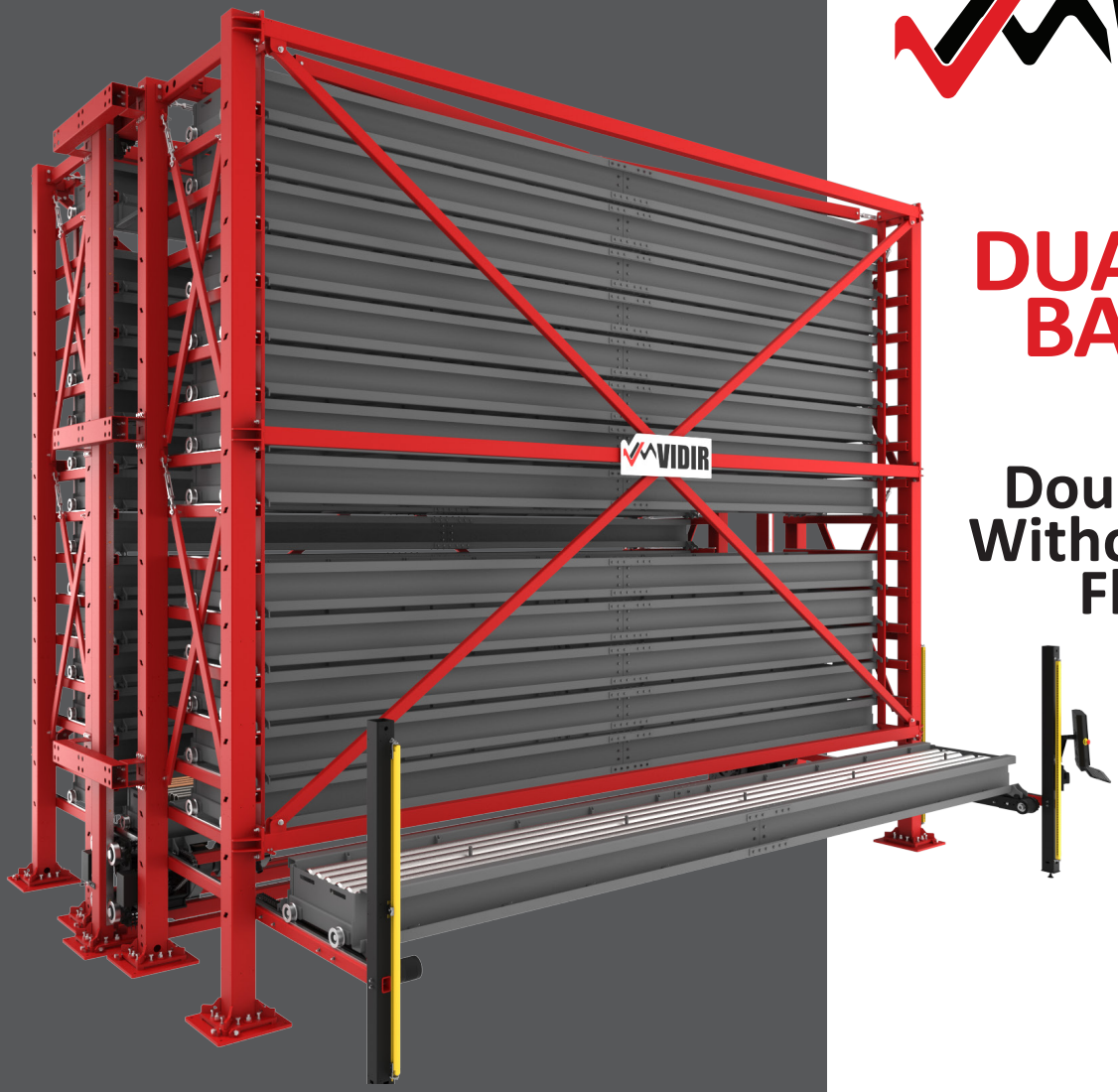
VIDIR

DUAL-TOWER BAR STOCK VLS

Double Capacity Without Impacting Floorspace



- Doubles the single-tower maximum from 25 storage positions to 49
- Puts overhead space to work with towers from 10 to 30 feet tall
- Keeps bar, pipe and tube from 10 to 24 feet long organized and within reach
- Handles heavy stock with up to 5,000 lbs per carrier
- Takes forklifts out of retrieval
- Dedicated carriers keep stock off the floor and out of forklift traffic
- Optional front cart shrinks the static footprint by 51”
- Controls go where your operators work: left or right, front and back
- Remote service support included

Store 245,000 Lbs of Bar Stock in Just 236 Sq Ft

The Vidir Dual-Tower Bar Stock VLS is a high-density ASRS built for safety, efficiency and reliability. One central elevator serves both towers, holding up to 49 carriers rated at 5,000 lbs each and delivering bar stock, pipe and tube to a loading platform at ground level at the push of a button.

