

STEEL TOWER

Vertical lift module for plates and bars



More space saving in the warehouse



Storage monitoring



Fewer errors



Reduced risks for operators



Improved efficiency



Automatic stacking and separation of
metal sheets on/from the trays

Steel Tower

Automatic vertical system for the storage and picking of bars, section bars, plates and metal sheets

Steel Tower is a high-density automatic storage system with single tower (MM models) or double tower (MB models) modules for bars, section bars, plates and metal sheets.

Material loading and unloading operations are performed by means of a lift
Various coupling (decoupling) devices - between tray and product - are provided, so that storage without pallets is possible.

Every operation, including maintenance, is carried out according to the highest safety standards.

Specifications

- 1 Access door
- 2 Lift motor
- 3 Elevator
- 4 Safety barriers
- 5 Trays
- 6 Semi-automatic shuttle with optional pantograph

Plus

- High storage density thanks to its compact construction
- Intuitive WMS (Warehouse Management System) through proprietary software
- Semi-automatic or automatic operation
- Fast assembly with the 'plug & run' concept

Technical specifications

MODEL*	MMS/MBS3000	MMS/MBS4000	MBB6200	MBB6700
UL	Plates, metal sheets, slabs	Plates, metal sheets, slabs	Bars and profiles	Bars and profiles
MAX HEIGHT (mm)	8.000	8.660	9.880	9.880
MAX NUMBER OF LEVEL PER TOWER (n)	33	33	25	25
UL MAX SIZE (mm)	3.000 x 1.500 3.000 x 2.000	4.000 x 1.500 4.000 x 2.000	6.200 x 720**	6.700 x 720**
UL MAX WEIGHT (kg)	3.000	3.000	3.000	3.000
UL MAX HEIGHT (mm)	90	90	300	300
PITCH BETWEEN (mm)	190	210	360	360
PICKING DEVICE	Dragging	Dragging	Dragging	Dragging

*MMS: single-tower machine for sheet metal
MBS: double-tower machine for sheet metal
MBB: double-tower machine for bars

**available space inside the tray



Steel Tower vertical lift module (double tower)
For sheet metal



UL details
For packs of metal sheets



UL detail
For bars and section bars



Steel Tower vertical lift module for sheet metal
(steel industry)



Automated storage system
For metal sheets on trays

MACHINE ACCESSORIES

Outdoor self-supporting solution •

Automatic systems for product
handling and release
(also opposite bays) •



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