ADDVERB

Cruiser 360

4-WAY PALLET SHUTTLE

Cruiser 360, is designed for maximum efficiency and optimises storage capacity by utilising vertical space. Its versatility shines through its ability to move items in both x and y axes and can move in z axis using lift to change levels, catering to dynamic warehousing needs. It seamlessly integrates with WMS for accurate inventory management.

Technical Specifications

General Specifications

Max Payload	1500 kg
Shuttle Dimensions	1102 x 1028 x 185 mm
Supported Pallet Range	1000 x 1200 mm; 1200 x 1200 mm
Shuttle Weight	450 Kg
Operating Temperature	-25 to +45 deg. C
Aisle Navigation	QR Code and Encoder

Speed and performance

Speed Unloaded	1.5 m/s
Speed Loaded	1.1 m/s



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Technical Specifications

Communication

Communication Mode	Wi-Fi (2.5 GHZ, 5 GHZ)
Control	PLC Based

Battery

Battery	24V Battery
Charging Mode	Automatic / Manual

Safety

E-stops, Indication lights, Radio Frequency safety communicators, Obstacle and anti-collision sensor detection

Accessories

Vertical Lift

Buffer Conveyors, Shelving, Racking



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Key Benefits:

- High-density storage of up to 10 pallets per square meter
- Reduced operational costs through increased utilisation of space
- In-house developed control system (WES) facilitates better planning
- Improved and accurate inventory management through integration with WMS
- Maximises available floor space by compactly storing items

FEATURES

High-Density Storage

Utilises vertical space efficiently, maximising storage capacity within the warehouse

Versatility

Cruiser 360 can move items in 6 directions (horizontal, vertical, and lateral), allowing for flexible storage and retrieval options

Accurate Positioning

Servo controls along with the QR Code positioning enable higher positioning accuracy

Swift Integration

Cruiser 360 swiftly integrates with any existing WES, WMS, ERP, conveyors, and lifts

Better Planning

In-house developed control system also has pallet counting system for better planning and decision making

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