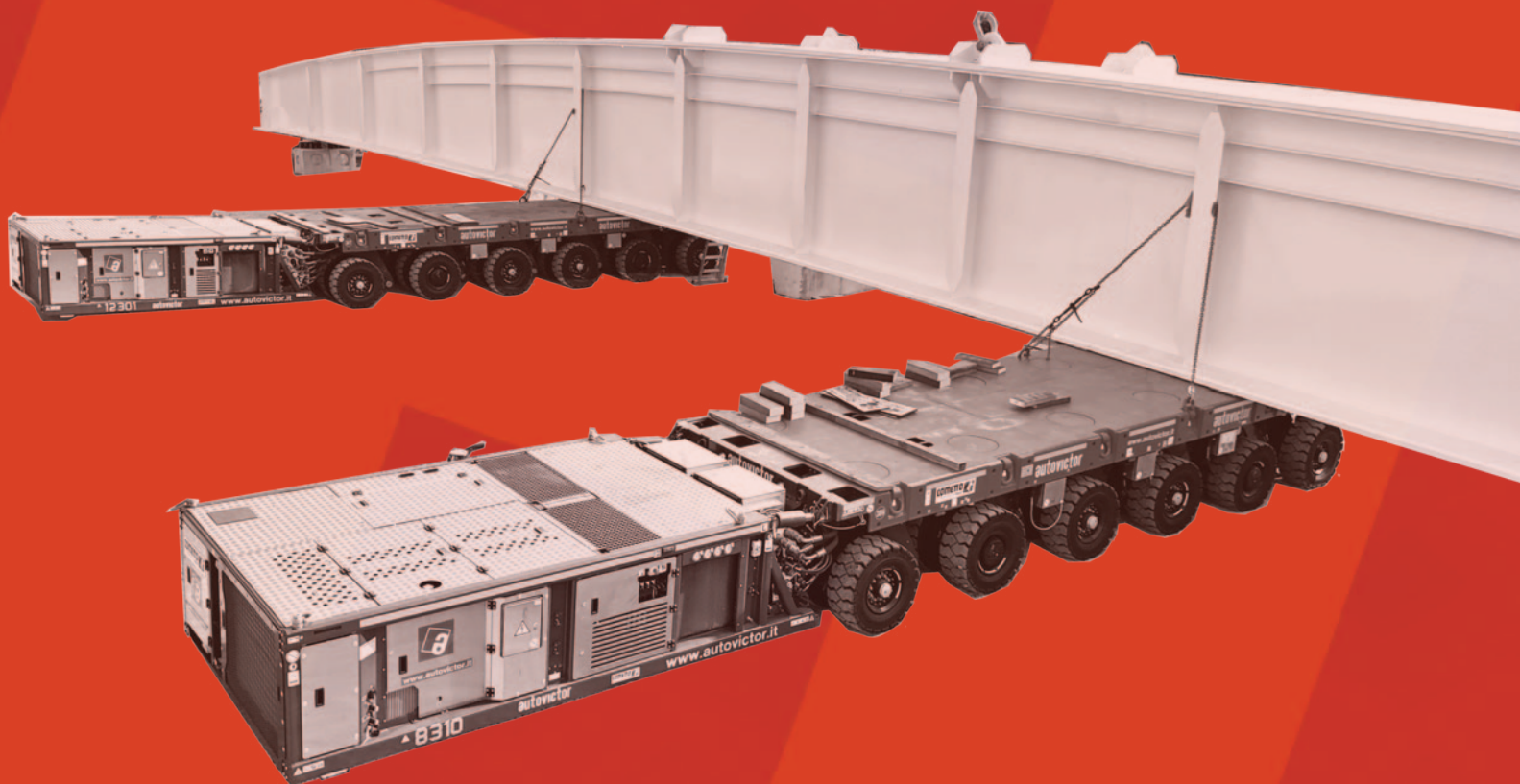


autovictor

 Keep on moving to the future.

Self-Propelled Modular Transporter SPMT



- Capacity: 48 ton per axle
- 4/6 axles per trailer
- Max. capacity 6-axle trailer: 288 ton

SPMT

Self-Propelled Modular Transporter

What are Spmts?

