

Mobile Low-Cost Truck Scale MÜSW-LC

Modular flush-mounted steel weighbridge with digital load cells

Our offer: hiring – leasing - buying

- Shallow, only 31 cm high, compact modular weighbridge
- Robot-welded steel bridges in dismantling modules, with anti-corrosion paintwork
- Bridge module, run-on ramps and support plates completely in high quality steel
- Version as guided scale – open in centre
- With short run-on ramps – only 3 m long!
- Rugged structure, yet may still be implemented flexibly
- Easy assembly, no major on-site preparatory work required
- Verifiable, approved throughout Europe, precision class III, CE-symbol, fulfils OIML recommendations, according to DIN 8119



Ideal for:

- Easy, low-cost assembly
- Temporary use (agriculture, building trade etc.)
- Also, of course suitable for continuous implementation
- Also available without steel ramps + foundation as MSW-LC



- May be easily transported and relocated due to modular design.
- Easy access for maintenance and cleaning due to centre opening along entire length of the bridge.
- Low cost due to specific omission of seldom-used components; no compromises are however made in terms of quality!

Mounting of MÜSW-LC



Step 1: On-site preparation of the foundation – important for problem-free erection !



Step 2: Supplied bridge module elements are screwed to form bridge modules



Step 3: Positioning of the bridge modules on steel foundation strips



Step 4: Mounting of digital load cells in the weighbridge

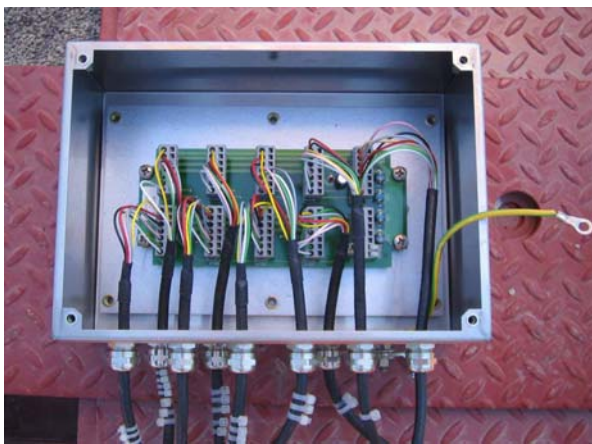


Step 5: Lifting-in and aligning of the run-on ramps. On-site foundation securing for ramps.



Step 6: Drilling and hammering in of the floor spikes with the heavy duty hammer drill for foundation securing





Step 7: Cable running and connection of the digital load cells in terminal boxes. Sealing of the terminal boxes with security stamp.



Step 8: Adjustment of the weighing indicator and test with reference weight (e.g. vehicle, weighing document print-out trial)

