

MARS – STP

LOW PROFILE PORTABLE WEIGHBRIDGE



Presentation

MARS-STP electronic weighbridge is equipped with steel approaches and a steel foundation. The weighbridge should be installed on a hard and even ground or on shallow reinforced concrete underlays. This type of installation has such an advantage that the weighbridge is not permanently fixed to the ground and can be easily transferred.

MARS-STP weighbridge can be used in the situation when there are problems with rights to the ground or to get building permit or the equipment needs to be transferred.

MARS-STP weighbridge can also be installed on the reinforced concrete foundation that is equipped with short approaches and in the 500 mm deep shallow foundation recess. Then the weighbridge upper surface is on the road level.

MARS-STP weighbridge is a product of a modern technology that is based on our in-house technical solutions and the subassemblies from the world leading companies. The completely steel construction is protected against rust with modern paint coats. Its industrial design ensures long service and reliability.

MARS-STP weighbridge conforms with the requirements of the European Union, Central Office of Measures and OIML and is used for a settlement of payments in Accuracy Class III. After the installation the verification according to the European Community is carried out.

MARS-STP weighbridge is a fully electronic weighbridge. It has a weighing deck of a maximum load from 20,000 to 60,000 kg and dimensions from 6 x 3 m to 24 x 3 m. The weighbridge deck rests on 4, 6 or 8 load cells.

MARS-STP weighbridge was developed in our in-house design office. The weighbridge has been made in our production department. The weighbridge is installed and serviced by our team of installers. We guarantee you the highest quality of our product; the quality that you expect and the one you get.

On choosing our products you support the European industry and promote the European know-how.

Advantages

- Excellent metrological properties
- Portable
- Steel approaches with a foundation
- Installation on an even and hard ground
- Low height — only 290 mm
- Steel, compact, modular construction
- Highest quality paint coatings
- High durability
- Easy cleaning
- Simple and quick assembly
- Low weight
- Possibility of expansion
- Long-standing guarantee

Metrological approval

- Certificate of EC type approval No PL 04 008
- Certificate of EC type approval No PL 04 009
- Certificate of EC type approval No PL 04 010

