



# THE NEW DEFINITION OF HEAVY TRANSPORT





SEAL SPMT is engineered to meet the heavy-duty transportation needs of large-scale components such as ship structures, construction equipment, bridges, and wind turbines. It is equipped with a load balancing system, high maneuverability, a modular design, and a self-propelled drive system.

Thanks to its easily accessible components, digital fault diagnostics, and quick part replacement, SEAL SPMT ensures safe and efficient transport without interrupting operational workflows.

## SEAL SPMT THE NEW DEFINITION OF HEAVY TRANSPORT

### FEATURES

#### 1. Maneuverability

Equipped with multi-axial steering capability, SEAL SPMT enables the safe transport of bulky or heavy loads even in confined spaces.

#### 2. Maximum Stability

Thanks to its enhanced structural stability, SEAL SPMT ensures safe operation in challenging conditions such as narrow roads, steep slopes or adverse weather.

#### 3. High Load Capacity

SEAL SPMT modules can be quickly combined and extended to meet project-specific requirements, enabling scalable transport capacity based on the load.

#### 4. Multiple Steering Modes

SEAL SPMT features a variety of steering modes including crab walk, 360° rotation around its own axis, forward reverse movement, and 45-degree diagonal drive. These modes provide precise and safe maneuverability in even the most demanding work environments.



## 5. Modular Operation

With its modular architecture, SEAL SPMT can adapt to transport loads of varying sizes and shapes. This flexibility allows it to be customized for a wide range of project needs.

## 6. Self-Propelled System

As a self-propelled vehicle, SEAL SPMT requires no additional towing equipment. This not only provides maximum control and safety during transport but also significantly reduces labor and equipment costs.

## 7. Digital Fault Diagnostics

The integrated digital diagnostic system enables rapid response to operational issues. Real time monitoring and alert capabilities minimize downtime and reduce the risk of delay due to mechanical failures.

## 8. Easy Component Access

All components of SEAL SPMT are designed for easy accessibility. This streamlines maintenance and repair processes, enhancing operational efficiency and minimizing both downtime and service costs.

## 9. Quick Component Replacement

Thanks to its modular components and standardized connection interfaces, part replacements can be completed rapidly ensuring that transport operations continue with minimal interruption.



# SEAL SPMT AREAS OF USE

**SEAL SPMT** is a highly versatile and robust solution designed for the transport of heavy and oversized structures, equipment, and industrial components. With its wide range of applications, it enhances safety, precision, and efficiency in complex heavy transport operations.

## 01. Shipbuilding & Shipyards

Used in transporting ship blocks, assembly operations, and launching vessels.

## 02. Defense Industry

Ideal for moving heavy military equipment and sensitive defense systems

## 03. Heavy Construction Equipment

Used for transporting massive cranes, towers, and other construction machinery.

## 04. Bridge Transport & Installation

Facilitates safe and stable movement of large bridge segments.

## 05. Modular Structures & Building Units

Efficient for transporting heavy modular buildings and architectural units

## 06. Petrochemical & Refinery Facilities

Used extensively for moving large process equipment and pipeline systems.





## 07. Wind Turbine Components

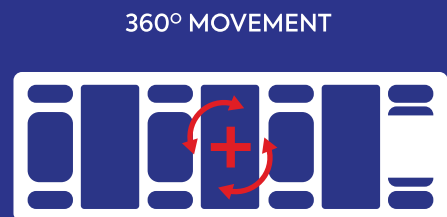
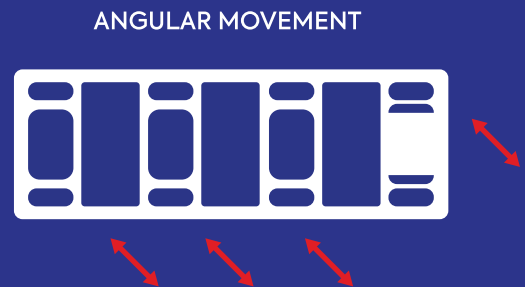
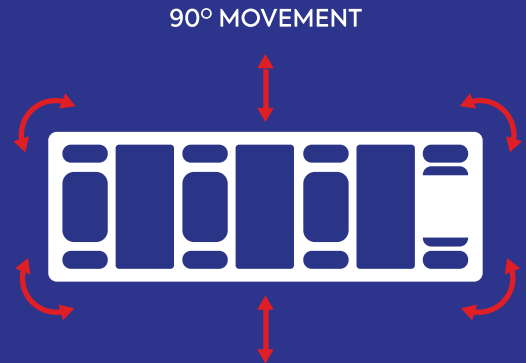
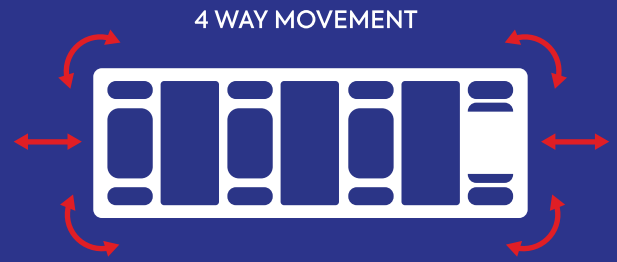
Ideal for transporting wind turbine towers, blades, and generators.

