



Introduction

The Dexion motorised Textile Carousel is the fast and efficient solution for storing, merchandising and dispensing a wide variety of rolled textiles and fabrics. The Textile 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. This machine not only stores, displays and manages your inventory, but can also be effectively integrated into production environments. The Textile Carousel is ideal for use in any production line, where the efficient and accurate dispensing of rolled goods is an integral component of the manufacturing process.

Features

- Standard Textile Carousel models can handle a wide variety of rolled goods up to 4572mm in length, and can store from 5 to 32 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 industries and 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
- Loading trolley – heavy duty product cart designed for safe loading and moving of product 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

305mm maximum roll diameter 2000mm maximum roll length				
model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R20088-1214-06	2286	2667	813	12
R20102-1414-06	2642	2667	813	14
R20116-1614-06	2997	2667	813	16
R20130-1814-06	3353	2667	1092	18
R20144-2014-06	3708	2667	1092	20
R20158-2214-06	4064	2667	1092	22
R20172-2414-06	4420	2667	1092	24
R20179-2514-06	4597	2667	1092	25
R20186-2614-06	4775	2667	1092	26
R20200-2814-06	5131	2667	1092	28
R20214-3014-06	5486	2667	1092	30
R20228-3214-06	5842	2667	1092	32

305mm maximum roll diameter 3658mm maximum roll length				
model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R20088-1214-12	2286	4445	813	12
R20102-1414-12	2642	4445	813	14
R20116-1614-12	2997	4445	813	16
R20130-1814-12	3353	4445	1092	18
R20144-2014-12	3708	4445	1092	20
R20158-2214-12	4064	4445	1092	22
R20172-2414-12	4420	4445	1092	24
R20179-2514-12	4597	4445	1092	25
R20186-2614-12	4775	4445	1092	26
R20200-2814-12	4775	4445	1092	28
R20214-3014-12	5486	4445	1092	30
R20228-3214-12	5842	4445	1092	32

Technical specifications

305mm maximum roll diameter 4000mm maximum roll length				
model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R20088-1214-4M	2286	4801	813	12
R20102-1414-4M	2642	4801	813	14
R20116-1614-4M	2997	4801	813	16
R20130-1814-4M	3353	4801	1092	18
R20144-2014-4M	3708	4801	1092	20
R20158-2214-4M	4064	4801	1092	22
R20172-2414-4M	4420	4801	1092	24
R20179-2514-4M	4597	4801	1092	25
R20186-2614-4M	4775	4801	1092	26
R20200-2814-4M	5131	4801	1092	28
R20214-3014-4M	5486	4801	1092	30
R20228-3214-4M	5842	4801	1092	32

457mm maximum roll diameter 2000mm maximum roll length				
model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R24105-1020-06	2794	2667	1067	10
R24125-1220-06	3302	2667	1194	12
R24145-1420-06	3810	2667	1194	14
R24165-1620-06	4318	2667	1194	16
R24185-1820-06	4826	2667	1194	18
R24205-2020-06	5334	2667	1194	20
R24225-2220-06	5842	2667	1194	22
R24245-2420-06	6350	2667	1194	24

457mm maximum roll diameter 4000mm maximum roll length				
model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R24105-1020-4M	2794	4801	1067	10
R24125-1220-4M	3302	4801	1194	12
R24145-1420-4M	3810	4801	1194	14
R24165-1620-4M	4318	4801	1194	16
R24185-1820-4M	4826	4801	1194	18
R24205-2020-4M	5334	4801	1194	20
R24225-2220-4M	5842	4801	1194	22
R24245-2420-4M	6350	4801	1194	24

305mm maximum roll diameter 4572mm maximum roll length				
model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R20088-1214-15	2286	5360	813	12
R20102-1414-15	2642	5360	813	14
R20116-1614-15	2997	5360	813	16
R20130-1814-15	3353	5360	1092	18
R20144-2014-15	3708	5360	1092	20
R20158-2214-15	4064	5360	1092	22
R20172-2414-15	4420	5360	1092	24
R20179-2514-15	4597	5360	1092	25
R20186-2614-15	4775	5360	1092	26
R20200-2814-15	4775	5360	1092	28
R20214-3014-15	5486	5360	1092	30
R20228-3214-15	5842	5360	1092	32

457mm maximum roll diameter 3658mm maximum roll length				
model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R24105-1020-12	2794	4445	1067	10
R24125-1220-12	3302	4445	1194	12
R24145-1420-12	3810	4445	1194	14
R24165-1620-12	4318	4445	1194	16
R24185-1820-12	4826	4445	1194	18
R24205-2020-12	5334	4445	1194	20
R24225-2220-12	5842	4445	1194	22
R24245-2420-12	6350	4445	1194	24

457mm maximum roll diameter 4572mm maximum roll length				
model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R24105-1020-15	2794	5360	1067	10
R24125-1220-15	3302	5360	1194	12
R24145-1420-15	3810	5360	1194	14
R24165-1620-15	4318	5360	1194	16
R24185-1820-15	4826	5360	1194	18
R24205-2020-15	5334	5360	1194	20
R24225-2220-15	5842	5360	1194	22
R24245-2420-15	6350	5360	1194	24

Technical specifications

610mm maximum roll diameter				
2000mm maximum roll length				
model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R39108-0826-06	2946	2667	1600	8
R39121-0926-06	3277	2667	1956	9
R39134-1026-06	3608	2667	1956	10
R39147-1126-06	3937	2667	1956	11
R39160-1226-06	4267	2667	1956	12
R39174-1326-06	4597	2667	1956	13
R39186-1426-06	4928	2667	1956	14
R39199-1526-06	5258	2667	1956	15
R39212-1626-06	5588	2667	1956	16
R39225-1726-06	5918	2667	1956	17

