



Introduction

The Dexion motorised Shelving Carousel is an extremely flexible and robust storage and retrieval platform, for a wide variety of product types, sizes and weights. The Shelving 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 the product directly to the operator at an ergonomic working height. With its simple yet versatile design, the Shelving Carousel has a broad range of industry applications, from warehouse storage and manufacturing facilities, to trade workshops or retail outlets. The Shelving Carousel is ideal for any business that requires fast / easy access to stored inventory, along with an array of cost saving benefits and operational efficiencies.

Features

- Standard Shelving Carousel models can support from 5 to 13 carriers (storage levels)
- Each carrier supports shelves measuring either 2,642mm or 3,861 mm wide, which can be sub-divided and partitioned, as required
- 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 industries and applications, including: trade and retail sales, bulk storage, industrial manufacturing, etc.

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
- Intermediary shelves and dividers – a range of adjustable shelving configuration accessories, for customised storage solutions
- 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
- Storage bins and totes – a range of removable storage containers for small parts

Technical specifications

| 2642mm Shelving | | | | |
|-----------------|-------------|------------|------------|-------------|
| Model number | Height (mm) | Width (mm) | Depth (mm) | Carrier qty |
| S39089-0534-08 | 2286 | 3226 | 1549 | 5 |
| S39106-0634-08 | 2718 | 3226 | 1549 | 6 |
| S39123-0734-08 | 3150 | 3226 | 1956 | 7 |
| S39140-0834-08 | 3581 | 3226 | 1956 | 8 |
| S39157-0934-08 | 4013 | 3226 | 1956 | 9 |
| S39174-1034-08 | 4445 | 3226 | 1956 | 10 |
| S39191-1134-08 | 4877 | 3226 | 1956 | 11 |
| S39208-1234-08 | 5309 | 3226 | 1956 | 12 |
| S39225-1334-08 | 5740 | 3226 | 1956 | 13 |

| Shelf Carrier Dimensions | Height (mm) | Width (mm) | Depth (mm) |
|--------------------------|-------------|------------|------------|
| | 470 | 2642 | 508 |

| 3861mm Shelving | | | | |
|-----------------|-------------|------------|------------|-------------|
| Model number | Height (mm) | Width (mm) | Depth (mm) | Carrier qty |
| S39089-0534-12 | 2286 | 4445 | 1549 | 5 |
| S39106-0634-12 | 2718 | 4445 | 1549 | 6 |
| S39123-0734-12 | 3150 | 4445 | 1956 | 7 |
| S39140-0834-12 | 3581 | 4445 | 1956 | 8 |
| S39157-0934-12 | 4013 | 4445 | 1956 | 9 |
| S39174-1034-12 | 4445 | 4445 | 1956 | 10 |
| S39191-1134-12 | 4877 | 4445 | 1956 | 11 |
| S39208-1234-12 | 5309 | 4445 | 1956 | 12 |
| S39225-1334-12 | 5740 | 4445 | 1956 | 13 |

| Shelf Carrier Dimensions | Height (mm) | Width (mm) | Depth (mm) |
|--------------------------|-------------|------------|------------|
| | 470 | 3861 | 508 |