- **Type and purpose:** Autovictor's self-propelled modular transporters (SPMT) are designed to transport oversized loads.
- **Modular configuration:** Each transport unit is modular, with 4, 5 or 6 axles, and can be assembled with others for different configurations.
- **Connection:** The units are connected via hydraulic and electrical systems, or only electrical in some cases.
- **Module structure:** Each module has a sturdy frame, avoids twisting and is resistant to bending, with an axle load capacity of up to 60 ton.
- **Propulsion Unit (PPU):** Mounted on one end of the trailer, it uses diesel engines (78-320 kW) to drive hydraulic pumps and provide power to the module.
- **Steering system:** Electronically controlled with 9 selectable programs, it allows rotation of up to 260° for each axle.
- **Positioning flexibility:** Programmable steering allows units to be positioned within a 100 meter radius and controlled as a single unit.
- **Certifications:** The trailers are CE certified, approved and equipped with a license plate for transport on public roads.



Usage of the trailers

SPMT for heavy transport activity

- **Main Use:** Autovictor, with the acquisition of the latest generation self-propelled modular transporters, becomes an essential partner for all those who need oversized transports, guaranteeing a complete package in transport and lifting activities.

With more than 450 vehicles divided into high-capacity crawler cranes, mobile cranes, articulated trucks, aerial platforms and telescopic handlers, Autovictor is able to satisfy every specific need, supported by a high-profile internal technical engineering department.

- **Areas of Use:** Autovictor SPMT trailers, thanks to its load-bearing capacity (through an extremely powerful and effective system) and thanks to its versatility and ease of handling, it is able to operate in congested areas such as refineries and sites under construction, where the use of reliable equipment is necessary in order to always carry out the transport of objects of large dimensions and weight in a

complete safety manner.

- **Main Markets:** there is no sector where Autovictor modular forklifts cannot operate.

In the civil sector, in the heavy haulage, for example, of bridge sections or infrastructure; in the Petrochemical sector for the transport of reactors or items built for the Oil & Gas market; in the Energy and Renewables sector, for the transport and eventually installations of wind turbines, turbines and generators; in Industrial Plants in general, where transport or assembly of out-of-shape or oversized structures with very high weights is required.

The Autovictor modular self-propelled trailers, so technologically advanced, can therefore operate in any environmental condition supported by technical and engineering personnel with proven experience and "know-how".



SPMT Steering System

Steering Configurations

- **Steering system advantages:** SPMTs have an advanced steering system that offers greater benefits traditional over hydraulic trailers.

- **Electro-hydraulic control:** steering is managed by electro-hydraulic engines, not by mechanical systems, for greater precision.

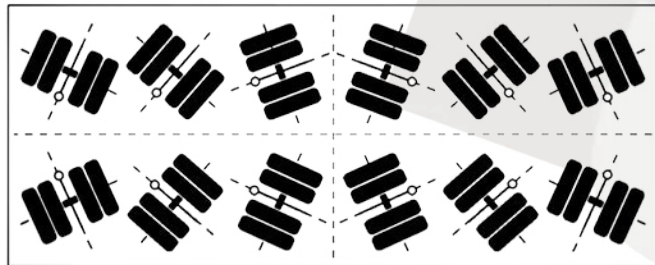
- **Axis independence:** each axle moves independently and is controlled by a computerized system, allowing a rotation of 270° (+135°/-135°) for each trailer.

- **Remote console:** the position of the wheels is regulated via a remote console, with nine steering programs available.

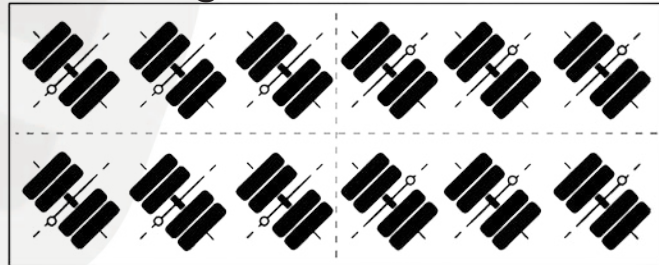
- **Coordination between SPMTs:** it is possible to synchronize steering control in groups of SPMTs, so that all trailers rotate around a single point.

