

Mekdrive 3 Compactus®



Product overview

Dexion's Mekdrive 3 Compactus® revolutionises filing and storage systems with advanced technology and design. The Mekdrive 3 Compactus® now has up to 78% more storage capacity with increased width from 2700mm to 4800mm. Enhancements include a modern and unique stylised hand-wheel with integrated spinner handle, providing safer and easier operation.

The Mekdrive 3 Compactus® is the lightest mechanically assisted mobile storage system available. It has been designed to keep floor loads to a minimum, a major consideration in commercial office buildings. The Mekdrive 3 Compactus® has an increased system width of four shelving bays, which could previously only be achieved with fixed-track systems. The Mekdrive 3 Compactus® provides incredible value and cost efficiencies when compared with traditional mechanically operated fixed-track systems.

The robust chain drive and ergonomically designed hand-wheel now moves up to 6,000kg (previously 4,000kg) block loads effortlessly, eliminating operator strain. The system includes patented pivoting ramps which can accommodate varying floor contours, unique to the Mekdrive 3 Compactus®.

Users of the Dexion Freetrack system can easily upgrade from their existing hand operated unit to the Mekdrive 3 system for improved operation.

Key features and benefits

- The Mekdrive 3 Compactus® delivers a market leading system width, which redefines non fixed-track Compactus® capability. It does not require fixing into the floor, eliminating any permanent damage and allowing for cost effective relocation and reconfiguration of the system.
- Available in up to four shelving bays in widths with a maximum widths of 4800mm, offering a total block load capacity (limit) of 6,000kg, over five tracks.
- The Mekdrive 3 has an optional longer pivoting ramp allowing the tracks to be levelled to a height of 100mm, catering for wider system widths and can be installed over varying floor contours.
- The clip-on track ramps further reduce trip hazards increasing safety and allows for the movement of trolleys and wheelchairs between the shelving bays.
- There are a variety of locking options available providing additional security to stored documents.
- The Mekdrive3 track chain has a zinc plated finish providing a low maintenance solution with easy tensioning that requires no lubrication, keeping a clean look.
- The low profile track design, effectively lowers the overall height of the system to keep all storage levels within easy reach.
- The Mekdrive 3 Compactus® has multiple track configurations for better distribution of floor loads. The unique track anti-tilt mechanism secures all shelving, further enhancing operator safety. It has a narrower track at 105mm, which offers less protrusion outside the shelving width.
- The Mekdrive 3 hand-wheel can be retro-fitted to Mekdrive 1 and 2 systems with a simple modification.
- The Mekdrive 3 Compactus® has been awarded a 'Level A' Greentag certification to help deliver greener project outcomes for our clients.
- Dexion offers a 10 year warranty on this product.



Mekdrive 3 Compactus®

Technical specifications

Drive type	Mechanically assisted	Shelving height	1875mm 2175mm 2400mm
Shelving and accessory system	Ultima CI-80	Overall system height	1940mm 2240mm 2465mm
Maximum system width	4800mm*	Maximum bay carrying capacity*	700kg
Shelving width (bay width)	750mm 900mm 1050mm 1200mm	Maximum movable block load*	6,000kg
Shelving depth	250mm 300mm 400mm 450mm 500mm 600mm	Security	Main unit lock or aisle lock
		Standard colour	Stone white (Shelves) Anodized Aluminium (Track and carriage)
		Other colours	P.O.A

* Subject to a maximum of 5 tracks in width (4 shelving bays) and maximum movable block load.

Distributed load(s): Shelf, beam and bay capacities may vary. Please contact your representative for specific maximum loads on your configuration.

Accessories

- Bins
- Bin fronts
- Coat rail
- Finline shelves
- Finline shelf divider
- Hanging file chassis
- Roll out – file frame
- Roll out – media drawer
- Roll out – reference shelf
- Roll out – shallow drawer
- Roll out – deep drawer
- Shelf – slotted
- Shelf – plain
- Shelf stiffener
- Shelf file rack – suspended
- Shelf file rack – wrap around

Floor loads

Please contact your representative for information relating to point loads exerted by the wheels on the tracks.

Shelf loads

If the shelving is being used for paper filing the figures below may be used as a guide to the actual load of the contents.

Shelf width (mm)	Average weight (kg)	Maximum weight (kg)
750	30	37.5
900	40	45
1050	45	50
1200	50	60

The Dexion Ultima CI-80 standard unbraced shelves have the following maximum load rating. These ratings are based on distributed load(s).

