



Introduction

The Dexion motorised Carpet Carousel is the fast and efficient solution for storing, merchandising and dispensing rolled carpet products. The Carpet 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. The Carpet Carousel has been specifically engineered for the increased loads, product sizes and constraints of the flooring industry. The Carpet 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 Carpet Carousel models can store from 5 to 17 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

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

610mm maximum roll diameter 2000mm maximum roll length				
Model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R39082-0626-06	2286	2667	1600	6
R39108-0826-06	2946	2667	1600	8
R39134-1026-06	3608	2667	1956	10
R39160-1226-06	4267	2667	1956	12
R39174-1326-06	4597	2667	1956	13
R39186-1426-06	4928	2667	1956	14
R39212-1626-06	5588	2667	1956	16
R39225-1726-06	5918	2667	1956	17

610mm maximum roll diameter 3658mm maximum roll length				
Model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R39082-0626-12	2286	4445	1600	6
R39108-0826-12	2946	4445	1600	8
R39134-1026-12	3607	4445	1956	10
R39160-1226-12	4267	4445	1956	12
R39174-1326-12	4597	4445	1956	13
R39186-1426-12	4928	4445	1956	14
R39212-1626-12	5588	4445	1956	16
R39225-1726-12	5918	4445	1956	17

610mm maximum roll diameter 4000mm maximum roll length				
Model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R39082-0626-4M	2286	4801	1600	6
R39108-0826-4M	2946	4801	1600	8
R39134-1026-4M	3607	4801	1956	10
R39160-1226-4M	4267	4801	1956	12
R39174-1326-4M	4597	4801	1956	13
R39186-1426-4M	4928	4801	1956	14
R39212-1626-4M	5588	4801	1956	16
R39225-1726-4M	5918	4801	1956	17

610mm maximum roll diameter 4572mm maximum roll length				
Model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R39082-0626-15	2286	5360	1600	6
R39108-0826-15	2946	5360	1600	8
R39134-1026-15	3607	5360	1956	10
R39160-1226-15	4267	5360	1956	12
R39174-1326-15	4597	5360	1956	13
R39186-1426-15	4928	5360	1956	14
R39212-1626-15	5588	5360	1956	16
R39225-1726-15	5918	5360	1956	17

Technical specifications

788mm maximum roll diameter 2000mm maximum roll length				
Model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R39089-0534-06	2540	2667	1803	5
R39106-0634-06	2972	2667	1803	6
R39123-0734-06	3404	2667	1956	7
R39140-0834-06	3836	2667	1956	8
R39157-0934-06	4267	2667	1956	9
R39174-1034-06	4699	2667	1956	10
R39191-1134-06	5131	2667	1956	11
R39208-1234-06	5563	2667	1956	12
R39225-1334-06	5995	2667	1956	13

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R39123-0734-12	3404	4445	1956	7
R39140-0834-12	3836	4445	1956	8
R39157-0934-12	4267	4445	1956	9
R39174-1034-12	4699	4445	1956	10
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R39208-1234-15	5563	5360	1956	12
R39225-1334-15	5995	5360	1956	13

Technical specifications

915mm maximum roll diameter 2000mm maximum roll length

Model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R45103-0540-06	2972	2667	2108	5
R45123-0640-06	3480	2667	2261	6
R45143-0740-06	3988	2667	2261	7
R45163-0840-06	4496	2667	2261	8
R45183-0940-06	5004	2667	2261	9
R45203-1040-06	5512	2667	2261	10
R45223-1140-06	6020	2667	2261	11
R45243-1240-06	6528	2667	2261	12

915mm maximum roll diameter 3658mm maximum roll length

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R45143-0740-12	3988	4445	2261	7
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R45183-0940-12	5004	4445	2261	9
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