VLM
VIDIR LIFT MODULE

AUTOMATIC HEIGHT DETECTION
The VLM makes use of cutting-edge technology and intelligent software to accurately measure the amount of storage space required by each tray, and then performs calculations to determine the most efficient storage location to maximize density every time items are stored or retrieved.

INTELLIGENT SOFTWARE
Along with maximizing density, Vidir's intelligent software ensures the storage and retrieval process is as smooth and efficient as possible. Pick times are kept to a minimum to increase productivity and remove costly bottlenecks.

TOTAL CONTROL
The VLM puts you in control of your inventory while shrinking your storage footprint. The easy-to-use software interface allows you to pick and stock item lists, integrate with your ERP system, run reports from any connected PC, and includes remote access for service diagnostics, which maximizes your productivity and ROI.

BEST IN CLASS INNOVATION
Vidir's Vertical Lift Module is built to save you time. It provides ergonomic access, while maximizing storage space with variable spacing of trays. Built with industry leading engineering, front-facing maintenance access, and best in class innovations. Vidir's VLM is on the cutting edge of vertical storage technology.

Industry First Servo Motors:
Offer higher velocity and accuracy, along with Best in Class 10HP lift capacity.

Chain Drive:
For Best in Class performance and durability.
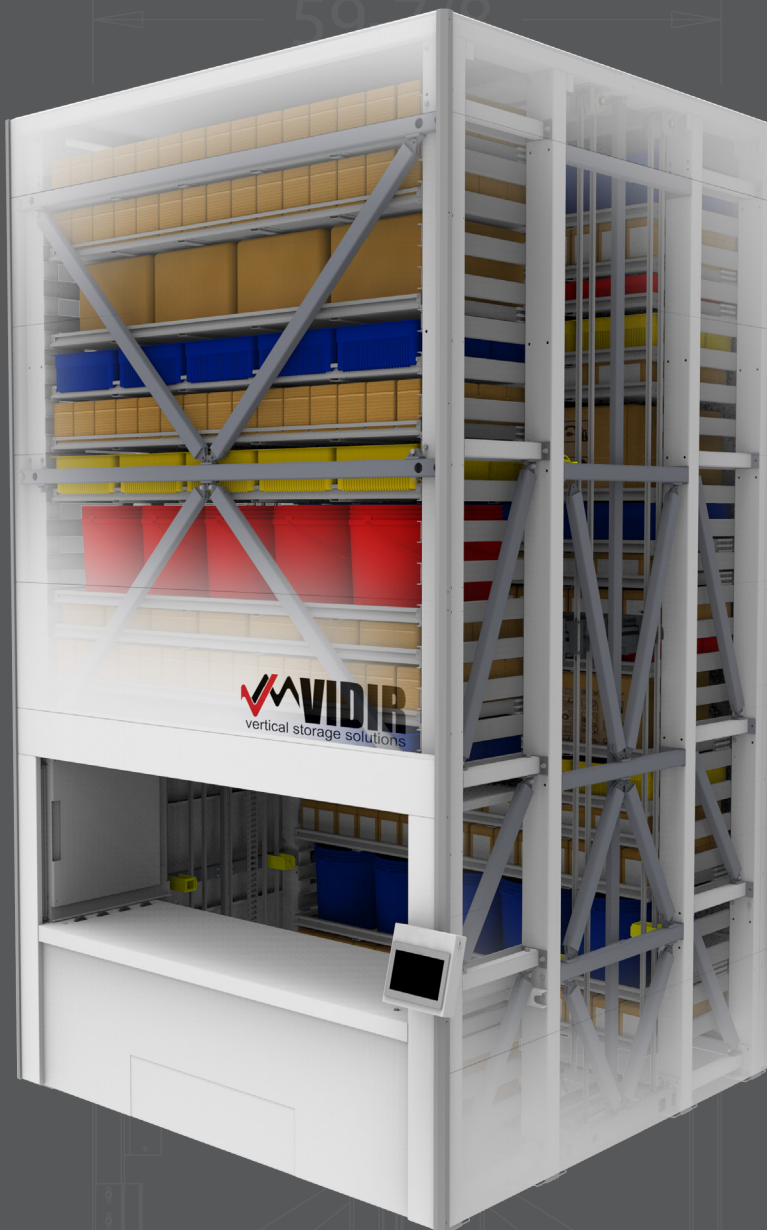
The Vidir Lift Module (or VLM) is Vidir's revolutionary new automated storage and retrieval system that provides smart, adaptable storage to maximize density and further increase productivity. Making use of 2 tray towers, one in front and one in back, along with a center elevator, trays are extracted and presented quickly, efficiently, and at an ergonomic height. Storing the trays in vertical towers allows for a minimal footprint, saving floor space up to 85%.

Vidir is proud to include the VLM as part of their Vertical Storage family of Solutions, and excited to introduce new innovations to continue their industry-leading support of high-density vertical storage.

