



Intelligent Storage

Compact Double

Vertical Lift Module

AT-A-GLANCE SPECS

Category	Specification	Notes
Height Range	3,000 - 16,000 mm (9.8 - 52 feet), Scalable to facility ceiling height	In increments of 150 mm (5.9 in)
Tray Widths	1,830 mm (72 in), 2,440 mm (96.1 in), 3,050 mm (120.1 in), 3,660 mm (144.1 in)	4 sizes available
Tray Depths	820 mm (32.3 in)	820 mm Standard, other depths available
Tray Capacity	300 kg (661lbs)/tray, 500 kg (1,102 lbs)/tray	Even load distribution required
Max. Load Capacity	100,000 kg (220,462 lbs)	Based on configuration
Machine Length X Width	Width: 2,307-6,929 mm Depth: 4,748-7,286 mm	Dependent on tray size



EXTENDED DIMENSIONS

Category	Specification	Notes
Tray divider	Heights of 50-250 mm in 25 mm increments. Cells 100-3,600 mm in 100 mm increments.	
Height of goods measurement	In 25 mm (1 in) intervals, up to 1,000 mm	
Weight check	Optional	Tray load options: 300, and 500kg
Max. load weight per load tray	300/500 kg	

Engineered for Reliability

Unlike belt-driven or plastic rack-and-pinion drives, the Compact Lift uses a **metal rack and pinion drive** for superior reliability, precision, and long-term performance.



Optional ancillary devices

- LED Bar
- Laser Pointer
- Pick Display
- Label Printers
- Scanners
- Confirmation Buttons
- Foot Pedal

PERFORMANCE

Category	Specification	Notes
Retrieval Speed	[ft/sec or cycles/hr]	Configurable
Accuracy	Up to 99.9%	With guided picking features
Drive System	Metal rack & pinion	Durable alternative to belts or plastic systems
Storage Optimization	Included	

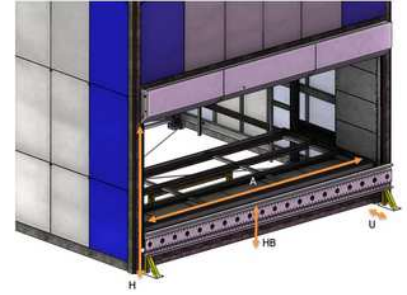
CONTROLS & INTEGRATION

Category	Specification	Notes
Access Options	Single or dual access openings, panel shutter door optional	Ergonomic design
Control System	Standard controller or integrated software	Compatible with WMS/ERP
Safety curtain for personal protection	Standard	
Language selection	Standard	
Password protection	Included	
Group rights and authorization	Included	

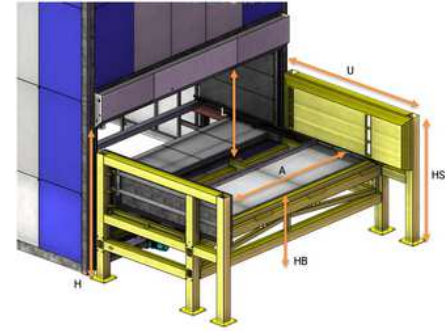
POWER & ENVIRONMENT

Category	Specification	Notes
Power Requirements	Voltage, Hz, kW	Region-specific, 3-phase: 400 V in US
Current	AC 50 Hz (A)	25/32
Environment Suitability	Ambient, temperature-controlled, cleanroom options	

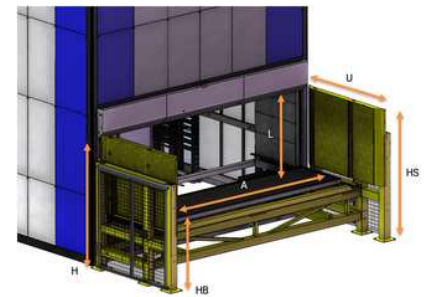
Optional Openings



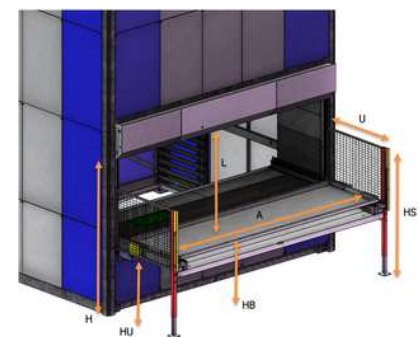
PALLET HANDLING - IN OPENING



PALLET HANDLING W/100% EXTRACT



PALLET HANDLING PARTIAL EXTRACT



100% EXTRACT

