ADDVERB

Cruiser

PALLET SHUTTLE

Cruiser, our semi-automated pallet shuttle is devised for high-density storage and retrieval of pallets. With the help of a standard forklift, Cruiser can be easily moved between various levels and across different bays to store and retrieve pallets. It can be easily controlled using a tablet to perform multi-deep LIFO and FIFO operations and integrates seamlessly with WMS for accurate inventory management.

Technical Specifications

General Specifications

Max Payload	1500 kg
Cruiser 1012 Standard pallet	1000 x 1200 mm
Supported Pallet Range	800-1080 x 1100-1300 mm
Cruiser 1212 Standard pallet	1200 x 1200 mm
Supported Pallet Range	1185-1280 x 1100-1300 mm
Cruiser 1612 Standard pallet	1600 x 1200 mm
Supported Pallet Range	1585-1680 x 1100-1300mm
Cruiser 3737 Standard pallet	940 x 940 mm
Supported Pallet Range	900-1000 x 940-1100 mm
Cruiser 1312 Standard pallet	1340 x 1340 mm
Supported Pallet Range	1285-1380 x 1200-1400 mm



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Technical Specifications

Speed and performance

Speed Unloaded	1.1 m/s
Speed Loaded	0.8 m/s

Communication

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

Battery

Battery	25.6 VDC 54Ah
Battery Charging Time	4 Hours
Run Time	8 – 10 Hours



Safety

Safety bumpers, E-stops, Indication lights, Buzzer, and Safety PLC

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Key Benefits:

- High-density storage with storage lanes as deep as 60 metres (customisable)
- Reduced operational costs through increased utilisation of space
- Higher load carrying capacity of up to 1500 kg
- An intuitive user interface for a short learning curve
- Improved and accurate inventory management through integration with WMS

FEATURES

Storage method

Cruiser can be used for both FIFO & LIFO storage

Operating Time

Offers a run time of 8-10 hours in a single charge of 4 hours

High Operating Speed

Offers a maximum speed of 1.1 m/s, reducing wait time

Safety

Safety edge bumpers and E-stops on both sides to ensure safety

Operating Temperature

Can operate between –25 to +45 degrees Celsius

Better Planning

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

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