SCANLOX
SCANDINAVIAN LOGISTICS

WEWO Palletmover Stainless Steel Datasheet

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

www.scanlox.com

WEWO Palletmover
Stainless Steel

Easy Communication

Safety

IP65 Classification

Customization Possibilities

The Palletmover Stainless Steel is a robust, high-performance automated guided vehicle designed for harsh environments. Engineered with durability in mind, its stainless steel construction ensures resistance to corrosion, making it ideal for industries such as food processing or pharmaceuticals.

The AGV features an IP65 classification, providing excellent protection against dust and water, ensuring reliable operation in wet, humid, and challenging environments.

Its advanced navigation system and high load capacity enable it to transport pallets and other goods with precision and efficiency, optimizing internal logistics processes while maintaining uninterrupted workflow.

Performance Data

1.500 mm
Max. Lifting Height

1.500 kg
Max. Lifting Weight

1,6 m/s
Max. Speed

Dimensions

1.910 x 800 x 2.235 mm (L x W x H)

Specifications

Natural Navigation - Top
Navigation Method

Stainless Steel 316
Material

Closed Lift System
Lift System

IP65
Classification

Lithium-Ion
Battery

CE Standard
Certification

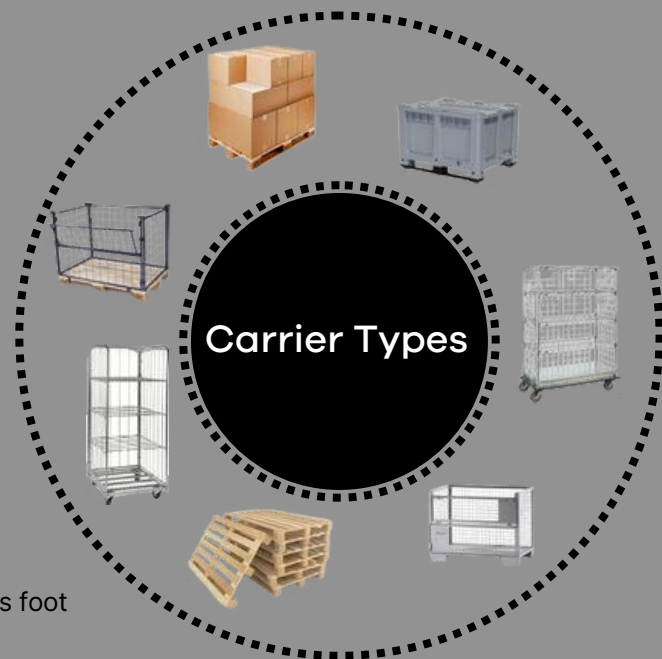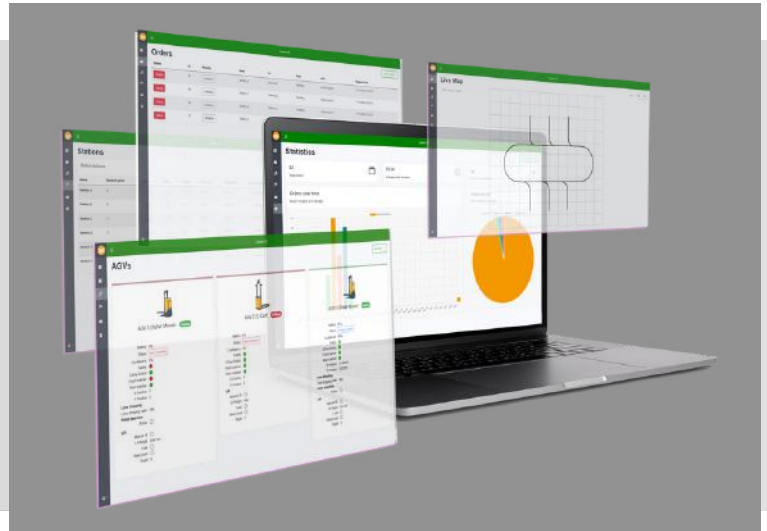| Specification	Details
Pallet	800 / 1.000 / 1.200 EUR format
Boxes	Plastic / wood / metal
Palletboxes	Plastic / wood / metal
Cart	
Cages / Rollercages	
Exeptions	Carriers with closed bottom

ⓘ Other types of carriers - inquiry to supplier

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

Carrier Types

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.

For businesses without an existing warehouse management system, the WEWO WMS application offers a complete solution. Designed to integrate seamlessly with the Fleet Management Software, this system enables full control over inventory and logistics.

Task Management
Assign, monitor, and prioritize tasks effortlessly.

Comprehensive Product Tracking
Monitors product positions and data in real time.

Alarm & Traffic Management
Prevent bottlenecks and ensure smooth operation.

Seamless Integration
Connects with production lines, machines, and delivery stations.

Deadlock Prevention
Optimize vehicle paths for continuous flow.

User Role Management
Ensures secure and efficient system access based on defined permissions.

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

Navigation Method
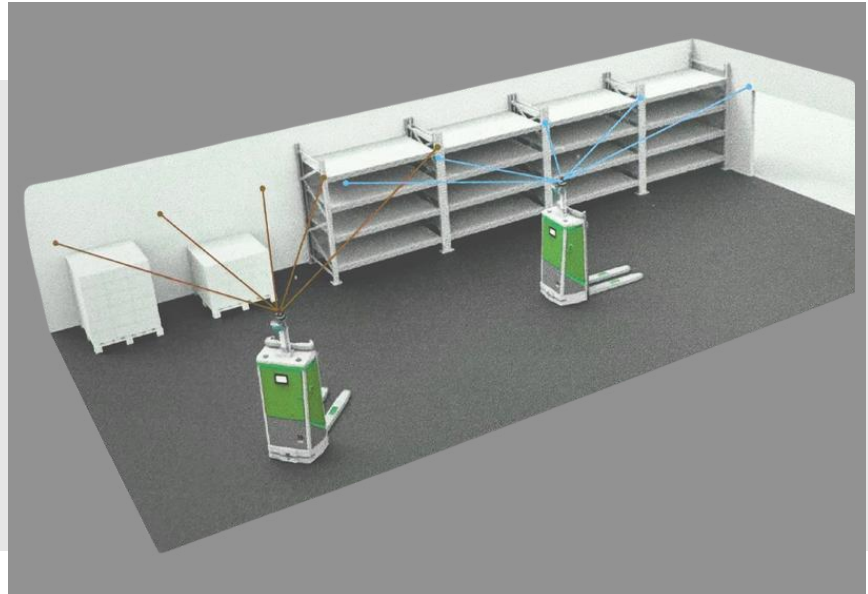
The Palletmover Stainless Steel utilizes natural navigation with top-mounted laser scanning to ensure precise and reliable movement.
Equipped with a high-accuracy laser scanner, the system continuously maps the environment, detecting reflectors to determine the vehicle's exact position.

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

"Collision Avoidance"

Navigation Scanner

Blue Spots

Load Sensor

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