

Truck scale MSBW

Compact modular weighbridge in reinforced concrete

The versatile self-assembly modular system!

Steel weighbridge frame as lost cast for the on-site accommodation of the reinforcement and concrete filling

- For surface mounting on strip-type concrete supports with run-on ramps
- For flush mounting with in-situ concrete foundation
Optionally: with precast concrete foundation



Verifiable to PTB, precision class III

Pressure load cells to CE guidelines and OIML recommendations

Easy transportation

Ideal for export: optional delivery of fully calibrated measuring chain (load cells and weighing indicator)

Especially suitable for operation in chemically aggressive environments or in harsh weather conditions



MSBW in-situ concrete solution: Delivery of steel weighbridge frame, on-site concrete

Easily transported modules

The sides and ends of the steel weighbridge frame are delivered in parts. The entire truck scale may therefore be transported at low cost on only one standard truck trailer up to the largest size of 21 m in length. Optionally, the longest sections of the weighbridge may be fabricated on-site according to our plans.

Modular system – on-site work performance

The sides and ends are screwed to form the steel weighbridge frame which accommodates the necessary reinforcement and serves as shuttering for the concrete filling. Qualified fabrication of the foundation (surface mounting) or strip-type concrete supports and run-on ramps (surface mounting) to our construction plans and insertion of the weighbridge modules. The assembly of the technical weighing equipment is performed by our trained personnel. We can optionally also deliver a modular precast concrete foundation.



Insertion of the concrete-filled MSBW steel weighbridge modules

Easy maintenance and cleaning

Easy access for maintenance work and cleaning by removing the crosswise mounted covers. The load cells may be accessed conveniently from above.



Flat design / crosswise traversing

With a mounting depth of 0.50 m the MSBW precast concrete foundation is ideally suited for critical mounting situations that require a shallow overall depth. The flush-mounted version may be traversed crosswise without any problem. When surface-mounted, the overall height is 40 cm..

Standard bridge sizes (LxW)	Weighing range	Load capacity
5 x 3 m	15,000 kg	20,000 kg
6 x 3 m	15,000 kg	20,000 kg
8 x 3 m	40,000 kg	50,000 kg
10.9 x 3 m	40,000 kg	50,000 kg
12.2 x 3 m	50,000 kg	60,000 kg
14 x 3 m	60,000 kg	60,000 kg
15.9 x 3 m	60,000 kg	80,000 kg
18 x 3 m	60,000 kg	80,000 kg
19.6 x 3 m	60,000 kg	80,000 kg
21.1 x 3 m	60,000 kg	80,000 kg

With our digital weighing terminals “DWT” and perfected software the “MSBW” is transformed into an efficient weighing system (see product info on DWT weighing terminals and Winweigh weighing data software). In addition we offer many extras such as ID systems, driver self service terminals, traffic lights, side guideways etc.

- Technical data subject to modification without notice -

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