


60+
SINCE 1961

MP ENTERTAINMENT SECTOR



ENGLISH

 **PILOSIO**
SCAFFOLDING & FORMWORKS

 Made in Italy

MP MULTIDIRECTIONAL SYSTEM FOR THE ENTERTAINMENT INDUSTRY

The MP Multidirectional system is a modular scaffold in hot-dip galvanised steel that allows, thanks to the addition of specific items, the construction of structures for stages, audio/video towers and direction towers and grandstands as it combines flexibility, safety and speed of assembly.

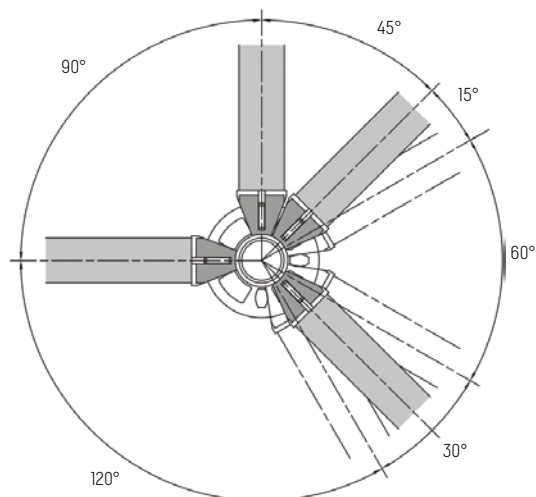
The wedge with clamp and rosette connection ensures fast, accurate, and fully safe assembly. The system is suitable for any use and for any sector, such as construction, renovations, viaducts, industrial maintenance, shipyards, entertainment, and more.

MP SYSTEM ADVANTAGES

- 360° connections thanks to 8 holes on the rosette;
- Wedge, clamp and rosette fastening gives the structure high rigidity;
- Quick and easy to assemble;
- Extremely flexible and sturdy;
- Great maneuverability;
- No design limit;
- High quality made in Italy.

Equipment complying with current regulations: NTC 17.01.2018, Eurocode 1, Eurocode 3, Eurocode 9, UNI EN 13200-1, UNI EN 13200-3, and UNI EN 13200-6.

A static check of each structure is required.





FLIGHT OF STEPS

With the same system, flight of steps with risers from 25 cm to 50 cm can be created with 200 cm transoms, 200x100 cm stage decks, and a specific transom.



Pilosio stage with four 200x200 cm modules.

PILOSIO STAGE FEATURES

- Standard stage modules: 200x200 cm and 200x100 cm, minimum height from the ground 130 cm;
- Same modules to create platforms and flight of steps with a minimum height from the ground of 40 cm;
- Stage load capacity 700 kg/m² - Class 4;
- Transoms in aluminum alloy EN AW 6005A T6, size 50 cm, 100 cm, 150 cm, and 200 cm; weight of 200 cm transom: 13.5 kg;
- 200 cm front or side access stairs with HGH (non-slip) decking;
- Safety guardrails with MP ledgers or prefabricated guardrails for public access.

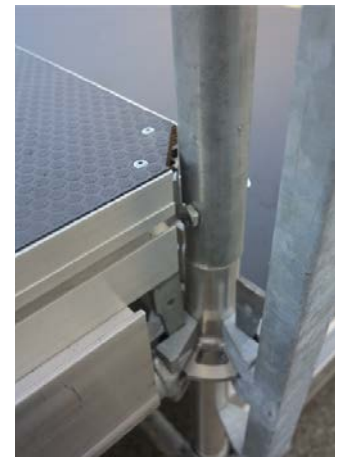
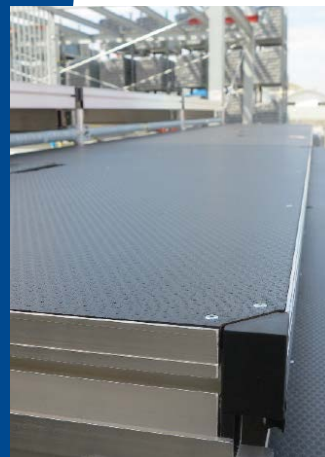


Thanks to the flexibility of the MP system, it is also possible to create stage walkways and access ramps of any size.

