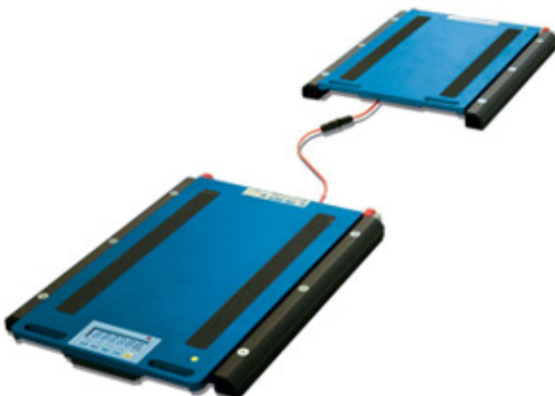
FEATURES

- Platform dimensions: 950x611mm. Height 59mm. Weight approximately 46kg.
- Loading surface: 950x500mm.
- Very handy.
- Sturdy structure, made in special aluminium, which guarantees lightness and makes these platforms suitable also for harsh working conditions.
- Stainless steel load cells.
- Overall IP68 protection.
- Sturdy built-in weight indicator, protected thanks to an IP68 hermetic box.
- Built-in radio module for weight transmission to a remote indicator or external device.
- Integrated wheels for easy transport and positioning.
- Power supply: internal rechargeable battery (about 40 h battery life), kept in hermetic box, and charger included (to not use as power adaptor).
- Special vulcanised nonslip rubber applied under the platform, for good grip on all types of surfaces.
- The WWS platforms are patented; the number is 1.342.302.
- Available in legal for trade approved version.
- Available in high resolution version.

WWSDUAL: Second platform option

- The WWSDUAL option allows you to connect the analog WWS platform directly to the WWS RF platform, without adding modules or batteries, achieving a compact axle weighing scale, versatile and lower cost.

You can use the integrated indicator to totalize axles manually or by remote control, to connect via Bluetooth with tablets and smartphones, or to pair scales and create an axle weighing station using the weight indicators in a suitcase.



NOTES ON THE CE-M APPROVED VERSIONS

- 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 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.
- Legal for trade systems with more than one WWS, are fitted with the approval of the weight sum and related division:

Example for a 4 platforms system:

Single CE-M Platform: **Max**=1500kg and **e**=0,5kg

CE-M SUM: **Max**=6000kg and **e**=2kg

WWS-R: Additional on/off ramps

- Integrated folding ramps, useful to facilitate the boarding and the alighting of vehicles with small diameter wheels or moved with the engine off.



In the example, an application with 2 WWS-R ramps.



In the example, an application with wireless platform, WWSDUAL option, analogue platform, Bluetooth BLTH and DINI SMART AXLE weighing App.

AXLE WEIGHING SYSTEM INSTALLATION: USEFUL INFORMATION

RULES FOR AN OPTIMAL INSTALLATION OF THE SYSTEM

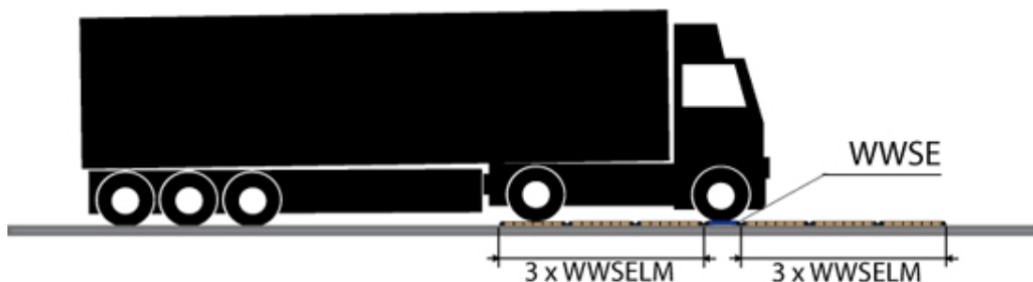
1. The resting surface below the modules should be coplanar and well levelled; this surface should have a hardness of at least 100 kg/cm² (usual value for the reinforced concrete).
NOTE: a too high inclination can sensibly lessen the precision of the system.
2. In the axle weighing, create a well levelled 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 WWSCFE (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.