Wire Carousel

Introduction

The Dexion motorised Wire Carousel is the ideal solution for storing, merchandising and dispensing virtually any product stored on reels or spools,such as; wire, cable, chain, rope, hose, etc. The Wire 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 Wire Carousel has a range of industry applications, from trade and retail hardware sales, to industrial storage and manufacturing facilities. The ingenious design of this carousel provides storage for an array of different spool / reel sizes and weights, in multiple configurations, all within the same unit. The Wire Carousel is also easy to merchandise in retail applications, with ample space and fixtures for signage, pricing and product information.

Features

- Standard Wire Carousel models can support from 5 to 13 wire carriers (storage levels), each fitted with 3 adjustable storage bays

- Each carrier storage bay can be fitted with a variety of wire dispensing accessories, providing storage for a wide range of reel sizes, up to 635mm wide and 762mm in diameter

- 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

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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

- Loading trolleys – a range of heavy duty, adjustable carts designed for safe loading and moving of product reels, to and from the carousel

- Wire cutters – a range of mobile or carousel mounted accessories that provide easy / accurate measuring, cutting and re-rolling of dispensed product

- Heavy duty reel dispenser – a floor standing dispensing platform, designed for oversized reels up to 1,220mm in diameter and weighing up to 900kg

Technical specifications

610mm maximum reel diameter				
Model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
W39089-0534-06	2413	2667	1905	5
W39106-0634-06	2845	2667	1905	6
W39123-0734-06	3277	2667	1905	7
W39140-0834-06	3708	2667	1905	8
W39157-0934-06	4140	2667	1905	9
W39174-1034-06	4572	2667	1905	10
W39191-1134-06	5004	2667	1905	11
W39208-1234-06	5436	2667	1905	12
W39225-1334-06	5867	2667	1905	13

762mm maximum reel diameter				
Model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
W45103-0540-06	2870	2667	2210	5
W45123-0640-06	3378	2667	2210	6
W45143-0740-06	3810	2667	2210	7
W45163-0840-06	4394	2667	2210	8
W45183-0940-06	4902	2667	2210	9
W45203-1040-06	5410	2667	2210	10
W45223-1140-06	5918	2667	2210	11
W45243-1240-06	6350	2667	2210	12