The stages can be integrated with single or double MP towers or MP Walls of various heights, connected to the stage for hooking up the roof-lift motors and audio-lighting system, and can be darkened and protected with PVC sheets installed on special aluminum rails. using clamps. The MP structure ensures a perfectly coplanar assembly of all stage boards with heights, sizes, and shapes adaptable to any requirement.

SCAFFOLDING BOARDS: CHARACTERISTICS

- For both indoor and outdoor use;
- Size 200x100 cm, 200x50 cm, 100x100 cm, thickness 92 mm; weight of 200x100 cm board: 35 kg;
- EN AW 6082 T6 aluminum profile; Non-slip 15-mm multilayer wood stage deck with fire reaction class Bfl-s1;
- Special PVC corners that ensure an even plane and allow perfect coupling of the stage decks with the MP standards;
- Clamp connecting the stage boards to prevent displacement.



Non-slip stage decks ensure a perfectly flat surface with excellent aesthetic impact. Special PVC corners are easily removed to accommodate the presence of vertical standards.



MP SYSTEM FOR AUDIO/LIGHTING TOWERS, CONTROL TOWERS, AND STAIRWAYS

The MP system's high load capacity, modularity, and wide range of standard components allow the creation of audio/light towers and control towers of any shape, size, and capacity, independent or connected to the MP stage structure, to meet numerous needs.

Different types of staircases and stair towers for all needs are also achieved with the MP system.



DIRECTOR'S TOWERS

Standard modules with 200x200 cm and 250x250 cm base and variable heights provide an easy workspace for the director and his/her equipment. They are supplied with access decks with ladders or with convenient access stairs with aluminum ramps.

Possibility of adding a roof and side closures.

SOUND AND LIGHTING TOWERS

Standard modules with 200x200 cm and 250x250 cm base and variable height can be integrated with steel decks, roof and side closures as needed.



ACCESS STAIRS

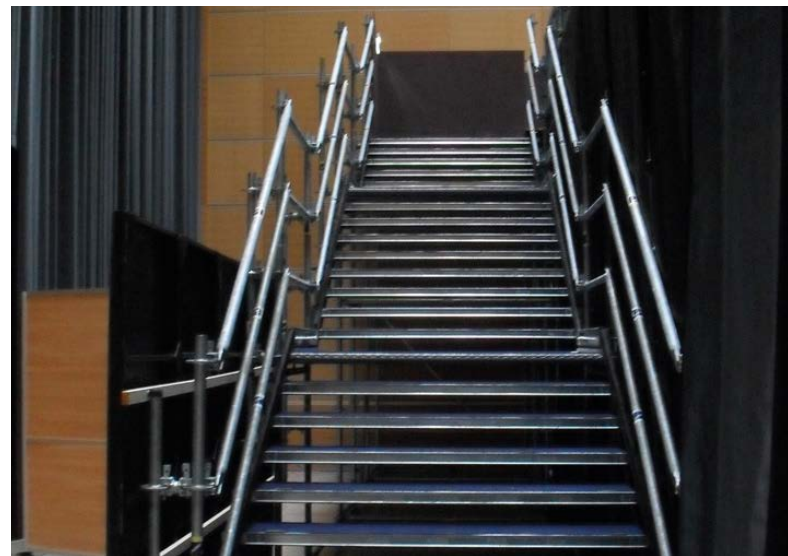


ACCESS STAIRS Whether it is access stairs for artists and technicians, or the need to provide access for the public or outflow in case of an emergency, the high capacity and modularity of the MP multidirectional system allow for various configurations of stair towers suitable for the public, equipped with prefabricated railings according to current regulations.

Stair towers can be built with any requested height.

SIZE OF A DOUBLE FLIGHT STAIR TOWER

- Passage width 150 cm;
- Stair tower footprint 550x300 cm;
- Ramp height 150 cm;
- Landing size 300x150 cm;
- 16.7 cm step riser.