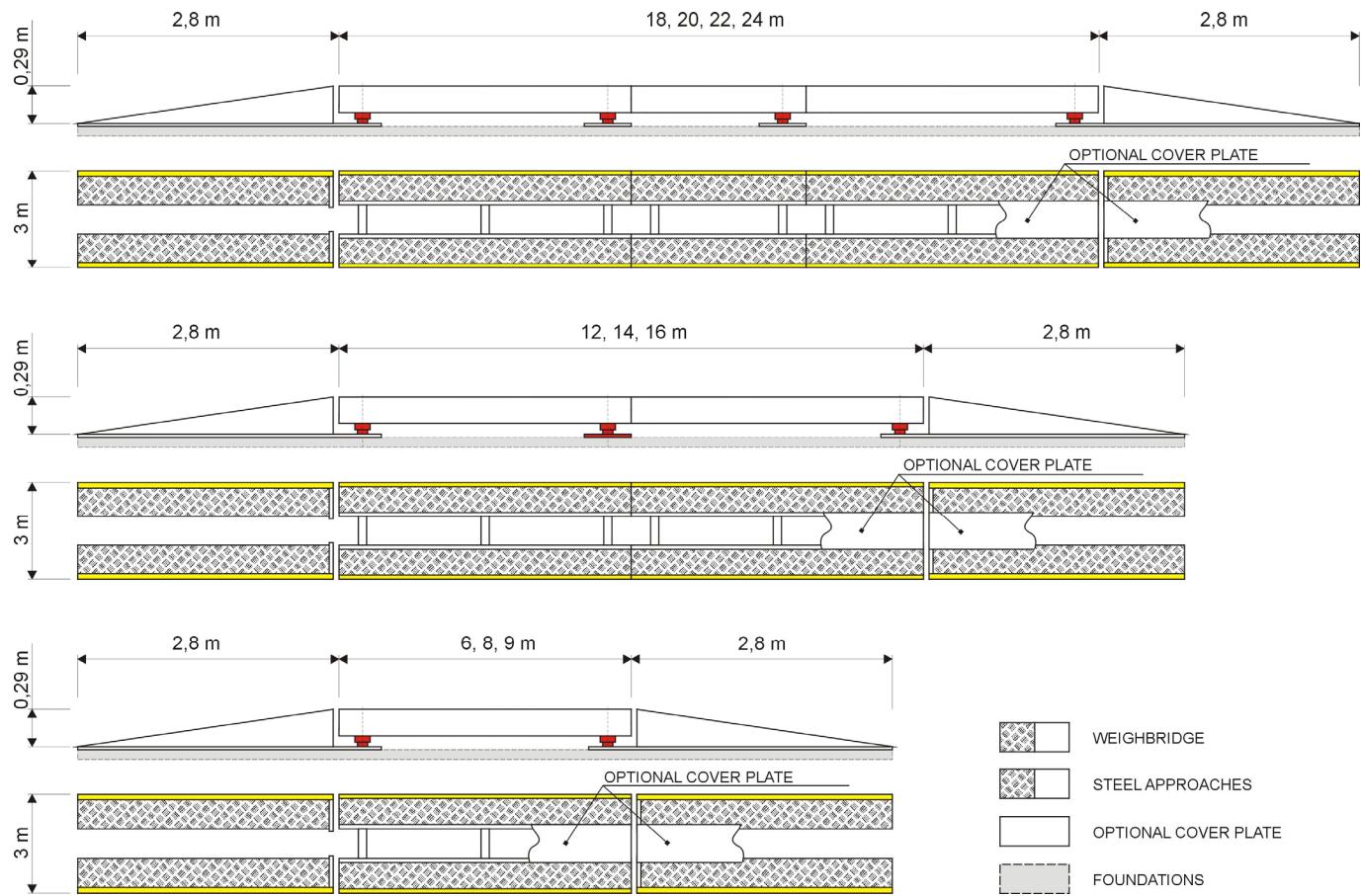
European conformity

- Directive 90/384/EEC with respect to Non-Automatic Weighing Instruments
- Directive 89/336/EEC with respect to Electromagnetic Compatibility
- Directive 72/23/EEC with respect to Low Voltage Equipment

Standards

- PN-EN 45501:1999 — Metrological aspects of non-automatic weighing instruments

m Drawing



m Technical data

		MARS-STP 063	MARS-STP 083	MARS-STP 093	MARS-STP 123	MARS-STP 143	MARS-STP 163	MARS-STP 183	MARS-STP 203	MARS-STP 223	MARS-STP 243
Maximum capacity	Max	t	20	30				50 lub 60			
Minimum capacity	Min	kg		200				400			
Verification scale interval	e=	kg		10				20			
Actual scale interval	d=	kg		10				20			
Accuracy class (OIML)								III			
Certificate of EC type approval								PL 04 008, PL 04 009, PL 04 010			
Numer of platforms sections			1				2			3	
Numer of load cells				4			6			8	
Scale lenght	mm	6 000	8 000	9 000	12 000	14 000	16 000	18 000	20 000	22 000	24 000
Scale width	mm						3 000				
Scale height	mm						290				
Scale lenght with steel approaches	mm	11 220	13 220	14 220	17 220	19 220	21 220	23 220	25 220	27 220	29 220
Temperature range — load cell								- 40°C... + 80°C			
— operating	°C										
— compensated	°C							- 10°C... + 40°C			
Temperature range — indicator	°C							- 10°C... + 40°C			
Protection according DIN 40.50											
— load cell								IP 68 — stainless steel			
— junction box								IP 67 — aluminum			
— indicator								IP 65 — stainless steel			
Power supply	V/Hz							220VAC -15%/+10%, 50-60Hz ±5%			
Power consumption	VA							4, maximum 15			
Scale weight	kg	3 220	4 590	5 070	6 130	7 900	8 870	8 850	11 220	12 200	13 160
Scale weight with steel approaches	kg	4 920	6 650	6 770	7 930	9 700	10 670	10 750	13 120	14 100	15 060

The illustrations are not binding. MASA reserves the right to modify, at any moment, the characteristics of the material described in this leaflet.

Authorized Partner

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