Vinyl Carousel

Introduction

The Dexion motorised Vinyl Carousel is the fast and efficient solution for storing, merchandising and dispensing rolled vinyl products. The Vinyl Carousel can reduce your storage footprint and maximise your valuable floor space, by utilising the wasted vertical storage space in your facility. Carousels also employ the "Goods-to-Person" storage principle, which eliminates travel time and greatly reduces manual handling, by delivering stored products directly to the operator at an ergonomic working height. This machine has been specifically engineered for the increased loads, product sizes and constraints of the flooring industry. The Vinyl Carousel not only stores and manages your inventory, but also provides an ideal and convenient method of displaying it, allowing customers and staff to compare and select flooring products at the push of a button.

Features

- Standard Vinyl Carousel models can store from 12 to 40 rolls (depending on the roll diameters and available storage height)
- Maximum load per carrier / storage level: 450kg (standard carriers)
- Maximum total storage load per Carousel: 5,900kg (standard models)
- Carousel configuration can be customised to cater for your specific inventory dimensions and storage requirements
- Maximised storage capacity in a small footprint
- Quality engineering and heavy duty construction
- Simple stocking / loading process

- Fast retrieval of stored products
- Improved inventory management and picking accuracy
- Single person operation allows increased efficiency and reduced labour costs
- Ergonomically designed to reduce manual handling and lifting related injuries
- User friendly push-button machine controls, including emergency stop
- Electronic security keypad to prevent unauthorised use
- Ideal for a range of applications, including: retail sales, bulk storage, industrial manufacturing and production line integration

Vinyl Carousel

⊘DEXION®

Options & Accessories

- Heavy duty upgrade – increases load capacity to 1,360kg per carrier

- Multi-tower configuration – increases carousel storage capacity by adding additional / linked storage towers to the original unit

- Dual controls – additional control panel to allow carousel to be operated from both sides

- Custom paint colours – carousels can be supplied in your choice of colour (RAL colour range)

- Advanced automation package – optional PLC / PC, software, smart machine controls and user interface accessories to provide fully automated product retrieval

- Inventory control systems – optional software packages and interface accessories to provide a wide range of inventory management functions and system integration capability

- Variable speed control – allows operator to increase or reduce rotation / retrieval speed of carousel, within limits

- Full enclosure – carousel can be fully enclosed to provide improved security and protection of stored inventory

- Rear loading configuration – modified machine assembly to allow carousel to be loaded from the rear

- Loading nose – operating station can be modified to a bullnose configuration to allow the overhead loading and retrieval of products)

- POS display panel – optional display fixture with built-in spotlight for product signage and merchandising

- Flooring cutters – a range of machines and accessories, designed for use with flooring carousels, to provide easy / accurate measuring, cutting, re-rolling and wrapping of dispensed product

- Loading trolley – heavy duty product cart designed for safe loading and moving of flooring rolls, to and from the carousel

- Velcro roll straps – secures product rolls within the carousel (Note: Each carousel is supplied with 2 x roll straps per carrier, as standard)

Technical specifications

305mm maximum roll diameter / 2000mm maximum roll length

Model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R20088-1214-06	2286	2667	813	12
R20102-1414-06	2642	2667	813	14
R20116-1614-06	2997	2667	813	16
R20179-2514-06	4597	2667	1092	25
R20228-3214-06	5842	2667	1092	32
R20284-4014-06	7264	2667	1092	40

305mm maximum roll diameter / 4000mm maximum roll length

Model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R20088-1214-4M	2286	4801	813	12
R20102-1414-4M	2642	4801	813	14
R20116-1614-4M	2997	4801	813	16
R20179-2514-4M	4597	4801	1092	25
R20228-3214-4M	5842	4801	1092	32
R20284-4014-4M	7264	4801	1092	40

356mm maximum roll diameter / 2000mm maximum roll length

Model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R20100-1216-06	2616	2667	864	12
R20116-1416-06	3023	2667	864	14
R20179-2216-06	4623	2667	1092	22
R20228-2816-06	5867	2667	1092	28
R20284-3516-06	7290	2667	1092	35

356mm maximum roll diameter / 4000mm maximum roll length

Model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R20100-1216-4M	2616	4801	864	12
R20116-1416-4M	3023	4801	864	14
R20179-2216-4M	4623	4801	1092	22
R20228-2816-4M	5867	4801	1092	28
R20284-3516-4M	7290	4801	1092	35