

WEWO Palletmover Stacker Datasheet



Find comprehensive details
and specifications of the
WEWO Palletmover Stacker
in the booklet.

www.scanlox.com

WEWO Palletmover Stacker

Reaches Great Heights

Easy Communication

Safety

Various Models

Customization Possibilities



The WEWO Palletmover Stacker AGV is an advanced solution for seamless, automated transport of pallets and other goods with precision and speed. Compared to the *Palletmover*, the Palletmover Stacker AGV is designed to handle vertical lifting, allowing it to transport loads to higher storage positions. Its compact design ensures smooth maneuverability in confined spaces without the need for counterweights.

With a modular structure, it can be easily adapted to specific operational needs, optimizing efficiency in warehouse and production environments.

Performance Data

2.500 mm

Max. Lifting Height

1.300 kg

Max. Lifting Weight

1,6 m/s

Max. Speed

Dimensions

1.926 x 800 x 2.680 mm (L x W x H)

Specifications

Natural Navigation - Top

Navigation Method

RAL7016, RAL1007

Powder Coating

Closed Lift System

Lift System

CE Standard

Certification

Lithium-Ion

Battery

Specification

Details



Pallet

800 / 1.000 / 1.200 EUR format



Boxes

Plastic / wood / metal



Palletboxes

Plastic / wood / metal



Cart



Cages / Rollercages



Exeptions

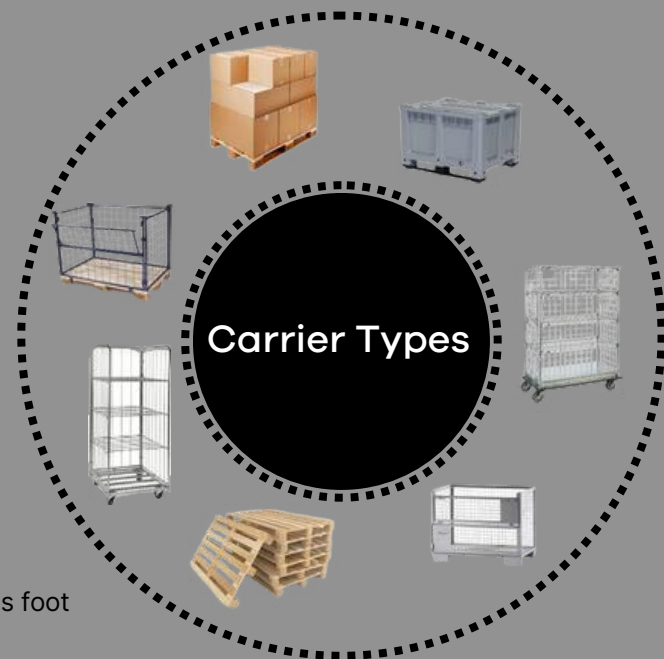
Carriers with closed bottom



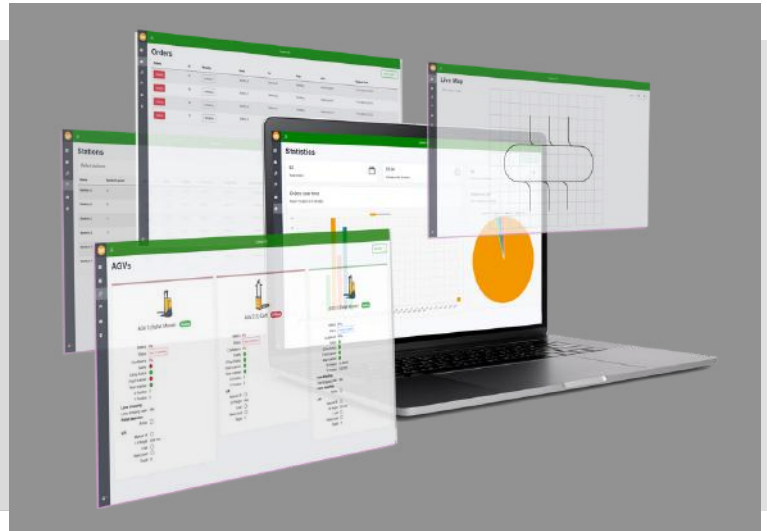
Other types of carriers - inquiry to supplier



NB: The vehicle is not limited by plastic wrap on the pallet's foot



Fleetmanagement & WMS Application



The Fleet Management Software & MES provides all the essential tools to efficiently manage warehouse and production environments. It seamlessly controls multiple AGVs within the same space, optimizing workflow and minimizing disruption.