MODULAR GRANDSTANDS AND FLIGHT OF STEPS BUILT WITH THE MULTIDIRECTIONAL MP SYSTEM

The Multidirectional MP system combined with a few specific modular components is also suitable for building grandstands with seats and flight of steps without fixed seats of any length, depth, or height to meet any client's requirement.

Grandstands and flight of steps can be protected by a rear Wall with MP scaffolding elements with a cantilevered T74 Event aluminum roof and screened by PVC sheeting secured by special aluminum rails and clamps.

The modular access stairs are 150 cm wide.

The high flexibility and capacity of the MP system allow for the easy creation of custom structures in any length and depth.

ADVANTAGES

- Speed of assembly and disassembly;
- Ability to handle height differences;
- Variable depth and length;
- Various possible configurations.

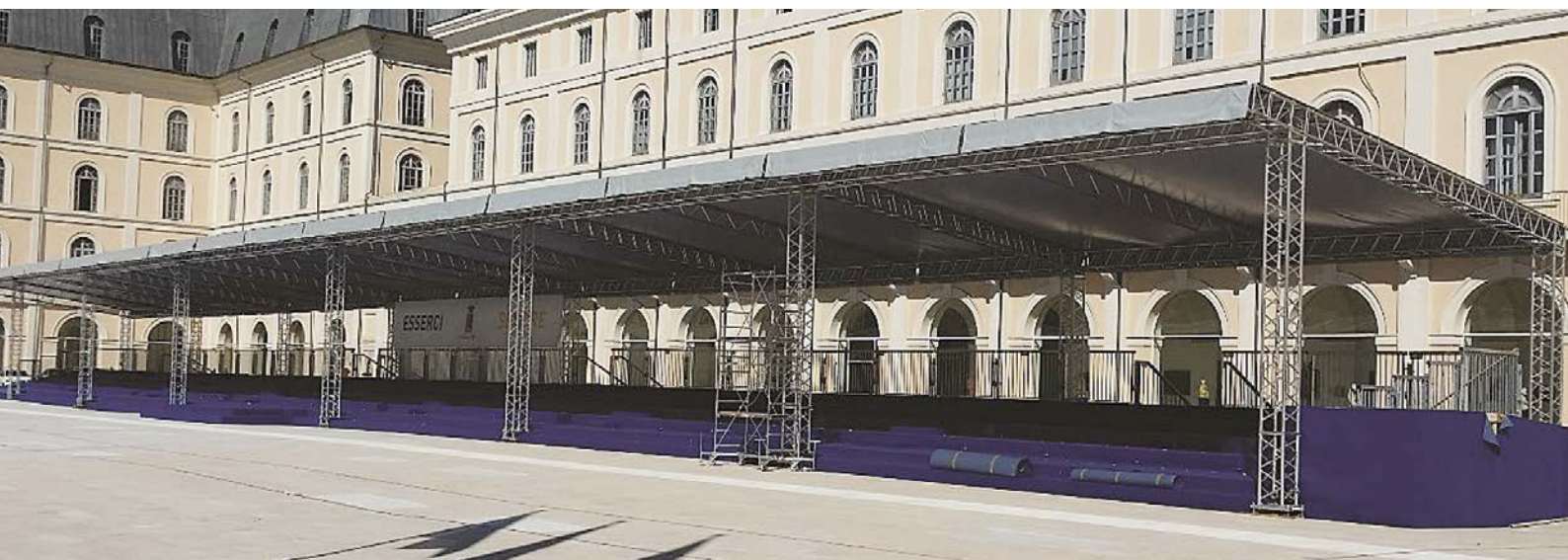


FLIGHT OF STEP

Pilosio's flight of steps are made of the same standard elements that make up the stages. Lengths and depths can be obtained at will with 2 m span in width and 1 m in depth to accommodate the needs of each event. They come with safety railings on all exposed sides and access steps that comply with current regulations.

CHARACTERISTICS

- Standard module 200x100 cm and 50 cm riser;
- Front infill boards;
- Access steps 150 cm wide;
- Safety guardrails on all exposed sides.



