

Garment Carousel

Recovers up to 82% of the floor space required
by more traditional racking systems



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

Garment Carousel Introduction

The Garment Carousel is a semi/fully automated hanging garment system that consists of carriers that rotate up and down to deliver garments to the operator at an ergonomic height.

The Garment Carousel maximizes overhead space recovering up to 82% of the floor space required by more conventional systems. The unit is primarily used for high density storage and retrieval of apparel in backrooms, warehouses, and distribution centers.

The Garment Carousel features capabilities in software management, controlled access, and other warehouse management technologies to improve processes, protect valuable inventory, and reduce waste.



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Selling Features

- Up to 4,052 garments can be stored on a single std. carousel
- Easily accommodates garments up to 46" long x 20" wide
- Semi or Fully automated systems available
- Inventory Control systems can be integrated to provide real time inventory data
- Works with Barcode and RFID systems.
- Fully maximizes overhead space for storage recovering up to 82% floor space.
- Implements product to person principle to increase pick rate
- Increases safety by implementing ergonomic storage and retrieval principles
- Organizes your inventory by centralizing it in one location
- Receive access to manufacturers service center with over 30 years of industry experience.

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Basic Carousel Package

- Semi-Automated Controls w/ Keypad
- Electrical: feeds from top right of carousel
 - 208/230V, 15 Amp, 60 Hz, 3 Phase
 - 460/480V, 10 Amp, 60 Hz, 3 Phase
- 21' per minute retrieval speed
- Load per Carrier 1,000 lbs.
- Maximum Unit Imbalance 1,950 lbs.
- Variable Frequency Drive (VFD)
- 2 x Garment Protectors per carrier
- 2" mesh guarding front and back
- cCSAus mark
- Color: White with Grey Interior
- 2 Year Manufacturers Warranty



“Vertical Storage allows you to utilize your wasted overhead space.”

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G39 Carousel Specifications

*Garment Quantity calculated at 2 garments per inch

Model	Height	Width	Depth	Carriers	C. Width	Garment Q.	Garments per ft ²	C. Capacity
G39163-0462-12	14' 2"	14' 8"	7' 4"	04	12' 9"	1224	11.38	1,000 lbs.
G39194-0562-12	16' 9"	14' 8"	7' 4"	05	12' 9"	1530	14.23	1,000 lbs.
G39225-0662-12	19' 4"	14' 8"	7' 4"	06	12' 9"	1836	17.07	1,000 lbs.
G39256-0762-12	21' 11"	14' 8"	7' 4"	07	12' 9"	2142	19.92	1,000 lbs.
G39287-0862-12	24' 6"	14' 8"	7' 4"	08	12' 9"	2448	22.76	1,000 lbs.
G39318-0962-12	27' 1"	14' 8"	7' 4"	09	12' 9"	2754	25.61	1,000 lbs.
G39163-0462-15	14' 2"	17' 8"	7' 4"	04	15' 9"	1512	11.67	1,000 lbs.
G39194-0562-15	16' 9"	17' 8"	7' 4"	05	15' 9"	1890	14.59	1,000 lbs.
G39225-0662-15	19' 4"	17' 8"	7' 4"	06	15' 9"	2268	17.51	1,000 lbs.
G39256-0762-15	21' 11"	17' 8"	7' 4"	07	15' 9"	2646	20.42	1,000 lbs.
G39287-0862-15	24' 6"	17' 8"	7' 4"	08	15' 9"	3024	23.34	1,000 lbs.
G39318-0962-15	27' 1"	17' 8"	7' 4"	09	15' 9"	3402	26.26	1,000 lbs.

