



Textile Carousel shown with Multi-tower application.

## Introduction

The Multi-tower application is a modular extension concept, which can be applied to any carousel in the Dexion range (excluding the Pan Carousel). The Multi-tower concept greatly increases the total storage capacity of a Vertical Carousel by adding additional storage towers to the primary unit, with the carrier chains of each tower linked in a serpentine configuration. A Multi-tower design allows the carousel to retain a relatively small footprint, and maximises your valuable floor space, by utilising more of the wasted vertical storage space in your facility. Multi-tower Carousels can also increase picking efficiency, by allowing a larger volume of stored product to be presented to a single operating station. Due to their increased capacity, complexity and lengthier retrieval times, most Multi-tower Carousels are also automated using Dexion's Automation and Inventory Control Systems.

## Features

- Storage capacity can be increased from 2 to 10 or more towers in a single carousel
- Customisation to Multi-tower configuration is available for all Dexion carousels except the Pan Carousel
- Tower configuration can also be customised to suit the installation area
- 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 carousel applications requiring increased storage capacity and consolidated retrieval of stored inventory
- 12 month manufacturers warranty against defects in parts and workmanship.

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## Options & Accessories

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- Custom configurations – multi-tower storage extensions can be designed to suit the requirements of the installation area, including overhead “Bridged” or below ground “Sunken” configurations
- Heavy duty upgrade – increases load capacity to 1,360kg per carrier
- 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