610mm maximum roll diameter				
4000mm maximum roll length				
model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R39108-0826-4M	2946	4801	1600	8
R39121-0926-4M	3277	4801	1956	9
R39134-1026-4M	3608	4801	1956	10
R39147-1126-4M	3937	4801	1956	11
R39160-1226-4M	4267	4801	1956	12
R39174-1326-4M	4597	4801	1956	13
R39186-1426-4M	4928	4801	1956	14
R39199-1526-4M	5258	4801	1956	15
R39212-1626-4M	5588	4801	1956	16
R39225-1726-4M	5918	4801	1956	17

813mm maximum roll diameter				
2000mm maximum roll length				
model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R39089-0534-06	2565	2667	1803	5
R39106-0634-06	2997	2667	1803	6
R39123-0734-06	3429	2667	1956	7
R39140-0834-06	3861	2667	1956	8
R39157-0934-06	4293	2667	1956	9
R39174-1034-06	4724	2667	1956	10
R39191-1134-06	5156	2667	1956	11
R39208-1234-06	5588	2667	1956	12
R39225-1334-06	6020	2667	1956	13

610mm maximum roll diameter				
3658mm maximum roll length				
model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R39108-0826-12	2946	4445	1600	8
R39121-0926-12	3277	4445	1956	9
R39134-1026-12	3608	4445	1956	10
R39147-1126-12	3937	4445	1956	11
R39160-1226-12	4267	4445	1956	12
R39174-1326-12	4597	4445	1956	13
R39186-1426-12	4928	4445	1956	14
R39199-1526-12	5258	4445	1956	15
R39212-1626-12	5588	4445	1956	16
R39225-1726-12	5918	4445	1956	17

610mm maximum roll diameter				
4572mm maximum roll length				
model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R39108-0826-15	2946	5360	1600	8
R39121-0926-15	3277	5360	1956	9
R39134-1026-15	3608	5360	1956	10
R39147-1126-15	3937	5360	1956	11
R39160-1226-15	4267	5360	1956	12
R39174-1326-15	4597	5360	1956	13
R39186-1426-15	4928	5360	1956	14
R39199-1526-15	5258	5360	1956	15
R39212-1626-15	5588	5360	1956	16
R39225-1726-15	5918	5360	1956	17

813mm maximum roll diameter				
3658mm maximum roll length				
model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R39089-0534-12	2565	4445	1803	5
R39106-0634-12	2997	4445	1803	6
R39123-0734-12	3429	4445	1956	7
R39140-0834-12	3861	4445	1956	8
R39157-0934-12	4293	4445	1956	9
R39174-1034-12	4724	4445	1956	10
R39191-1134-12	5156	4445	1956	11
R39208-1234-12	5588	4445	1956	12
R39225-1334-12	6020	4445	1956	13

Technical specifications

813mm maximum roll diameter

4000mm maximum roll length

model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R39089-0534-4M	2565	4801	1803	5
R39106-0634-4M	2997	4801	1803	6
R39123-0734-4M	3429	4801	1956	7
R39140-0834-4M	3861	4801	1956	8
R39157-0934-4M	4293	4801	1956	9
R39174-1034-4M	4724	4801	1956	10
R39191-1134-4M	5156	4801	1956	11
R39208-1234-4M	5588	4801	1956	12
R39225-1334-4M	6020	4801	1956	13

813mm maximum roll diameter

4572mm maximum roll length

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R39106-0634-15	2997	5360	1803	6
R39123-0734-15	3429	5360	1956	7
R39140-0834-15	3861	5360	1956	8
R39157-0934-15	4293	5360	1956	9
R39174-1034-15	4724	5360	1956	10
R39191-1134-15	5156	5360	1956	11
R39208-1234-15	5588	5360	1956	12
R39225-1334-15	6020	5360	1956	13

965mm maximum roll diameter

2000mm maximum roll length

model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R45103-0540-06	2997	2667	2108	5
R45123-0640-06	3505	2667	2261	6
R45143-0740-06	4013	2667	2261	7
R45163-0840-06	4521	2667	2261	8
R45183-0940-06	5029	2667	2261	9
R45204-1040-06	5537	2667	2261	10
R45223-1140-06	6045	2667	2261	11
R45243-1240-06	6553	2667	2261	12

965mm maximum roll diameter

3658mm maximum roll length

model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R45103-0540-12	2997	4445	2108	5
R45123-0640-12	3505	4445	2261	6
R45143-0740-12	4013	4445	2261	7
R45163-0840-12	4521	4445	2261	8
R45183-0940-12	5029	4445	2261	9
R45204-1040-12	5537	4445	2261	10
R45223-1140-12	6045	4445	2261	11
R45243-1240-12	6553	4445	2261	12

965mm maximum roll diameter

4000mm maximum roll length

model number	Height (mm)	Width (mm)	Depth (mm)	Carrier qty
R45103-0540-4M	2997	4801	2108	5
R45123-0640-4M	3505	4801	2261	6
R45143-0740-4M	4013	4801	2261	7
R45163-0840-4M	4521	4801	2261	8
R45183-0940-4M	5029	4801	2261	9
R45204-1040-4M	5537	4801	2261	10
R45223-1140-4M	6045	4801	2261	11
R45243-1240-4M	6553	4801	2261	12

965mm maximum roll diameter

4572mm maximum roll length

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R45103-0540-15	2997	5360	2108	5
R45123-0640-15	3505	5360	2261	6
R45143-0740-15	4013	5360	2261	7
R45163-0840-15	4521	5360	2261	8
R45183-0940-15	5029	5360	2261	9
R45204-1040-15	5537	5360	2261	10
R45223-1140-15	6045	5360	2261	11
R45243-1240-15	6553	5360	2261	12