## 08. Power Plant Components

Supports the transport of generators, turbines, and nuclear components.

## 09. Mining & Heavy Industry

Efficient for moving mining machinery and heavy industrial equipment on-site.



**Advanced  
Maneuverability  
of SEAL SPMT**







## SEAL SPMT COMPACT TECHNICAL DATA

SEAL SPMT COMPACT	2 AXLE	4 AXLE	6 AXLE
Loading Platform Length	5600 mm	8800 mm	11600 mm
Loading Platform Height - min.	1200 mm*	1200 mm*	1200 mm*
Loading Platform Width	2430-3000 mm	2430-3000 mm	2430-3000 mm
Dead Weight	11.5 tons*	18 tons*	24 tons*
Max. Total Load	96 tons	192 tons	288 tons
Max. Payload	84.5 ton*	174 tons*	264*
Bogie	4	8	12
Driven Suspensions	2	4	4-6*
Braked/idle Suspensions	2	4	4-8*
Tyres Per Suspensions	2	2	2
Max. Speed Unloaded	8 km/h*	8 km/h*	8 km/h*
Max. Loaded Speed	1 km/h*	1 km/h*	1 km/h*
Max. Slope at Full Capacity	%5	%5	%5
Diesel Power Pack Unit	55-85 kW*	85 kW*	85-105 kW





Thanks to its modular structure, SEAL SPMT offers a flexible transport solution for a wide range of projects. Multiple vehicles can be combined to adapt to various transportation requirements, ensuring seamless integration with different load types and project scopes.

## SEAL SPMT COMPACT TECHNICAL DATA

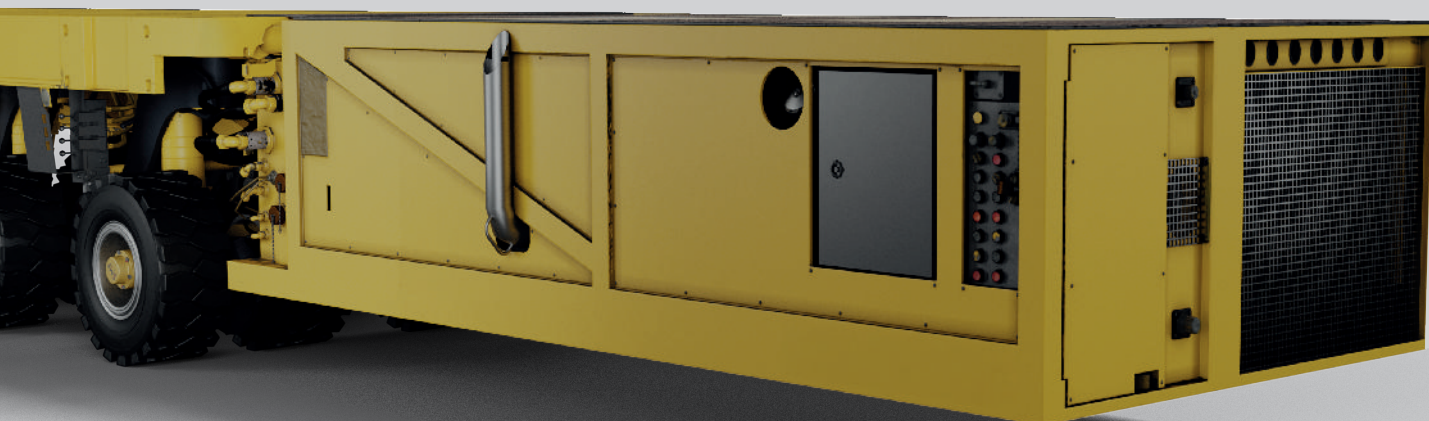
SEAL SPMT	4 AXLE SPMT	6 AXLE SPMT
No of Wheel Bogies – Driven	4	4
No of Wheel Bogies – Braked	4	6
No of Wheel Bogies – Idle	0	2
Total Wheels	16	24
Platform Dimensions, (L x W)	6000 mm x3000 mm or 6000 mm x 2430 mm	9000 mm x3000 mm or 9000 mm x 2430 mm
Platform Height-Lowered (Loaded)	Approx.. 1150 mm	Approx.. 1150 mm
Axle Compensation	700 (± 350 mm)	700 (± 350 mm)
Type of Steering / Steering Angle	Worm gear/ ± 130°	Worm gear/ ± 130°
Payload Max. Approx	144 tons	216 tons
Gross Weight	160 tons	240 tons
Dead Weight Approx	16 tons	24 ton
Max. Loaded Speed	10 km/h	10 km/h



# EASY TO CONFIGURE AND EXPAND TO ACCOMMODATE A VARIETY OF LOAD SIZES AND SHAPES.







## SEAL SPMT POWER PACK UNIT

The Power Pack Unit functions as the central energy source for driving, lifting, steering, braking, and lighting systems.

It is equipped with high performance pumps, motors, hoses, and cables to ensure full compatibility with self propelled modules. This configuration provides a reliable and uninterrupted power supply during operation.







**VERSATILE AND POWERFUL  
SOLUTION FOR THE  
TRANSPORTATION OF  
OVERSIZED AND HEAVY  
EQUIPMENT**





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