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

Toll Free: 800.210.0141 www.vidir.com

DTBVLS2026R00

FEATURES & BENEFITS

1 DUAL TOWER
One central elevator serves both towers, taking the single-tower maximum of 25 positions to 49.

2 LOAD SIZE
Up to 5,000 lbs per carrier, 10 to 24 feet long.

3 CARRIER SIZES
10”, 14” or 18” high and 24” deep, with 22’ and 24’ lengths in the 18” height.

4 OVERHEAD SPACE
Towers from 10 to 30 feet tall turn unused height into storage.

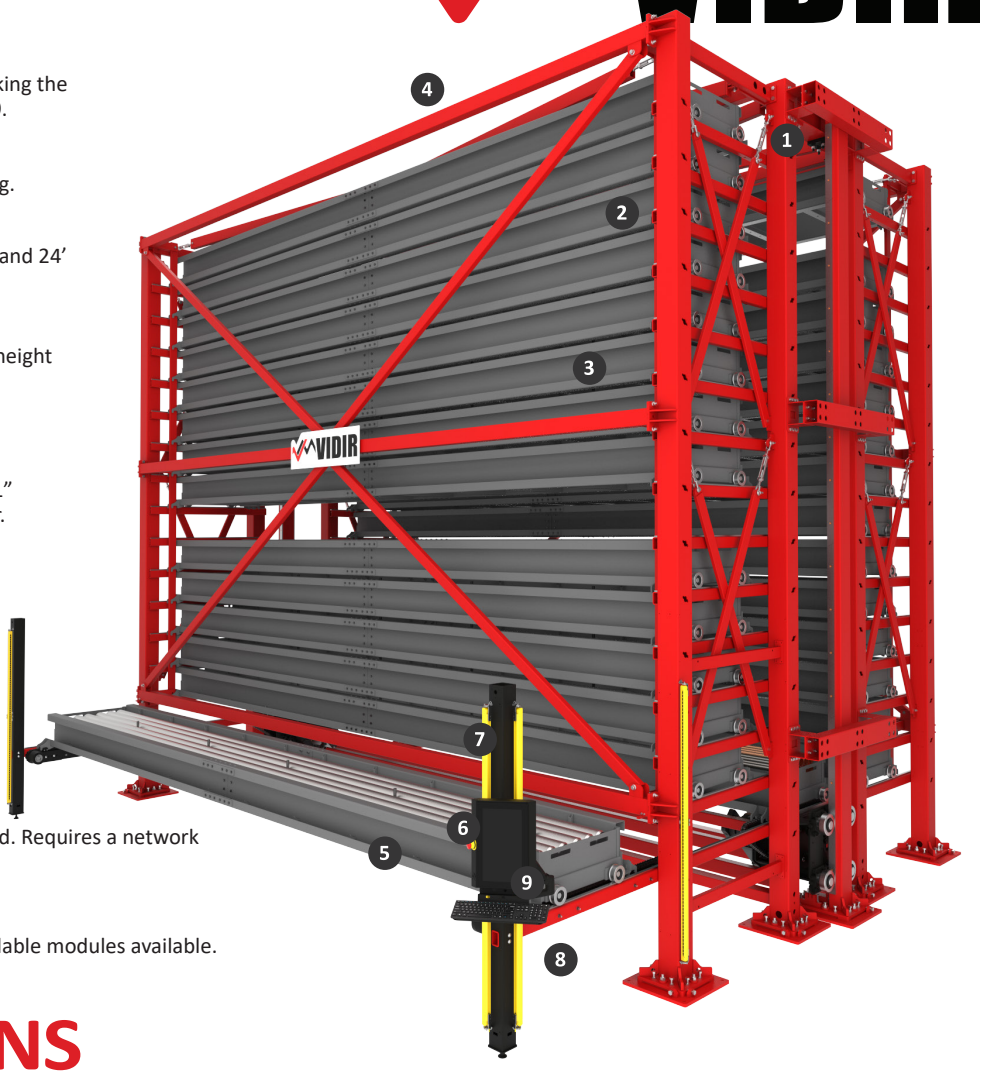
5 LOADING
Loading platform included, with an optional front cart that cuts the static footprint by 51” and moves the light curtains onto the tower.

6 CONTROLS
Mount left or right with the loading station. Multiple control stations are supported, including front and back.

7 LIGHT CURTAINS
Stop the machine immediately if the guarded zone is crossed.

8 REMOTE SERVICE
mGuard remote service connection included. Requires a network connection.

9 VIDIR VANTAGE
Basic control scheme included, with upgradable modules available.

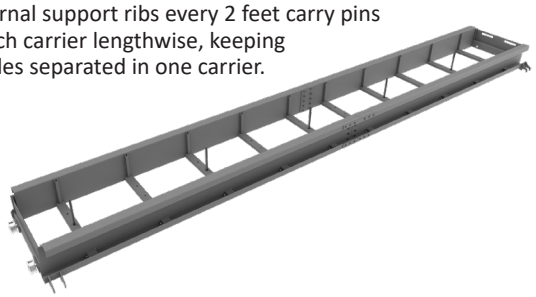


SPECIFICATIONS

	IMPERIAL	METRIC
Tower Height	10’ to 30’	3,048 mm to 9,144 mm
Carrier Height	10”, 14”, 18”	254 mm, 356 mm, 457 mm
Carrier Depth	24”	610 mm
Carrier Width	10’ to 24’	3,048 mm to 7,315 mm
Max Load per Carrier	5,000 lbs	2,268 kg
Storage Positions	Up to 49 with 10” (254 mm) carriers, 37 with 14” (356 mm), 29 with 18” (457 mm)	
Footprint	236 sq ft	21.9 sq m
Loading	Loading platform standard, front cart optional	
Power	480V, 3-phase, 30 A	
Remote Service	mGuard, network connection required	
Software	Vidir Vantage, basic control scheme	
Certification	cCSAus	

CARRIER CONFIGURATION

Carriers are built for long material like bar stock, pipe and tube. Internal support ribs every 2 feet carry pins that divide each carrier lengthwise, keeping different profiles separated in one carrier.



LOADING OPTIONS

A loading platform comes standard. Upgrade to the front cart to cut the static footprint by 51” and mount the light curtains on the tower.

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