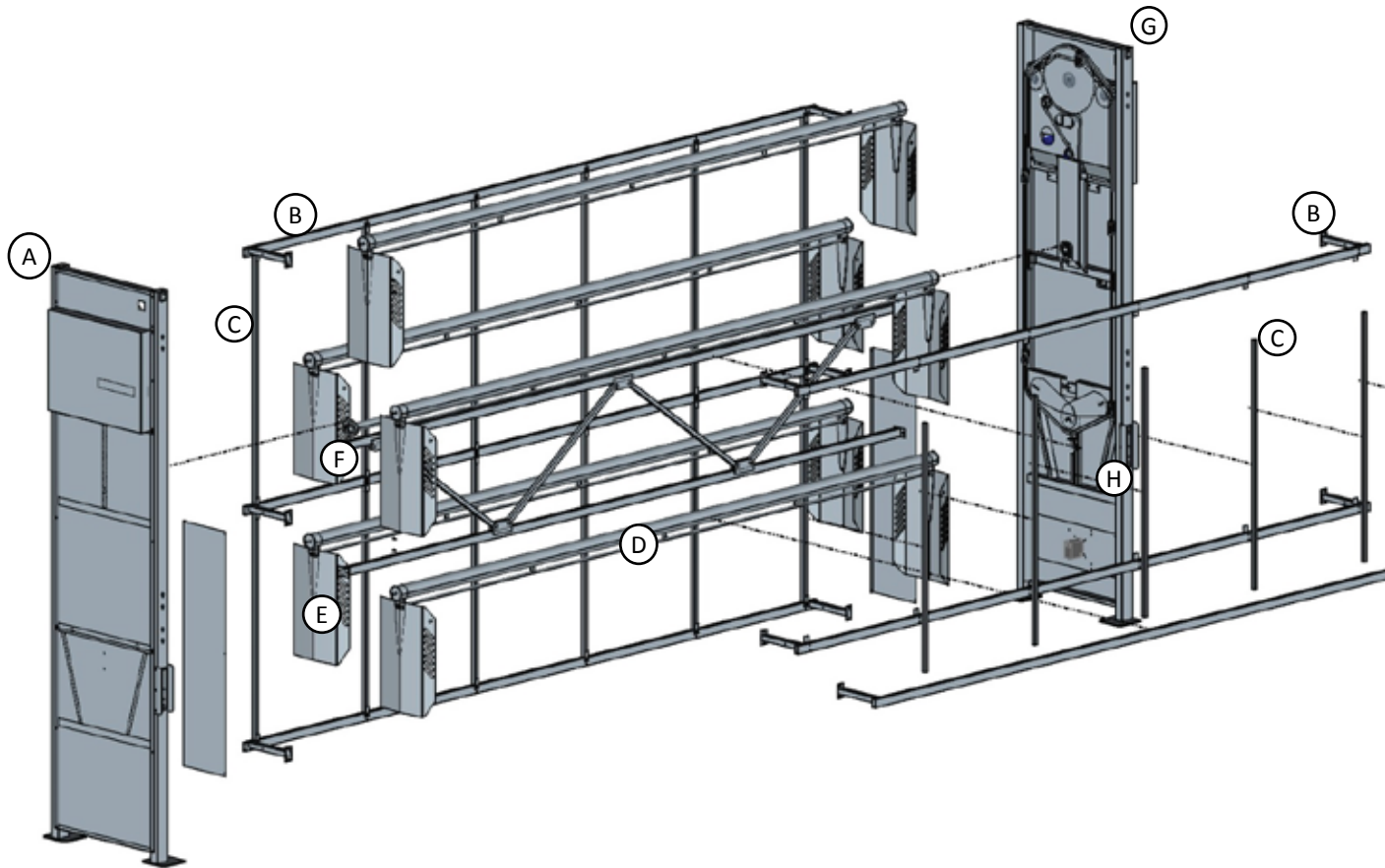
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G39 Carousel Specifications

*Garment Quantity calculated at 2 garments per inch

Model	Height	Width	Depth	Carriers	C. Width	Garment Q.	Garments per ft ²	C. Capacity
G39163-0462-18	14' 2"	20' 8"	7' 4"	04	18' 9"	1800	11.88	1,000 lbs.
G39194-0562-18	16' 9"	20' 8"	7' 4"	05	18' 9"	2250	14.85	1,000 lbs.
G39225-0662-18	19' 4"	20' 8"	7' 4"	06	18' 9"	2700	17.82	1,000 lbs.
G39256-0762-18	21' 11"	20' 8"	7' 4"	07	18' 9"	3150	20.78	1,000 lbs.
G39287-0862-18	24' 6"	20' 8"	7' 4"	08	18' 9"	3600	23.75	1,000 lbs.
G39318-0962-18	27' 1"	20' 8"	7' 4"	09	18' 9"	4050	26.72	1,000 lbs.

