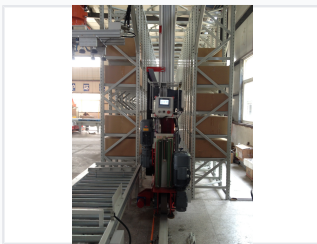


# Automated Stacker Crane

This specialized crane utilizes a fork or bar to seize, transport, and stack goods, as well as access storage units from high-level shelves. Available as single mast or dual column models, it serves as essential storage equipment.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Automated Stacker Crane

This automated stacker crane is engineered for high-density warehouse storage and retrieval systems. It features a robust vertical mast and horizontal carriage for precise material handling, ensuring efficient movement of boxed goods. Designed with integrated sensors and advanced control systems, the unit provides reliable performance in automated storage and retrieval environments.

## Performance Metrics

### Maximum Loading Capacity

**2500 KG**

Max Load

### Operational Speeds

Metric	Value
Running Speed (Horizontal)	200 m/min
Lifting Speed	60 m/min
Fork Stretch Speed	40 m/min

### Acceleration Rates

- Running: 0.5 m/s<sup>2</sup>
- Lifting: 0.5 m/s<sup>2</sup>
- Fork Stretch: 0.4 m/s<sup>2</sup>

## Technical Standards

### Positioning Accuracy

- Running Accuracy:  $\pm 5$  mm
- Lifting Accuracy:  $\pm 3$  mm

Compliance Standard

GB KES

## Operation & Control

Operation Modes

Automatic, Semi-automatic

Control System

Frequency conversion

Deceleration Modes

Mechanical, Electrical

## Infrastructure

Power Supply

Safe trolley lines