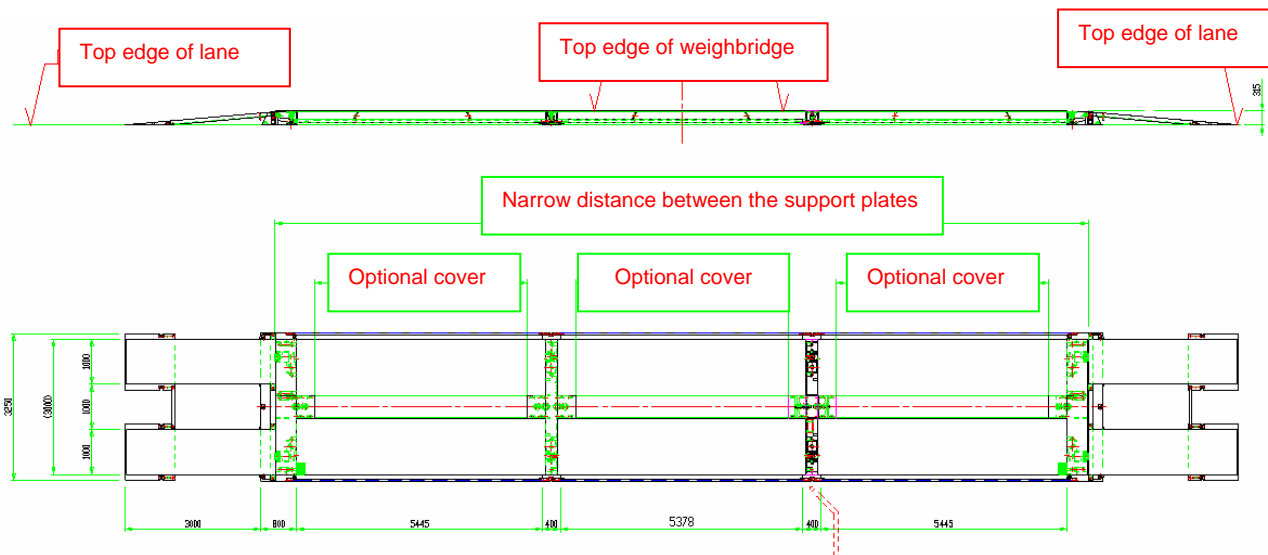


Fully installed, adjusted and tested – ready for calibration !

Technical Data

Standard bridge sizes	Weighing range (No. of load cells)	Load bearing capacity to DIN 8119	No. of modules (Module lengths)
L x W (actual lengths)			
12.2 x 3 m	30,000 kg (6)	40,000 kg	2 (2 x 6 m)
18.0 x 3 m	50,000 kg (8)	60,000 kg	3 (3 x 6 m)

Example / dimensions for 18 m scale

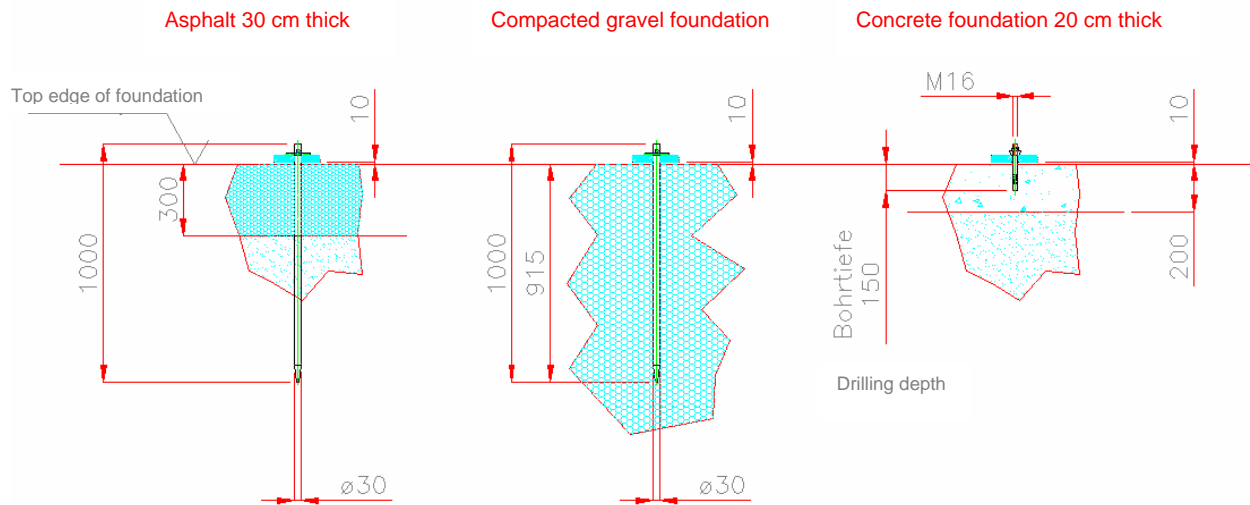


Several securing variants possible due to steel plate construction:

- on load-bearing asphalt / concrete surfaces,
- on compacted, sufficiently supporting gravel and sand bed

Required ground levelness: 1 cm in relation to the entire mounting length on the longitudinal and transverse plane.

Dimension 10 mm required for compensating layer for full-surface support of the foundation plates on any bases



The scale may not be driven over from side to side !

Options:

- Side guides as toppling protection, secured to the weighbridge
- Centre cover plates on the bridge
- Tilted mounting (up to 2,5 % longitudinal or transverse gradient)

Photo:
MÜSW-LC with central,
optional cover plates



With our “DWT” series digital weighing terminals and perfected software, the mobile MÜSW-LC truck scale is transformed into a fully electronic, efficient weighing system.

-Technical data subject to modification without notice-

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**Product information
no. 1279**

08/2006