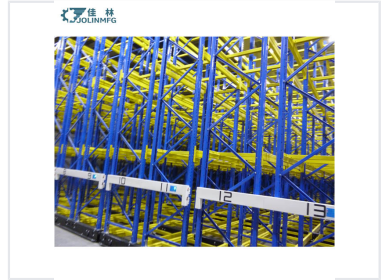


Automated Mobile Storage Racking System

This automated warehouse system stores and retrieves materials without human intervention. Materials are stored on multi-layer shelves and accessed by a roadway stacking crane, with computer control for automated access and management.



ADDITIONAL IMAGES



Overview

Automated Storage & Retrieval Solution

This automated warehouse system provides high-density storage and retrieval without direct human intervention, utilizing multi-layer shelves and standard bins or pallets. Controlled by a centralized computer system, it employs roadway stacking cranes to optimize material access and inventory management. The solution is fully customizable to meet specific industrial requirements, significantly improving operational efficiency and space utilization.

System Capabilities

Integrated Solutions

- Convey & Deliver Machine/Line Systems
- Packing Machine Integration
- Palletizer Robot (Bags, cartons, bottles, and cans)
- Automatic Guided Vehicles (AGV)
- Stereoscopic Warehouse Design
- Vertical Elevator Systems
- Automatic Central Kitchen Applications

Racking Specifications

Surface Finish

Corrosion Protection

Material

Steel Q235B

Loading Capacity

6000 kg/layer

Load Range per Layer

500-6000kg

Standard Colors

Blue, Orange, Grey, Customized

Stacker Crane Performance

Crane Performance Metrics

25 m

Max Rack Height

3 t

Max Heavy Duty Load

Stacker Crane Specifications

Type	Load Capacity	Max Rack Height
Light Duty	20-200kg	<=25m
Medium Duty	250-1500kg	<=25m
Heavy Duty	2.0t / 2.5t / 3.0t	<=25m

Customization & Support

Customizable Components	Upright Dimensions, Beam Size, Stacker Crane Height, Cargo Size
Installation Instruction	Yes