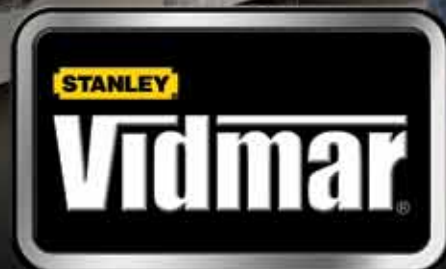




Stanley® Vidmar® Tower Series

The Ultimate High-Density Storage Solution
TOWER • TOWER XL



When it comes to high-density vertical storage,
there's one solution that rises above all the rest.

Introducing the Stanley® Vidmar® Tower® series —
the ultimate high-density storage solution. Entirely
modular structures, the Tower series will improve
your efficiency and save space, time and money
regardless of your industry or application.



Combine the **organization** and **protection** of modular drawer storage with the **speed** and **savings** of a vertical storage system!

A variety of Tower and Tower XL configurations offer your choice of performance and capacity for your particular storage needs. Tower-series storage solutions cover a range of Module capacities, drawer capacities, vertical and horizontal speeds, and picking bay styles.

- Save more than 75% of your floor space
- Improve efficiency with faster part and tool retrieval
- Reduce labor with increased throughput rates
- Increase picking accuracy
- Minimize reaching, bending, and searching
- Improve inventory control
- Increase your bottom line



External picking bay



Internal picking bay

Tower series storage products are Vertical Lift Modules that provide ergonomic access to materials—just like using an automated Vidmar cabinet.

A high-speed elevator/extractor provides access to vertically-arranged Vidmar-style drawers for maximum comfort and convenience.

APPLICATIONS

No matter what the application, Stanley Vidmar Tower series vertical lift systems offer the ultimate storage solutions to meet your needs.



Buffer Storage



WIP



Quality Control



Maintenance Crib



Stockroom



Raw Materials



Packaging Supplies/Label



Weapons or High Security Items



*Service Parts
& Service Tools*

DESIGN ASSISTANCE:

- Call 800-523-9462 today for a free on-site analysis!



Use the Tower series to:

- Increase productivity
- Improve accuracy
- Control inventory

High-Density Storage:

Designed to take advantage of every inch of available space, configurable drawers maximize your storage capacity.

Safety:

On/off lock-out/tag-out switch, along with an emergency stop. All motors have brake locks, and all units have product height and personnel protection sensors.

Fast Picking:

Maximize operator efficiency with dual delivery, continuous pick feature!

Security:

Automatic doors are optional. User access is via password/barcode/magnetic strip.

Ergonomic Bay Design:

Picking bays can be internal or external, front and back of machine, or 1st floor/2nd floor.

Modular Construction:

The Tower XL can be built up to 46' high, with your choice of drawers, drawer height and depth, drawer configuration, and picking bay positioning.

Unlimited Drawer Configurations:

Drawers are available open or with adjustable partitions and dividers that can be custom-configured to suit your storage needs. Drawer height is adjustable.

Steel Core Belt Vertical Transmission:

Quicker, more reliable, and less noisy than traditional chain transmission.

Icon-Based Operation:

Touch-screen console allows easy access to all operational functions at any time. Drawers can be accessed by drawer number, part number, or part description.

Flexible Management Software:

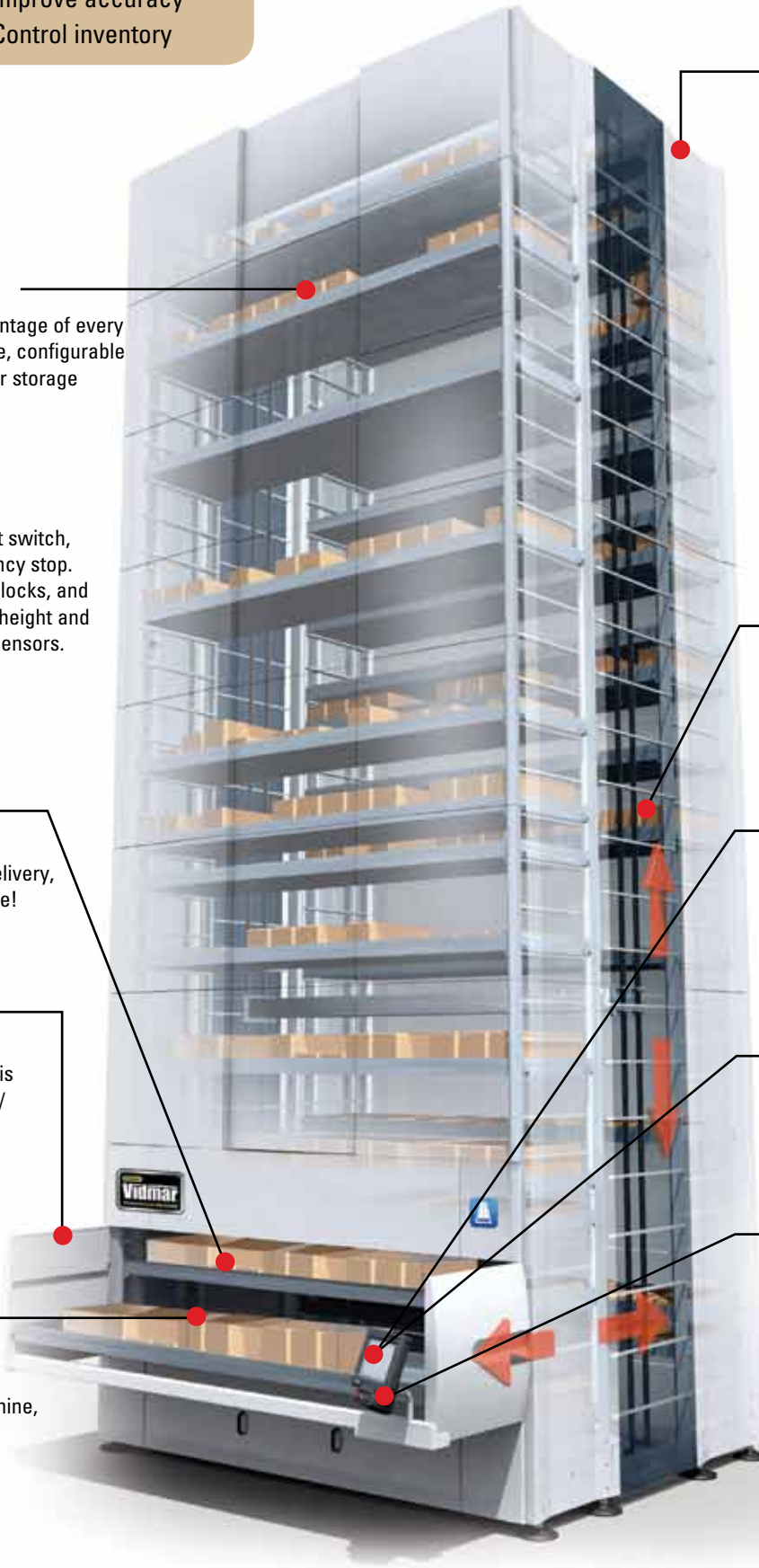
Windows CE®-based management software is capable to integrate with host, WMS, or ERP.

Optional Sliding Touch-Screen Console:

Allows operator to work close to console at any picking point.

Optional Bar Code Reader:

Bar code reader is designed to help pick stored items faster and more accurately.



Tower[®] XL Vertical Lift Model Data - Greater loads/capacities

Total machine capacity on all Tower XL models is 132,000 lbs. Vidmar Tower XL can be built up to 46' high.

Maximum load height is 26" for most machines with the exception of our continuous-pick feature.

Model	Tray Width (in.)	Tray Depth (in.)	Max. Tray Capacity (lbs.)	Max. Vertical Travel Speed* (ft. / min.)	Unit Footprint Internal Bay (W x D) (in.)	Unit Footprint External Bay (W x D) (in.)
MAV25	74.80	25.75	551	334.7	91.14 x 98.50	91.14 x 125.60
MAV25D	74.80	33.74	551	334.7	91.14 x 122.56	91.14 x 157.68
MAV50	74.80	25.75	1,102	196.9	91.14 x 98.50	91.14 x 125.60
MAV50D	74.80	33.74	1,102	196.9	91.14 x 122.56	91.14 x 157.68
MAV75	74.80	25.75	1,653	157.5	91.14 x 98.50	91.14 x 125.60
MAV75D	74.80	33.74	1,653	157.5	91.14 x 122.56	91.14 x 157.68

MCV25	98.42	25.75	551	334.7	114.76 x 98.50	114.76 x 125.60
MCV25D	98.42	33.74	551	334.7	114.76 x 122.56	114.76 x 157.68
MCV50	98.42	25.75	1,102	196.9	114.76 x 98.50	114.76 x 125.60
MCV50D	98.42	33.74	1,102	196.9	114.76 x 122.56	114.76 x 157.68
MCV75	98.42	25.75	1,653	157.5	114.76 x 98.50	114.76 x 125.60
MCV75D	98.42	33.74	1,653	157.5	114.76 x 122.56	114.76 x 157.68

