DINI ARGEO

A RICE LAKE WEIGHING SYSTEMS COMPANY

WWSINFO

AXLE WEIGHING SYSTEM INSTALLATION: USEFUL INFORMATION

The best solution for advanced industrial applications

RULES FOR AN OPTIMAL INSTALLATION OF THE SYSTEM

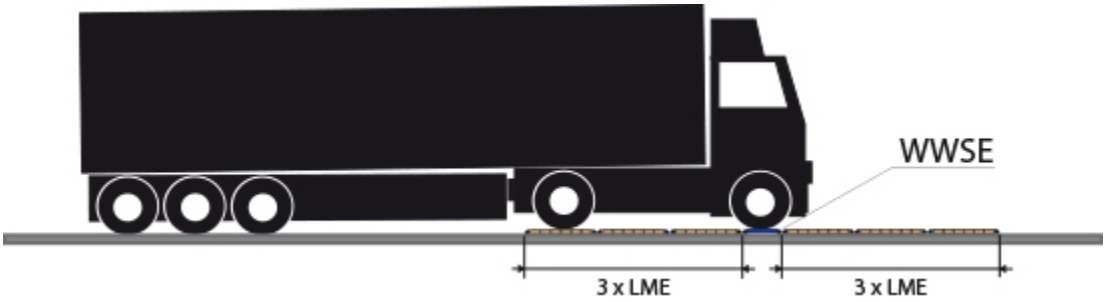
1. The resting surface below the modules should be coplanar and well levelled; this surface should have a hardness of at least 100 kg/cm2 (usual value for the reinforced concrete).
   NOTE: a too high inclination can sensibly lessen the precision of the system.
2. In the axle weighing, create a well levelled area and then the weighing pads, 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 PADS, 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 LME and LMD (WWSD/WWSE) or the frame for the pads flush floor installation WWSCTF (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 3m before and after the pads, 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.

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