



Bar Stock / Linear VLS

Bar Stock / Linear Vertical Lift System (VLS) is an automated storage and retrieval system (AS/AR) that utilizes an elevator to climb the front of the tower to deposit and retrieve drawers weighing up to 5,000 lbs and deliver them directly to ground level for further processing, increasing material storage and flow. The result is a safe and effective storage system designed to SIL3 / CAT4 / PL e safety standards that will save valuable floor space, eliminate redundant processes, and improve workplace safety.

- Save floor space and increase storage capacity by utilizing overhead space
- Meets SIL3 / CAT4 / PL e safety standards
- Contained storage environment prevents material damage
- Automated storage eliminates forklift requirement during normal operation
- Quick access to material
- Eliminate disruption in adjacent work cells caused by forklift operation
- Reduce material retrieval times by up to 75%

Safe Handling • Easy Access • Maximum Storage • Fast Retrieval • Small Footprint

Bar Stock / Linear VLS

Bar Stock / Linear VLS Specifications		
Technical Specifications	Imperial	Metric
Elevator Specifications		
Storage Width	120" - 294"	3,048 mm - 7,468 mm
Storage Depth	24"	610 mm - 1524 mm
Max Height per Drawer	10" - 35"	254 mm - 889 mm
Max Load per Drawer	5,000 lbs	2,268 kg
Lifting Speed	28 - 42 ft/min	11.58 - 12.8 m/min
Tower Specifications		
System Height	12' - 30'	3.65 m - 9.14 m
Upper Dead Area	12.75"	323.85 mm
Controls		Automatic
Loading Station		N/A
Load/Unload Carts		Optional

Drawer Configuration

The Vertical Lift for bar stock and linear materials is adaptable and can accommodate a multitude of sizes and applications. The drawers are designed to accept linear objects such as bar stock, pipes, and beams. They can also accept custom inserts to accommodate materials of varying width, height, and depth such as press brake dies, which keeps your material storage safe, organized, and effective.



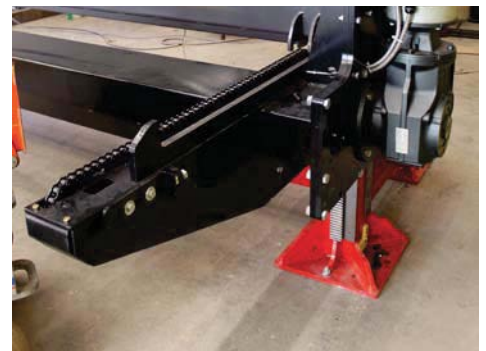
Drawer



Control Panel



Horizontal Drive Chain



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