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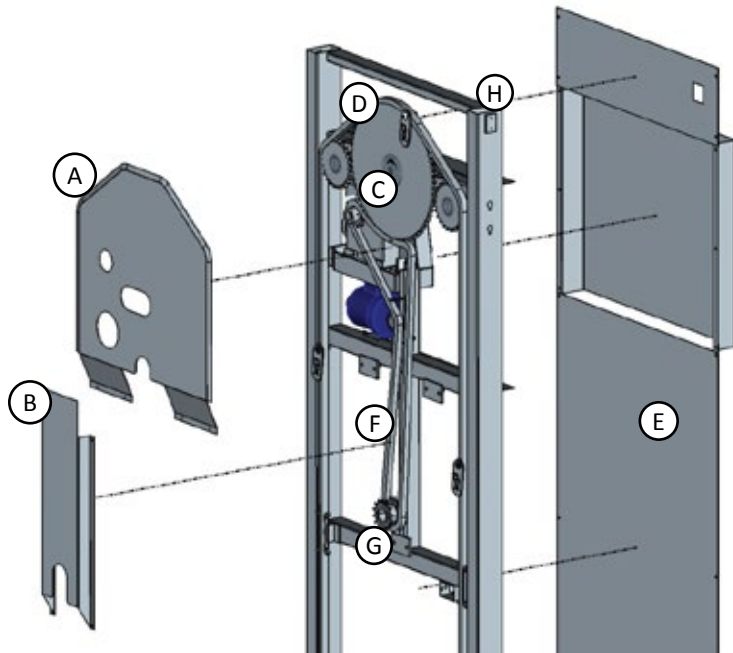


Overview

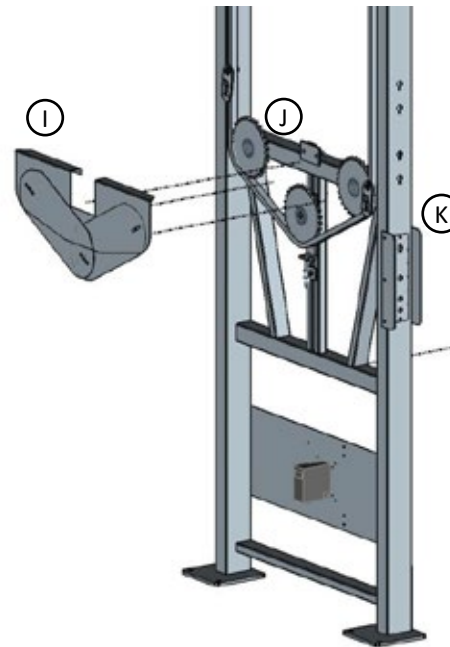
Item	Description
A	Right Tower
B	Cross Guards
C	Uprights
D	Garment Carriers
E	Garment Protectors
F	Drive Shaft
G	Left Tower
H	Control panel

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Right Carousel Tower Top



Right Carousel Tower Bottom



Overview

Item	Description
A	Top Inside Cover
B	Chain Guard
C	Load Sprockets
D	Load Chain
E	Tower Panels
F	Drive Chain
G	Drive Sprocket
H	Junction Box
I	Bottom Chain Cover
J	Bottom Sprockets
K	Control Panel

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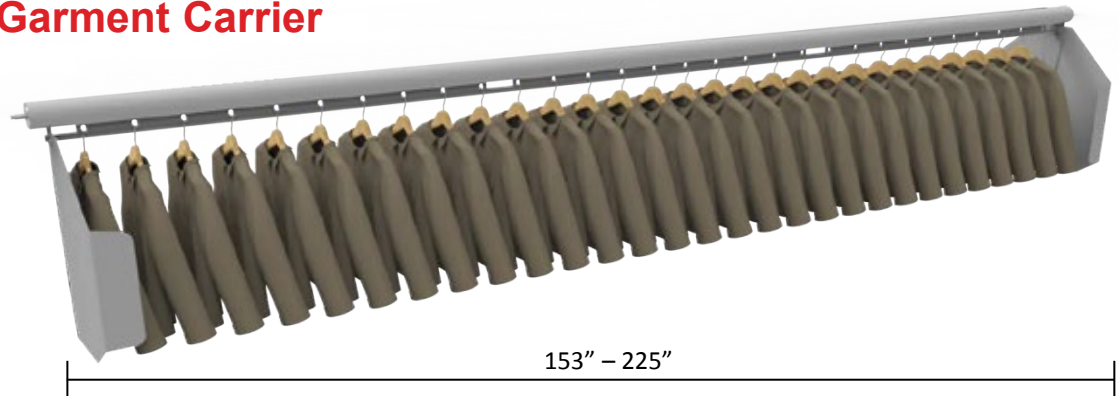
Garment End Protector



Garment Carrier Sizes

Model	Description	Garment Q.	Useable Width	C. Width	Weight
2-72004	12' Garment Carrier	306	153"	156.5"	107 lbs.
2-72005	15' Garment Carrier	378	189"	192.5"	132 lbs.
2-69939	18' Garment Carrier	450	225"	228.5"	158 lbs.
2-61397	Garment End Protector	NA	NA	NA	5 lbs.