- **Hydraulic cylinders:** each trailer is supported by a hydraulic cylinder, which can be connected to others to maintain a load balance on uneven, inclined or sloping terrain.

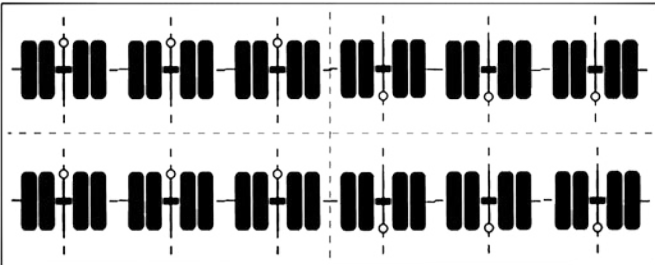
Circular Drive



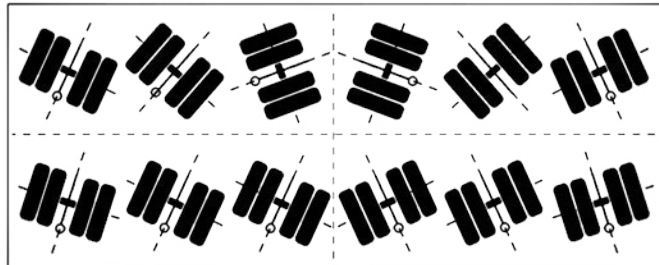
Diagonal Drive



Lateral Drive



Normal Drive



Dettagli Tecnici Spm

Technical Details and Measurement

-Lines / Axles : **4/6**

-Capacity per Axle: **48 ton**

-Max. Load: (4 axles) **190 ton**
(6 axles) **260 ton**

-Dead Weight: (4 axles) **18 ton**
(6 axles) **26 ton**

-Platform Height: **1500 mm**

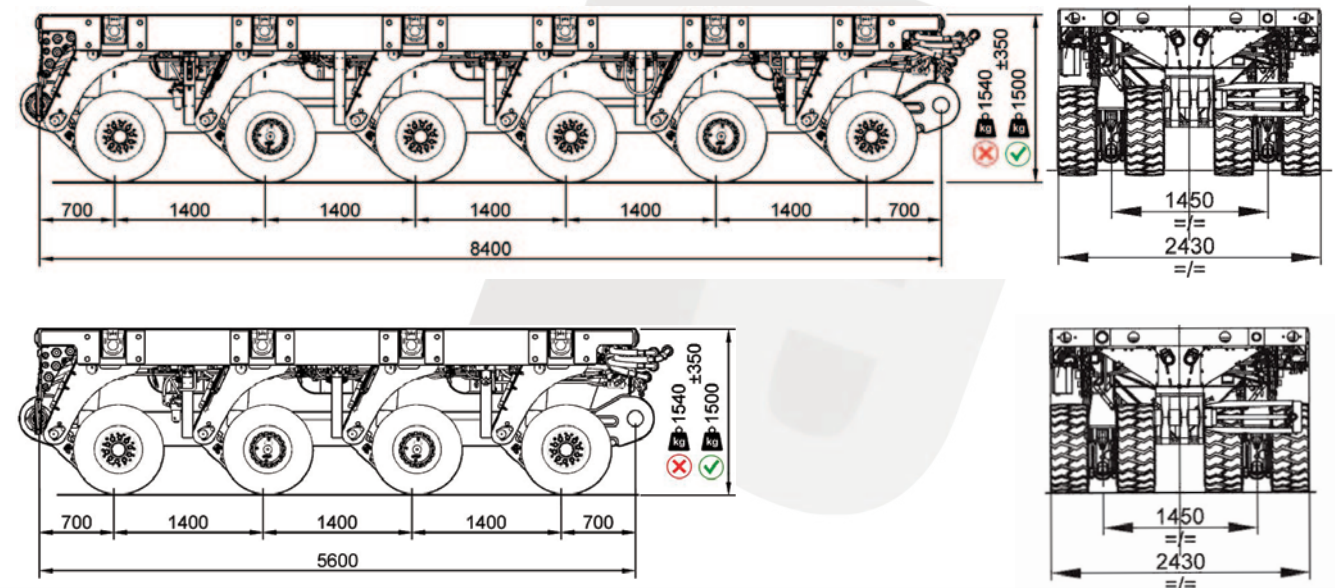
-Dim. Trail.: (4 axles) **5600 x 2430 mm**