GRANDSTANDS

Pilosio grandstands, with a 200x250 m base module, are made of galvanized steel stepped frames, a walking surface with steel decks, specific components for stairs, guardrails, and infills with MP modular support structure. They can be made with or without a front walkway. The starting module for the front walkway is 150 cm wide with a standard height of 130 cm; however, this first module may be placed at a higher height to allow spectators to have a view from above. In case there is no front walkway, the base frame will start directly from the ground. The first module can be placed at a height less than or equal to 60 cm, with the first row at the level of the base floor with less material and more compact dimensions. The access stairs can be placed at will on all sides of the grandstand. Double seating options with aluminum and plywood bench or galvanized steel with comfortable fire retardant PVC seats. All exposed sides are protected by safety railings according to current regulations.



CHARACTERISTICS

- 200x250 cm base module made of hot-dip galvanized steel;
- Access stairs 150 cm wide;
- Safety infill boards;
- Aluminum and plywood bench;
- Seats made of class 1 fire-retardant PVC;
- Various seating options and configurations.

T74 T110 EVENT ROOF

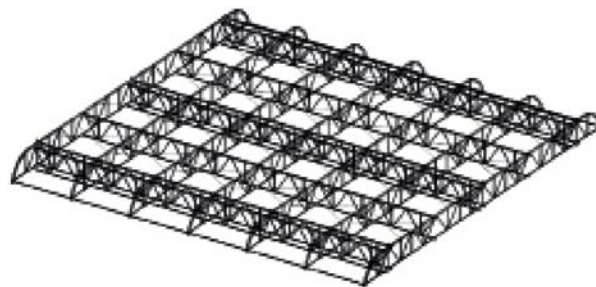
Flat aluminum roofing with modular beams and PVC tarpaulins consisting of load-bearing lattice girders of two heights, 74 cm, and 110 cm, forming a 200x250 cm mesh lattice with quick-connect stiffening braces to ensure high load-bearing capacity over the entire surface. The roof is used as protection and allows the connection of sound and lighting systems.

CHARACTERISTICS

- High-performance aluminum alloy EN AW 6005A T6;
- Braces with a patented quick-connect system that greatly reduces assembly time;
- T74: maximum front size 20 m, depth from 7.50 m to 20.00 m;
- T110: maximum front size 24 m, depth from 7.50 m to 20.00 m;
- 125 cm, 150 cm, 200 cm, and 250 cm aluminum modular beams with single-rail upper tarpaulin-support profile and 48.3x4mm lower ledger;
- Beam connection with aluminum spigot and cotter pins;
- Cantilevered aluminum roofing: sizes from 4.70 m to 8.60 m;
- Lifting by means of 4-8 motorized winches;
- Cover consisting of a 650 gr/m² PVC-coated polyester weft and Class 2 fire rating, and system with tensioners that ensure optimum stretching;
- Braces are placed low to the top profile of the beams to avoid uneven roofing;
- Variable configurations depending on the requested load.