Garment Carrier



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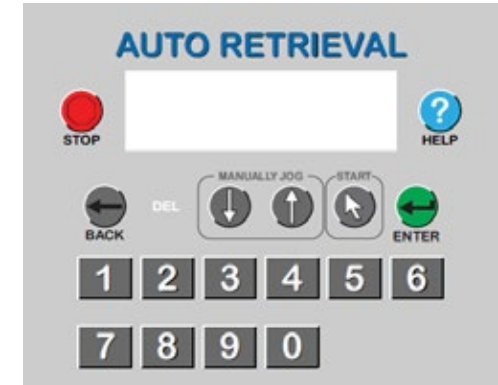
Carousel Automation

Carousel automation enables carousels to receive and execute commands. Automation can be as simple as the carousel receiving and executing a single command to an offsite inventory management system capable of processing multi-item pick lists.

Advanced inventory control solutions require a fully automated carousel for the more advanced functions. Basic inventory control can be implemented without the use of auto-retrieval but it is our recommendation to upgrade to an automated system for full utilization of inventory management techniques.

Vidir's standard automation package comes with a smart controller in place of the typical push buttons. The Magelis controller features password protection, carrier selection, manual jog, and a help function.

With the purchase of Vidir's Enterprise Solution for advanced integration, additional controllers such as Mobiles, Tablets, and PC's can be purchased from 3rd party vendors and integrated for even greater speed and control.



- Integrated PLC with the carousel
- Extended carousel frame
- Safety Light Curtains
- Smart Controller (Magelis XBT-R400)
- cCSAus Certification

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Inventory Control Solutions

Small Business Solution

Designed for small business but easily scalable, our complete inventory control system consists of a touch screen controller (PLC), bar code scanning, and Pic-to-Zone system. Additionally our intuitive inventory control software is integrated within the processor on the PLC and allows the inventory on the carousel to be easily managed and monitored.

Enterprise Solution

For organizations with an already established enterprise management solution, our carousels integrate seamlessly with other “off the shelf” or custom inventory solutions through the API. The API functions as a gateway from our hardware to the clients software. We supply the necessary command codes to program into your application, which allows the client to set the behaviors of the carousels as well as control how it interacts with the world around it.

VIS Solution

This software solution was designed for organizations that do not require a full inventory management solution but wish greater control of their carousels. The Inventory Software (VIS) is a standalone purchase that is required to be installed on a terminal within the same local network as the carousels they are controlling. The terminal must be running a Windows operating system.

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Inventory Software (VIS)

Vidir's Inventory Software was built in-house from the ground up to efficiently track and manage inventory across all of Vidir's Carousels.

Features:

- Order Picking and Fulfillment
- Product Identification
- Transaction History
- Bin Management
- Pick to Light Support
- Reporting
- Real Time Inventory Counts
- Multiple Zone Picking
- Multi-Carousel Support

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Options & Accessories

Full Enclosure – The full enclosure replaces the 2” mesh on the front and rear with solid paneling as well as adding an enclosed ceiling. This option is purchased for the added security or the fire suppression in most instances. For example, In situations where the sprinkler capacity is not adequate for the added storage space, a full enclosure can be added which will allow you to create two distinct zones, with independent fire suppression systems, in the existing room.

Dual Controls – Add a duplicate control center to the left tower of the carousel enabling control from either side of the unit.

Touchscreen Computer – A 19” Elo Touch Computer. This industrial touchscreen can be ordered independently or as part of the ‘Small Business Solutions’ package.

Bar Code Scanners – Bar code functionality is included in the ‘Small Business Solution’ or can be integrated separately with clients inventory management system.

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Options & Accessories

Electrical Change – Electrical changes can be purchased for the following electrical specifications: 575V/600V, 6 Amp, 60 Hz, 3 phase. Please inquire for information on 50 Hz configurations

Color Change (RAL) – Each additional RAL color required receives a separate charge.

Preventative Maintenance Package – an annual inspection program designed to extend the life of your carousel.

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FAQ

Delivery Lead Time – Approximately 8-10 weeks

Installation Time – Approximately 8 hours per carousel for two installers

Material Handling Requirements – A forklift and scissor lift need to be available for the duration of the install

Electricians – The correct voltages need to be onsite prior to the machine arriving. During the installation, a single electrician can connect the carousel to its power source.

Electrical Location – The electrical is run from a junction box located on the top right of the carousel

Freight – We will quote freight within North America. All requests outside North America are handled on a case by case basis.

Carousel Location – Carousel must be located on a level concrete surface and bolted to the floor. Ensure that there are no lines running beneath the desired location before drilling.

Warranty – 2 year manufacturers warranty

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