Task Management

Assign, monitor, and prioritize tasks effortlessly.



Alarm & Traffic Management

Prevent bottlenecks and ensure smooth operation.



Deadlock Prevention

Optimize vehicle paths for continuous flow.



System Integration

Connects seamlessly with MES, ERP, and other enterprise systems.



Comprehensive Product Tracking

Monitors product positions and data in real time.



Seamless Integration

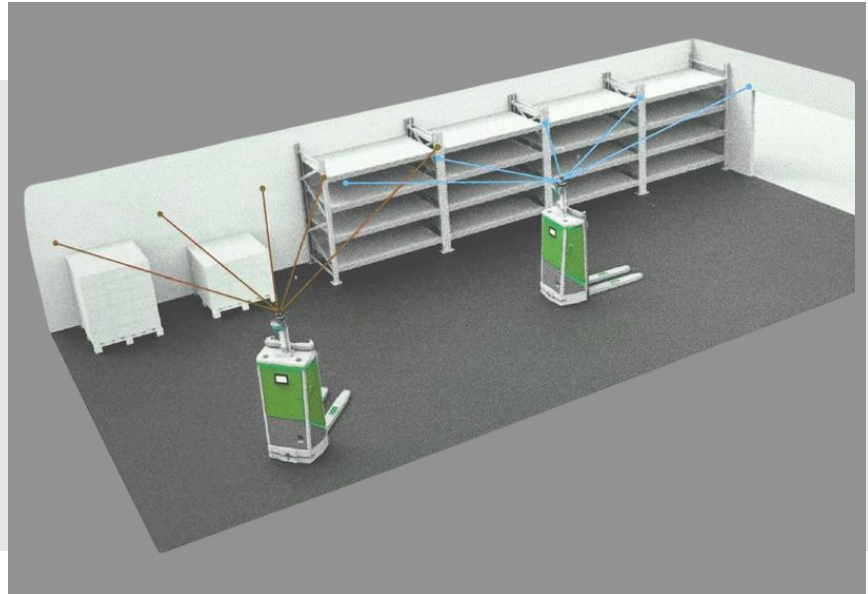
Connects with production lines, machines, and delivery stations.



User Role Management

Ensures secure and efficient system access based on defined permissions.

Navigation Method



The Palletmover Stacker utilizes natural navigation with top-mounted laser scanning to ensure precise and reliable movement.

Equipped with a high-accuracy laser scanner, the system continuously maps the environment, detecting reflectors to determine the vehicle's exact position.

Key Advantages

Highly Accurate Positioning

Advanced laser scanning provides precise location tracking.

Long-Range Detection

The scanner covers a wide area, ensuring efficient navigation.

Reliable in Dynamic Environments

Detects across flexible objects.

Enhanced Stability

Dead reckoning technology further refines positioning for consistent movement.

Safety & Scanners



The AGVs are equipped with advanced safety systems designed to protect employees, infrastructure, and the robots themselves.

They comply with international standards such as **ISO 3691-4** and **EN1525**.

Energy Management

The AGVs feature automatic charging, eliminating the need for manual intervention. When the battery reaches a minimum level, the AGV completes its current task and automatically navigates to an available charging station.

With this intelligent charging system, the AGVs remain operational with minimal interruptions, ensuring maximum efficiency in warehouse and production environments.

Key Advantages

Seamless Integration

AGVs recharge without disrupting operations.

Automated Docking

The integrated power collector ensures precise contact with the charging station.

Programmable Charging Levels

Adjust battery thresholds to optimize uptime and efficiency.

Minimal Downtime

Once charged, the AGV automatically resumes its next task.



Dimensions

