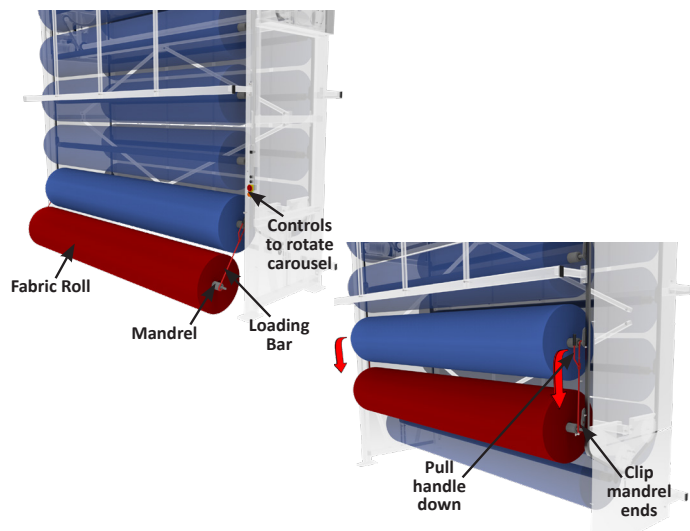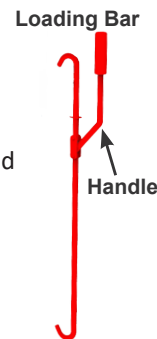# VIDIR
vertical storage solutions

INDUSTRIAL ROLLED GOODS CAROUSEL

The Vidir Industrial Rolled Goods Carousel is an automated storage system for rolls of fabric and textiles that fully utilizes overhead space for storage.

Every roll is easily and quickly accessible as the carousel rotates up or down to deliver fabric to the operator at an ergonomic height. The carousel can integrate directly with a cutting line for a continuous material feed, minimizing product touch points and increasing production capacity. The Industrial Rolled Goods Carousel can be operated by a single person.

HOW TO LOAD

1. Position fabric roll in front/rear of the carousel.
2. Slide mandrel inside material core.
3. Attach the long end of loading bars on carrier, two positions higher than desired loading position on carousel.
4. Attach the short end of loading bars to the mandrel that is being loaded.
5. Rotate the carousel up until material is raised to a comfortable working height.
6. Engage the loading bar handle and clip the mandrel into position on both sides of the carousel.

Loading Bar

Handle

Fabric Roll

Mandrel

Loading Bar

Controls to rotate carousel

Pull handle down

Clip mandrel ends

- Recovers floor space by maximizing overhead space for storage

- Accommodates roll diameters ranging from 6" - 44" and widths up to 15'

- Built-to-fit specifications

- Ergonomic design increases workplace safety and reduces back injuries

- Fast access for improved productivity and production capacity

- Patented, easy to use, loading system

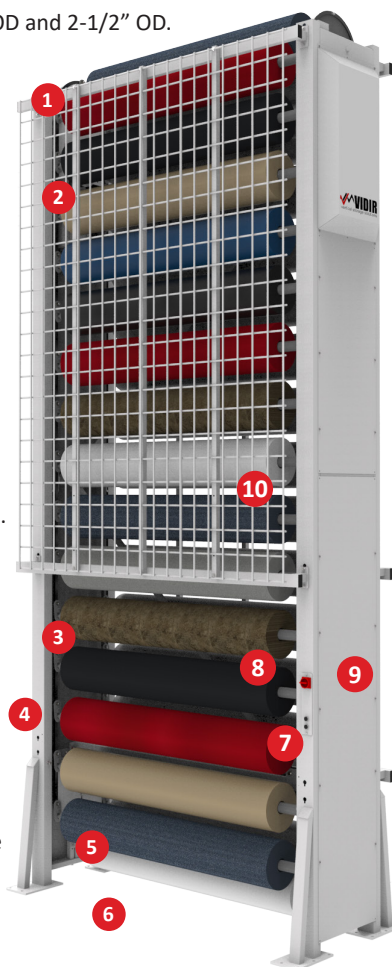- Customize features and size to your application

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

FEATURES & BENEFITS

VIDIR
vertical storage solutions

1 Overhead Space
Fully maximizes overhead space for storage to recover valuable floor space.

2 Mandrel Sizes
2 optional mandrel sizes available: 1-5/16" OD and 2-1/2" OD.

3 Ergnomic Design
Carriers rotate up and down to deliver products to the operator at an ergonomic height.

4 Cutting Line Integration
Can integrate directly with a cutting line for a continuous material feed, minimizing product touch points and increasing production capacity.

5 Roll Size
Accommodates roll diamteres ranging from 6" to 44" and widths up to 15".

6 Small Footprint
High density storage within a small footprint.

7 Controls
Standard push button controls with emergency stop.

8 Loading/Unloading
Simple, easy to use, loading bars for single person operation.

9 Rear Loading
Rear loading available with dual control option leaving the front open for cutting line integration.

10 Retrieval Speed
21' per minute retrieval speed.

WHAT OUR CUSTOMERS SAY:

"The biggest reason for the Vertical Carousel was to take the inventory off of the production floor. Having limited square footage for manufacturing, we knew we had to get smarter. With the carousel, we can now hold more than 75 different rolls of material. When we need a different color, style, or type of fabric, it is just a matter of pushing that button and in a matter of seconds we are ready to start cutting again."

"It effectively manages our whole production flow. The Carousel directly feeds our cutting machinery with no secondary alignment equipment required. In the past changing rolls took approximately 5-6 minutes, now we can always do it in under 60 seconds.

When you look at the value of the Carousels and compare to the overall cost of your cutting line, it is a fractional part."

- Claude Dufort, President Dufort Industries

SPECIFICATIONS

TECHNICAL SPECIFICATIONS	IMPERIAL	METRIC
ROLL SPECIFICATIONS		
Roll Width	max. 180"	max. 4,572 mm
Roll Diameter	6" - 44"	152 / 1,118 mm
UNIT SPECIFICATIONS		
Width	max. 17' 7"	max. 5,359 mm
Height	7' 6" - 30' 0"	2,286 - 9,144 mm
Depth	2' 8" - 7' 5"	813 - 2,261 mm
CAPACITY SPECIFICATIONS		
Load Capacity	13,000 / 34,000 lbs	5,897 / 15,422 kg
Load per Carrier	max. 3,000 lbs	max. 1,361 kg
Unit Imbalance	1,950 - 8,000 lbs	885 - 3,629 kg
Retrieval Speed	21 ft/min	8,077 mm/min

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

Toll Free: 800.210.0141   www.storevertical.com