



Compact Heavy 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)
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), 4,000 mm, (157.5 in) 6,450 mm (253.9 in)	5 sizes available
Tray Depths	820 mm (32.3 in), 1,230 mm (48.4 in)	820 mm Standard, other depths available
Tray Capacity	300 kg (661.4 lbs)/tray, 500 kg (1,102.3 lbs)/tray, 750 kg (1,653.5 lbs)/tray, 900 kg (1,984.2 lbs)/tray, 1,500 kg (3,307 lbs) /tray	Even load distribution required
Total Machine Capacity	100,000 kg	Based on configuration
Machine Length X Width	Width: 2,307mm - 6,929mm Length: 4,748mm - 7,286 mm	Dependent on tray size



ADDITIONAL OPTIONS

Category	Specification	Notes
Tray divider	Heights: 50-250mm in 25 mm increments. Cell: 100-3,600mm in 100mm increments	
Weight check	Optional	Tray load options: 500, and 750kg

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		Depends on machine height and tray location
Drive System	4 Point metal rack & pinion	Durable alternative to belts or plastic systems
Storage Optimization	Height of goods measurement - 25mm intervals, up to 1,000mm. Included.	Dynamic and static storage available

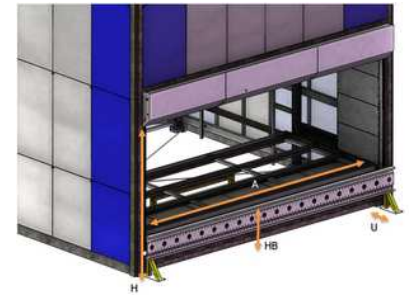
CONTROLS & INTEGRATION

Category	Specification	Notes
Access Options	Single or dual access openings	Multiple opening options
Control System	PLC controller with integrated software	Compatible with WMS/ERP
Safety curtain for personal protection	Standard	
Language selection	Standard - English	Multiple languages available

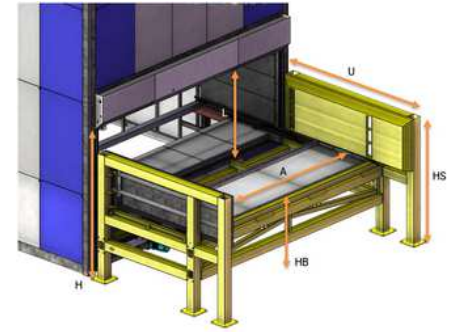
POWER & ENVIRONMENT

Category	Specification	Notes
Power Requirements	480vac/3PH/60HZ-32a	
Current	AC 50 Hz (A)	25-32 Amps
Environment Suitability	Ambient, temperature-controlled, cleanroom options	
Electrical Compliance	UL508A and CE available	

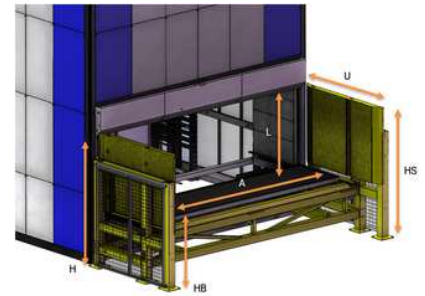
Optional Openings



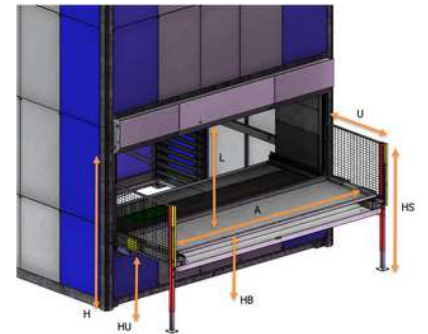
Pallet Handling Opening



Pallet Handling with 100% Extract



Pallet Handling - Partial Extract



100% Extract

Optional ancillary devices

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