Shelf width (mm)	Shelf depth (mm)					
	250	300	400	450	500	600
750	130kg	130kg	115kg	115kg	115kg	115kg
900	130kg	130kg	115kg	115kg	115kg	115kg
1050	80kg	80kg	80kg	80kg	100kg	100kg
1200	80kg	80kg	80kg	80kg	100kg	100kg

These load ratings can be increased by adding our shelf stiffeners. Achieve up to 240kg shelf loads.



Mekdrive 3 Compactus[®]

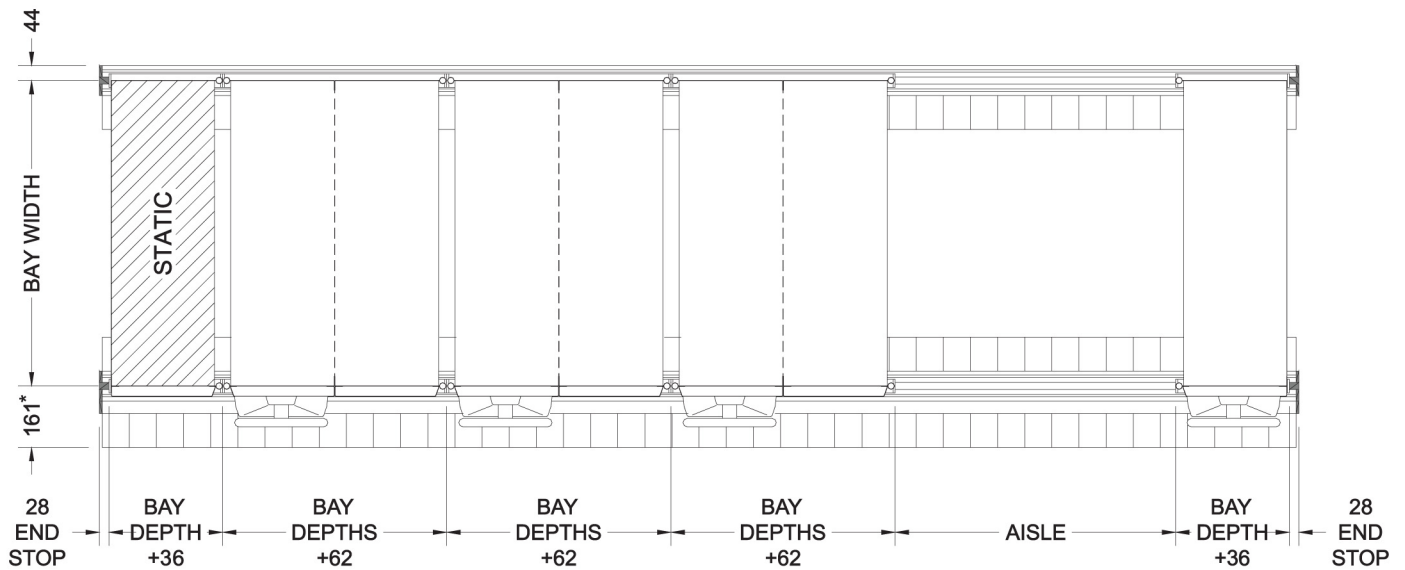
Overall dimensions

Unit depth

The Mekdrive 3 Compactus[®] units have a Mekdrive track on the front and a standard track rear of the unit. Standard tracks add 44mm and Mekdrive tracks add 61mm to the nominal bay dimension. In installation, it is advised that the track closest to a wall has a 50mm clearance away from the wall.

Unit length

Tracks are manufactured in standard 3m lengths and cut to suit the precise floor space that is available. Generally, an individual unit should not exceed 9m in length.



*With a standard ramp. If using the long ramp add 75mm (total of 236mm).



Single bay Mekdrive 3 Compactus[®]



Two bay Mekdrive 3 Compactus[®]



Three bay Mekdrive 3 Compactus[®]



Mekdrive 3 hand-wheel

Disclaimer:

The Information contained herein is the intellectual property of Dexion. The Information is defined to include: data, text, images, specification, graphics, design details and any and all other information whatsoever contained herein. The Information has been produced exclusively for Dexion and may not be used for any other purpose. None of the information may be used, altered, edited, copied, distributed or duplicated in any way without the express written consent of Dexion. Whilst the utmost care is taken to ensure the accuracy of the information contained herein, Dexion makes no guarantee as to its accuracy. Dexion shall, under no circumstances, be liable for any costs, losses, expenses or damages which may in any way be attributable to the use or adoption of such data and/or design details. All dimensions indicated are nominal only. Dexion reserves the right to alter or amend any of the information herein, including data and design details, without prior notice.

