

Godrej

SHUTTLE PALLET RACKING

Remote Handle-Semi automated-Collision free



Safe

Sustainable

High Density

About Us

Godrej Storage Solutions is a part of the renowned Godrej group, a global conglomerate with businesses ranging from consumer products to aerospace engineering. We are a pioneer, visionary and market leader since last 6 decades in the field of warehouse storage systems in India. With innovation, adaptability and reliability as our core strengths, we have created more than 200 million square feet of state-of-the-art storage systems for various sectors ranging from E-commerce to 3PL.

Our culture of continuous learning coupled with decades of experience in the field of intralogistics has enabled us to design best-in-class solution to serve storage needs for applications across industry sectors.

ABOUT PRODUCT

Godrej Shuttle Pallet racking is a semi-automated, high density pallet storage system with reduced handling time and with increased storage capacity. This system uses radio shuttles that independently moves with the pallets on the rack to load and unload goods. For the shuttles, Godrej Storage Solutions has partnered with AutoMHA, an Italian company, leader since 1980s, in the production of automatic warehouse and handling systems.

The Radio shuttles can be made to perform all operations through a remote control. It is a cost-effective and time-saving storage system ideal for dense/bulk material storage and for temperature-controlled storage environment up to -30 deg C.

The Shuttle Pallet Racking is best suited for high throughput performance, collision-free storage and optimum space utilization.

APPLICATIONS

- Food & Beverage
- Chemical
- Consumer Durable
- Cold store
- FMCG
- Paint

RADIO SHUTTLE

Operation	: Remote Control
Remote	: Radio frequency
Std. carry load	: 1500 kg
Speed on load	: 35m/minute
Speed w/o load	: 70m/minute
Battery type	: Li-on
Battery capacity	: 20 Ah
Battery Voltage	: 48 V

FEATURES

- High density storage system with FIFO/LIFO material access
- Battery powered radio shuttle, controlled by a wireless remote control to ensure safe movement of materials in and out of deep storage system
- Each level with different SKUs can be accessed independently
- Automatic pallet picking and retrieval
- High throughput through automated shuttle movement
- Less damage to racking system and safer for warehouse operators
- The shuttle (Autosat) is solely controlled by its radio transmitter. Every single function is regulated by individual commands such as lift, move a pallet and unload.
- The shuttle (Autosat) automatically rearranges the pallets and utilizes the available spaces on the rack.
- Highly safe compared to Drive-In because MHE operator does not enter inside the system
- Nil or very less honeycombing effect because each pallet position in the tunnel can be accessed by the Shuttle.
- Approx. 30% more storage capacity compared to wide aisle pallet racking

CONFIGURATIONS



Basic Elements

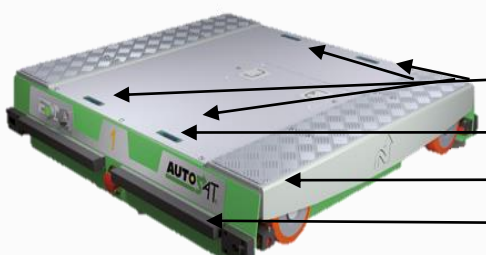
- S1 Radio Shuttle
- S2 Pallet Rail
- S3 Mid Support
- S4 Entry Support
- S5 Pallet Guide
- S6 Beam Assembly
- S7 Frame Assembly
- S8 Bracing
- S9 Base Plate

Safety Accessories

- MHE Stopper
- Plastic Guard

Accessories (Optional)

- Mesh Cladding/Safety Net



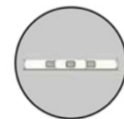
- Pallet checking sensor
- Anti-dust sensor
- Hoisting safety profiles
- Safety bumper



Emergency stop button



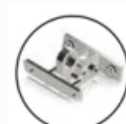
Flashing LED



Magnetic Safety Plates



Radio Controller



Automatic hookup between autosat

RADIO SHUTTLE

THE GODREJ ADVANTAGE



State-of-the-art, high-capacity automated manufacturing facility



Comprehensive in-house testing facility for assured quality



Safety in design – Tested Seismic racking for zone 5 and above



Global reach with strong dealer network

Your
Reliable
Partner

Best in Quality
&
Innovative Design

Quick & Safe
Project Execution

Other Solutions



Mobistack



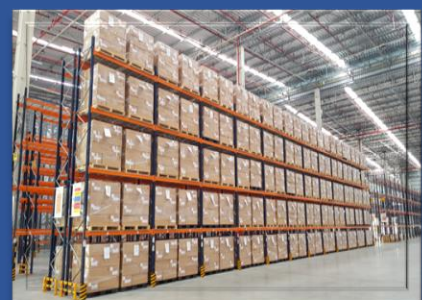
Mezzanine System



Heavy duty shelving systems



Boltless Shelving systems



Selective Pallet Racking

Our solutions, perfected with decades of experience and our highly trained installation team, backed with world-class production facility enable us to provide our clients with superior storage solutions.

[You are one call away from your perfect racking partner](#)

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