

Automated Rail Guided Vehicle

Rail guided vehicle logistics equipment includes shuttle car handling and shuttle-type storage systems. The cart runs on a fixed orbit in reciprocating or loopback mode, shipping goods to the designated location or access device.



ADDITIONAL IMAGES



Product Overview

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This automated rail guided vehicle provides a highly stable and efficient solution for continuous industrial material transit. Utilizing advanced technology and high-quality imported key components, the system ensures precision through a responsive electronic control system. Designed with a triple-layered safety protection system, it offers reliability for high-speed material handling in demanding environments.

Performance Metrics

Operational Performance

2000 kg

Max Loading Capacity

280 m/min

Max Running Speed

30 m/min

Max Transferring Speed

Technical Specifications

Positioning Accuracy

| Movement Type | Accuracy |
|---------------|----------|
| Running | ±3mm |
| Transferring | ±5mm |

Max Acceleration

- Running: 0.8m/s²
- Transferring: 0.4m/s²

System Design

Safety Systems

- Triple-level protection (mechanical, electrical, software)
- Rubber deceleration at ends
- Wireless optical communication

Rail & Construction

Fixed Rail, Simplified Structure, Aluminium or Steel Options

Operational Details

Operation Modes

Automatic • Semi-automatic