Mobile tower scaffold with aluminium alloy prefabricated elements

EN 1004

Code: see table



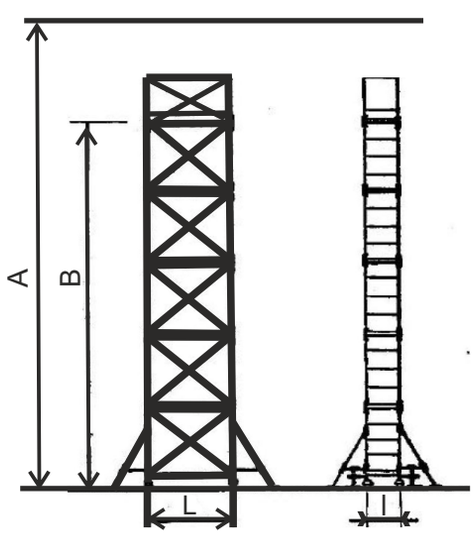
The mobile tower scaffold consists of prefabricated elements and is used for access and work at height in locations where other devices cannot be used.

The scaffold is manufactured in conformity with EN 1004, with a permitted vertical operating loading of 200 kg/m^2.

The scaffold is of modular type, consists of elements easy to connect without the need for special tools, with the following components:
- **base module B type** (1 piece) manufactured from aluminium alloy, with dimensions of 200 x 80 x 180 cm (L x w x h);
- **wheels** (4 pieces) provided with braking system, with a diameter of 200 mm;
- **set of 4 stabilisers** made of aluminium alloy, with a length of 300 cm;
- **intermediate modules** made of aluminium alloy, with dimensions of 200 x 80 x 200 cm (L x w x h);
- **intermediate module** made of aluminium alloy, with dimensions of 200 x 80 x 100 cm (L x w x h);
- **work platforms** with dimensions of 200 x 80 cm (L x w).

Platforms are provided with access hatches, a frame made of aluminium and the platform made of birch plywood, provided with anti-slip elements, baseboard and guardrails.

The maximum height of the scaffold is of 880 cm (model MD200/S/08) and the maximum height of the top working platform: 780 cm + possibility of adjustment by 35 cm by the modification of the wheel foot level.



The scaffold is not provided with stairs on the inside, because its side frames are provided with horizontal ribbed elements similar to rungs located at an appropriate distance for the use as vertical ladder.

The scaffold is of modular type and allows, in case of need, the purchase of additional intermediate sections to increase the total height (the height of the top work platform).

The technical manual specifies a minimum number of platforms with regard to which these scaffolds are authorised.
We recommend the supplementation of their number as follows:
- MD200/S/05 – supplementation by one platform, so that the total number of platforms is 3
- MD200/S/06 – supplementation by one platform, so that the total number of platforms is 3
- MD200/S/07 – supplementation by two platforms, so that the total number of platforms is 4
- MD200/S/08 – supplementation by two platforms, so that the total number of platforms is 4

Tower scaffold type	MD200/S/05	MD200/S/06	MD200/S/07	MD200/S/08
Working height A (m)	6,80	7,80	8,80	9,80
Total scaffold height (m)	5,80	6,80	7,80	8,80
Height of top platform (+0.35 m extension of wheel foot) B (m)	4,80	5,80	6,80	7,80
Base module (B type) H = 180 cm	1	1	1	1
Set of 4 aluminium stabilisers	1	1	1	1
Intermediate module 200 x 80 cm - H = 100 cm	0	1	0	1
Intermediate module 200 x 80 cm - H = 200 cm	2	2	3	3
Complete work platform 200 x 80 cm	2	2	2	2
Total weight (kg)	174	187	197	210
Constraint dimensions for free tower (m x m)	2,0 x 2,0	2,3 x 2,3	2,6 x 2,6	3,0 x 3,0