



Compact Twin

Vertical Lift Module

AT-A-GLANCE SPECS

Category	Specification	Notes
Height Range	3,026 - 16,000 mm (9.9 - 52 feet), Scalable to facility ceiling height	In increments of 150mm (5.9 in)
Length & Width of Machine	Dependent on tray width	
Tray Widths	1,830 mm (72 in), 2,440 mm (96 in), 3,050 mm (120 in), 3,660 mm (144 in)	4 sizes available
Tray Depths	820 mm (32 in)	Standard
Tray Capacity	300 kg (661 lbs)/tray, 500 kg (1,102 lbs)/tray	Even load distribution required
Total Machine Capacity	50,000 kg (110,231 lbs)	Based on configuration



ADDITIONAL DIMENSIONS

Category	Specification	Notes
Tray divider	25 mm (1 in)	
Height of goods measurement	In 25 mm (1 in) intervals	Option up to 1,000 mm (39.4 in)
Weight check	Standard	Tray load options: 300, and 500kg

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.



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	

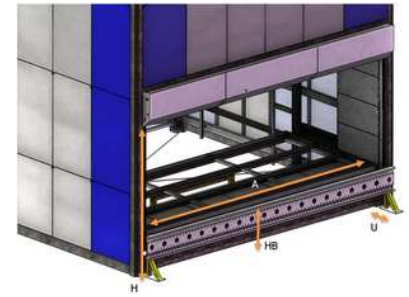
CONTROLS & INTEGRATION

Category	Specification	Notes
Access Options	Single or dual access openings	Ergonomic design
Control System	Standard controller or integrated software	Compatible with WMS/ERP
Safety curtain for personal protection	Standard	
Language selection	Standard	

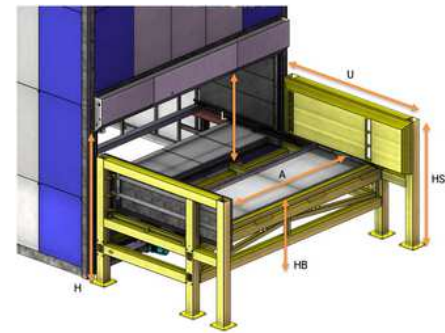
POWER & ENVIRONMENT

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	

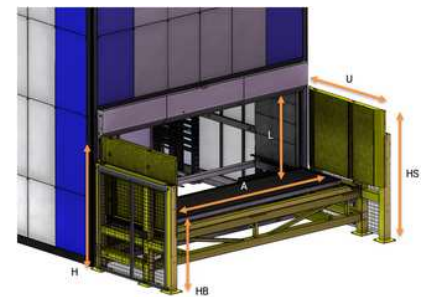
Optional Openings



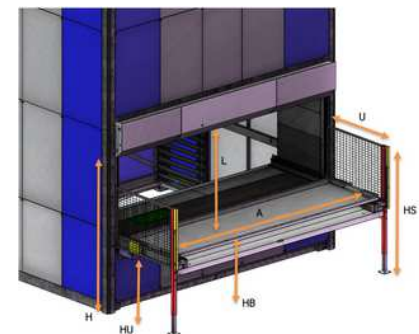
PALLET HANDLING - IN OPENING



PALLET HANDLING W/100% EXTRACT



PALLET HANDLING PARTIAL EXTRACT



100% EXTRACT

Optional ancillary devices

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