MXV25	122.05	25.75	551	334.7	138.38 x 98.50	138.38 x 125.60
MXV25D	122.05	33.74	551	334.7	138.38 x 122.56	138.38 x 157.68
MXV50	122.05	25.75	1,102	196.9	138.38 x 98.50	138.38 x 125.60
MXV50D	122.05	33.74	1,102	196.9	138.38 x 122.56	138.38 x 157.68
MXV75	122.05	25.75	1,653	157.5	138.38 x 98.50	138.38 x 125.60
MXV75D	122.05	33.74	1,653	157.5	138.38 x 122.56	138.38 x 157.68

MLV25	161.41	25.75	551	334.7	177.75 x 98.50	177.75 x 125.60
MLV25D	161.41	33.74	551	334.7	177.75 x 122.56	177.75 x 157.68
MLV50	161.41	25.75	1,102	196.9	177.75 x 98.50	177.75 x 125.60
MLV50D	161.41	33.74	1,102	196.9	177.75 x 122.56	177.75 x 157.68
MLV75	161.41	25.75	1,653	157.5	177.75 x 98.50	177.75 x 125.60
MLV75D	161.41	33.74	1,653	157.5	177.75 x 122.56	177.75 x 157.68

The specifications shown are subject to change at any time. Changes may be made without notice. *With fully loaded tray.

Tower® Vertical Lift Model Data - Smaller footprint

	Tower SV-51	Tower SV-67
UNIT DIMENSIONS		
Min. Unit Height:	102.36"	102.36"
Max. Unit Height:	279.53"	279.53"
Unit Height Increments:	3.94"	3.94"
Unit Height Installation Clearance:	3.94"	3.94"
Unit Width:	64.96"	80.71"
Unit Depth, with Internal Pick Bay:	93.58"	93.58"
Unit Depth, with External Pick Bay:	122.05"	122.05"
STORAGE CAPACITIES		
Standard Tray Width:	51.18"	66.93"
Standard Tray Depth:	25.75"	25.75"
Standard Tray Capacity:	441 Lbs.	441 Lbs.
Tray Adjustability:	0.98"	0.98"
Unit Load Capacity:	55,115 lbs.	55,115 lbs.
UNIT PERFORMANCE		
Drive System:	Steel Reinforced Belt	Steel Reinforced Belt
Vertical Axis Lifting Motor Size:	2.0 HP (1.5 kW)	2.0 HP (1.5 kW)

FEATURES / OPTIONS AVAILABILITY	TOWER	TOWER XL
External Picking Bay:	Optional	Optional
Dual Tray Delivery (continuous pick):	Optional	Optional
Dynamic Tray Storage:	Standard	Standard
Pick Bay/Automatic Closing Doors:	Optional	Optional
Remote Support Software:	Optional	Optional
Seismic Analysis & Certifications:	Optional	Optional
Sliding Console:	Optional	Optional

OTHER AVAILABLE SERVICES		
■ Yearly PM Service Agreements	■ 24-Hour Phone Support Packages	■ Software Integration
■ Extended Warranty Options	■ Spare Parts Packages	

Stanley® Vidmar® Vertical Storage Solutions include storage systems that maximize your square footage by fully utilizing overhead space. Vertical Storage Solutions include the STAK System®, Adjustable Racking System, and Ban-Air® System as well as the Motorized Carousel and Tower (formerly Vidmar Vertical VLM). Visit StanleyVidmar.com/VerticalStorage to learn more about our full line of space saving solutions.



**Stanley® Vidmar®
Motorized Carousel**



**Stanley® Vidmar® Adjustable
Racking System**



**Stanley® Vidmar®
STAK System®**



Ban-Air® Storage Systems



11 Grammes Road, Allentown, PA 18103 • 800-523-9462 US/CAN • StanleyVidmar.com/Tower

ENVIRONMENTAL MANAGEMENT SYSTEM
CERTIFIED BY DNV
== ISO 14001:2004 ==

QUALITY MANAGEMENT SYSTEM
CERTIFIED BY DNV
== ISO 9001:2008 ==

OCCUPATIONAL HEALTH AND SAFETY
MANAGEMENT SYSTEM
CERTIFIED BY DNV
== OHSAS 18001 ==

