Pan Carousel

⊘DEXION®

Introduction

The Dexion motorised Pan Carousel is an automated solution, for the high density storage and retrieval of small parts, with a range of advanced features and accessories that deliver high end functionality at an affordable price. The Pan Carousel can greatly reduce your storage footprint and maximise your valuable floor space, by utilising the wasted vertical storage space in your facility. Carousels 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. The Pan Carousel houses a range of highly versatile and adjustable shelving modules, which are designed to nest together for optimal utilisation of cubic storage capacity. When coupled with Dexion's inventory control software, the Pan Carousel can be integrated with existing WMS and ERP systems, to provide total automation capabilities, along with real time transaction data and reporting functionality. With its versatile design, the Pan Carousel provides a broad range of industry applications and is ideal for any business seeking; high security automated storage and precise inventory management, along with an array of cost saving benefits and operational efficiencies.

Features

- Standard Pan Carousel models can support from 10 to 24 shelf carriers (storage levels), measuring 3,022mm wide

- Each shelf carrier can be sub-divided with a range of adjustable / removable shelves and partitions, to provide flexible, high density storage options

- Maximum load per carrier / storage level: 340kg (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

- Equipped with Dexion's Advanced Automation Package and user interface accessories to provide automated machine control and product retrieval

- User friendly electronic control panel with security keypad to prevent unauthorised use

- Operating station fitted with a stainless steel, ergonomic workbench

- Enclosed side panelling to provide a clean, high security storage environment

- Optimised high density storage capacity in a small footprint

- Quality engineering and heavy duty construction

- Fast / simple process for loading and retrieval of stored products

- Greatly improves 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

- Ideal for a range of industries and applications, including: small parts storage and order fulfillment, industrial manufacturing, trade and retail sales, etc.

Options & Accessories

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

- Inventory control systems – optional software packages and user interface accessories to provide a wide range of inventory management functions and the ability to integrate with existing business systems

- 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 total protection of stored inventory

- Bi-parting security shutters – optional lockable security shutters to secure the operating station and prevent unauthorised access

- Intermediary shelves and dividers – a range of adjustable shelving configuration accessories, for customised storage solutions

- Pick-to-light – operating station can be fitted with 32 x LED location lights for system directed picking in conjunction with Dexion's inventory control system

- Touchscreen PC user interface – optional upgrade in conjunction with the advanced automation and inventory control systems

- Storage bins and totes – a range of removable storage containers for small parts

Technical specifications

P1812 Pan Carousel

Model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
P1812-12-120	2992	3642	1725	12
P1812-13-120	3170	3642	1725	13
P1812-14-120	3348	3642	1725	14
P1812-15-120	3526	3642	1725	15
P1812-16-120	3704	3642	1725	16
P1812-17-120	3881	3642	1725	17
P1812-18-120	4059	3642	1725	18
P1812-19-120	4237	3642	1725	19
P1812-20-120	4415	3642	1725	20
P1812-21-120	4593	3642	1725	21
P1812-22-120	4770	3642	1725	22
P1812-23-120	4948	3642	1725	23
P1812-24-120	5126	3642	1725	24

Shelf Carrier Dimensions	Height (mm)	Width (mm)	Depth (mm)
	305	457	3023

P2418 Pan Carousel

Model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
P2418-10-120	3754	3642	1979	10
P2418-11-120	4008	3642	1979	11
P2418-12-120	4262	3642	1979	12
P2418-13-120	4516	3642	1979	13
P2418-14-120	4770	3642	1979	14
P2418-15-120	5024	3642	1979	15
P2418-16-120	5278	3642	1979	16

Shelf Carrier Dimensions	Height (mm)	Width (mm)	Depth (mm)
	457	610	3023