

Automated Radio Shuttle Pallet Runner

The radio shuttle system is a high-density storage solution that includes racking and electrically powered pallet runners. It works in conjunction with forklifts to maximize warehouse volume.



System Overview

High-Density Automated Storage Solution

The Automated Radio Shuttle Pallet Runner is a high-efficiency racking system designed to maximize warehouse volume utilization. By combining specialized racking structures with electrically powered runners, this system provides a sophisticated alternative to traditional drive-in racking. It is highly versatile, supporting both FIFO and FILO operational modes, and significantly enhances safety and throughput in intensive storage environments.

Performance Metrics

Performance Metrics

1200 kg

Max Load Capacity

0.9 m/s

Empty Load Speed

0.8 m/s

Full Load Speed

Technical Specifications

Power and Battery

Feature	Specification
Power Unit	Lithium Battery
Rated Voltage	26V
Battery Duration	> 8 hours
Remote Range	50 meters

Operational Features

Core Advantages

- High density storage optimization
- FIFO (First-In, First-Out) or FILO (First-In, Last-Out) support
- High throughput efficiency
- Enhanced safety protocols compared to Drive-in racking
- Optimal for batch expiration control

Target Industries

Food & Beverage, Chemistry, Tobacco, Cold Storage