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

847.526.1411   www.wsimachinery.com

FEATURES & BENEFITS
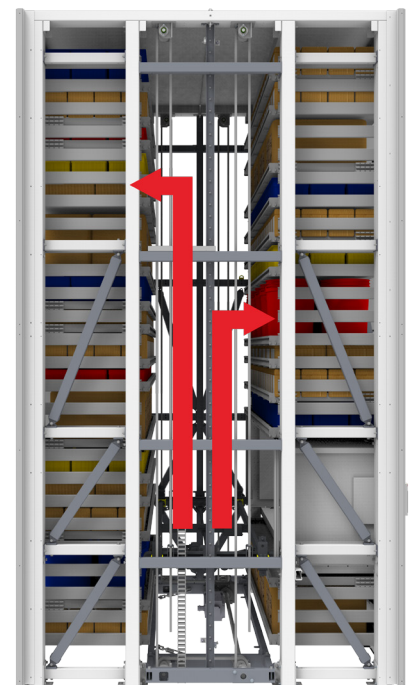
VIDIR
vertical storage solutions

1 **Ergonomic Access**
Pick and Stock items at a comfortable, ergonomic height.

2 **Industry First Servo Motors**
Offers higher velocity and accuracy, along with Best in Class 10 HP lift capacity.

3 **Chain Drive**
For Best in Class performance, durability and safety.

4 **One Piece Tray**
Sturdy steel construction. Available in 600 lbs & 1000 lbs capacities.

5 **Variable Tray Spacing**
Automatic height sensing allows tray to be stored efficiently, maximizing available space.

6 **Modular Design**
Add and Remove trays as needed to maximize storage.

7 **Front Facing Maintenance Access**
Provides quick and easy maintenance access, and eliminates multi-unit downtime during repairs.
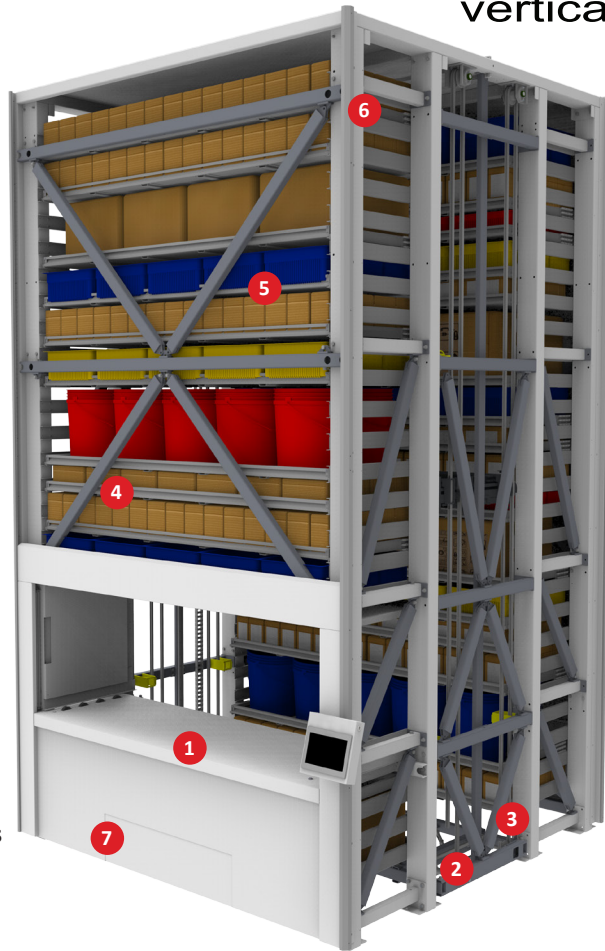
+ **Auto Learning**
Faster setup, along with easy and dynamic resets.

+ **Vidir Remote Service**
Provides Software Assistance, Troubleshooting, and Training by Remote Access.

+ **Full Inventory Control System (VIP)**
Allows detailed tracing and control for parts and data, with a simple and quick setup.

+ **Vidir Rapid Install**
Making use of unique architecture, providing industry leading installation timelines.

+ **Partnered with Schneider Electric**
Worldwide access to local parts supply, standardized, and thus faster to service.

+ **Dual Redundant DC Power**
Keep full functionality in case of power supply failure.

SPECIFICATIONS

TECHNICAL SPECIFICATIONS	IMPERIAL	METRIC
UNIT SPECIFICATIONS		
Height	standard up to 28'	standard up to 8.53 m
Depth	114.5"	2908 mm
Width	112"	2845 mm
TRAY SPECIFICATIONS		
Pitch	3.5"	88.9 mm
Depth	32.5"	826 mm
Width	95"	2413 mm
Max Storage Height	30"	762 mm
Tray Storage Increment	1.2"	30 mm
CAPACITY SPECIFICATIONS		
Load Capacity	up to 132,000lbs	up to 60,000 kg
Load per Tray	600lbs | 1000lbs	272 kg | 454 kg

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

VLM2020R02