

Automated Storage and Retrieval System (AS/RS)

This automated warehouse system stores and retrieves materials without human intervention. It uses multi-layer shelves and roadway stacking cranes, managed by computer control for automated material access and management.



ADDITIONAL IMAGES



Overview

Advanced Automated Storage and Retrieval System (AS/RS)

This automated warehouse system provides a high-density storage solution that automatically manages materials without direct human intervention. Utilizing multi-layer shelving and roadway stacking cranes, the system optimizes space and realizes computer-controlled access for standard bins or pallets. It is designed to streamline inventory handling, reduce labor costs, and improve operational accuracy across various industrial applications.

System Components

Integrated Solutions

- Convey & Deliver Machine/Line & System
- Packing Machine
- Palletizer Robot (Bag, carton, bottle, and can products)
- Automatic Guided Vehicle (AGV)
- Stereoscopic Warehouse
- Vertical Elevator
- Automatic Central Kitchen
- Mask Making Machine
- Company Management System

Structural Specifications

Finish

Corrosion Protection

Material

Steel Q235B

Loading Capacity

6000 kg/layer

Standard Colors

Blue, Orange, Grey, Customized

Stacker Crane Performance

Crane Duty Classifications

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

Customization

Customizable Parameters

- Upright Dimensions
- Beam Specifications
- Stacker Crane Height
- Cargo Size

Service & Installation

Installation Instruction	Yes
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