(6 axles) **8400 x 2430 mm**

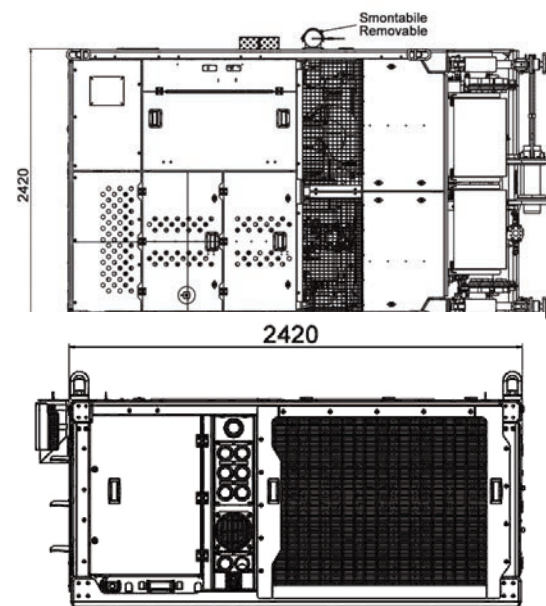
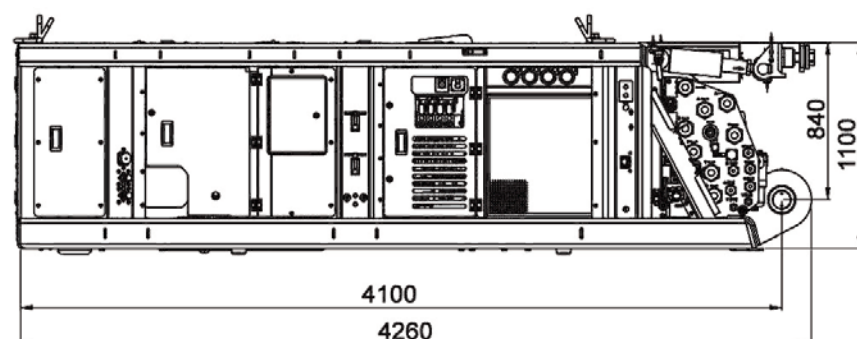
-Trailer Extension: **+/- 350 mm**

-Year of Construction : **2025**

-Manufacturer: **Cometto**



SPMT PPU (Power Pack Units)



The MSPE Cometto Power Pack Unit (PPU) with 202 kW (271 horsepower) Deutz engine is the power supply and control unit dedicated to the systems SPMT self-propelled modular vehicles, designed for heavy-duty applications in the exceptional transport and industrial handling sector.

The unit integrates a high-performance Deutz diesel engine combined with a hydrostatic transmission, with electronic management of the traction, steering, lifting and synchronization functions of the modules. The system guarantees high operational precision even in multi-axes configurations and during high-load movements.

The wireless radio control allows complete control of

the convoy remotely, allowing precise maneuvers in confined spaces, millimetric translation operations, synchronized rotations and tailing activities in support of crane lifting.

The Cometto electronic platform also allows the synchronization of multiple PPUs within the same SPMT convoy, ensuring optimal power distribution, coordinated management of modular lines and maximum configuration flexibility.

Compact and designed for continuous use on infrastructure and industrial construction sites, the Deutz 202 kW MSPE PPU guarantees reliability, high control capacity and operational continuity even in the most demanding working conditions.

Experience in Recent Projects



POWER & RENEWABLES

Within the power and renewables sector, SPMTs are the right choice for the transport transformers, energy modules, wind components and electric skids. The modular configuration and high load capacity allow safe and precise movements even in highly complex systems.



TAILING

In tailing operations, SPMTs support mobile and crawler cranes during the rotation and positioning of oversize items. The independent hydraulic control allows synchronized movements and safe management of loads during lifting phases.

SPMT

Projects in various sectors



CIVIL

SPMTs allow the handling and positioning of prefabricated products such as bridges, beams, tunnels, viaducts. Thanks to the multi-directional steering and high maneuvering precision, they operate effectively even on construction sites with limited spaces and complex operating conditions.