ADVANTAGES

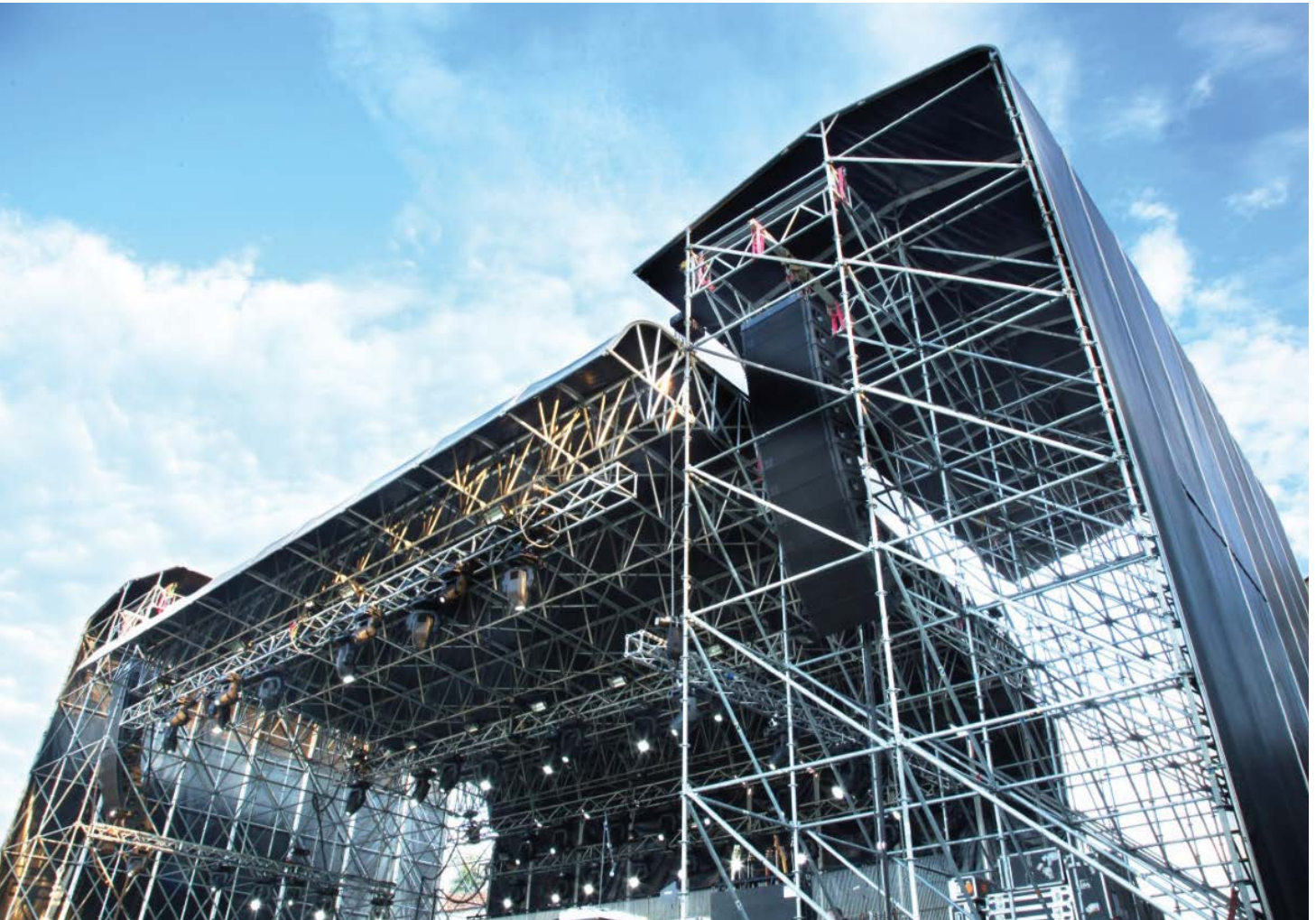
- Great speed and ease of assembly;
- Extreme maneuverability due to lightweight components;
- Modularity allows great flexibility in size;
- High loading capacity;
- It is possible to erect cantilever roofs.



VERTICAL SCREENS

Practical curtain rail system for creating vertical screens with a special pincer clamp that allows quick connection of the aluminum rail profile to the scaffolding structure.

LOAD-BEARING LATTICE STRUCTURES FOR SOUND AND LIGHTING SYSTEMS



Flat roofing properly reinforced to ensure high load-bearing capacity with 110 cm high beams.



Large T110 roof, 19.5 m x 16 m, for an Ennio Morricone concert



Possibility to create cantilevered roofing sizes from 4.70 m to 8.60 m using a specifically shaped lattice beam connected to a back wall made of MP Multidirectional scaffolding to protect grandstands and walkways.



Exclusive decorative grating elements and lighting structures manufactured ad hoc by Pilosio for Ermal Meta's 2022 summer tour.



MP scaffolding used as shelter for a show room in Milan.



PILOSIO
PONTEGGI E CASSEFORME



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