HEAVY INDUSTRY OIL & GAS

SPMTs are used in the hauling activity of heavy-duty components such as vessels, reactors, columns and modules. The hydraulic leveling and electronic control systems guarantee stability and precision even in refineries and industrial plants with reduced operating tolerances.



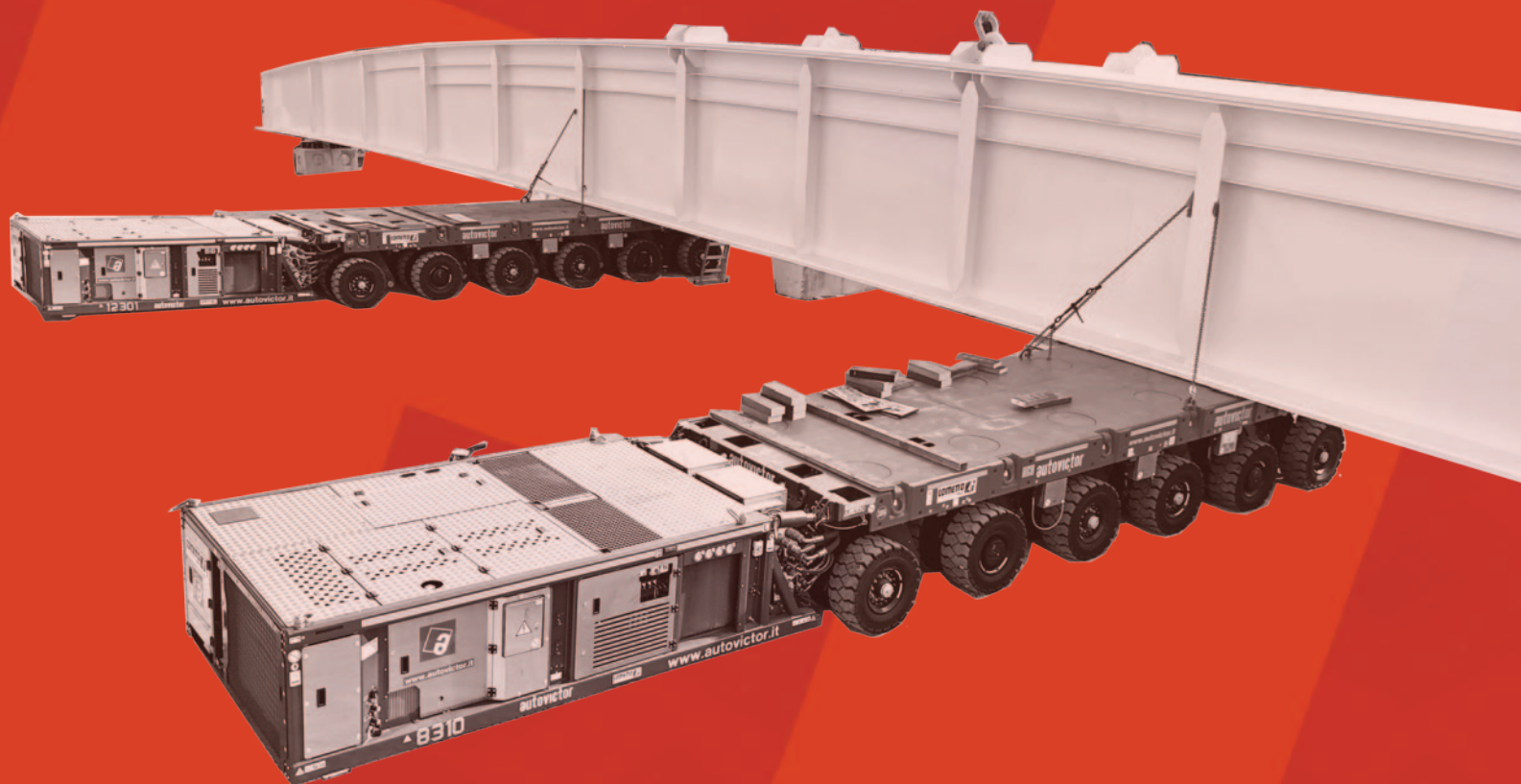
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