

Dexion Mekdrive 3 Compactus®

Frequently Asked Questions

Q: How has the performance of the Mekdrive 3 Compactus® been improved, compared to the Mekdrive 2 Compactus®?

A: The new Mekdrive 3 Compactus® revolutionizes storage capacity within the non-fixed track Compactus® market. The Mekdrive 3 Compactus® now has a 4800mm shelf depth (previously 2700mm) and a moveable block load of 6,000kg (previously 4,000kg) which irrevocably changes the non-fixed track Compactus® market. The Mekdrive 3 Compactus® delivers storage capacity equal to that of smaller fixed track systems with the advantages of lower overall height and lower installation cost with a system that is dramatically more versatile.

Q: Can I retro-fit the new hand-wheel with integrated spinner handle to an existing Mekdrive 1 or Mekdrive 2 Compactus®?

A: Yes, the hand-wheel can be easily upgraded. The retro-fit kits can be ordered separately and easily installed by your local Dexion team.

Q: Can the new positive drive system be upgraded to an existing Mekdrive 1 or Mekdrive 2 Compactus®?

A: Yes, the flexible nature of the system means existing Mekdrive 1 or Mekdrive 2 Compactus® drive systems and front tracks can easily be upgraded to the new Mekdrive 3 Compactus® positive drive and hand-wheel system, without altering the balance of the existing Freetrack 2 Compactus® tracks. Please note; the installation of the new positive drive system will be need to be undertaken by an authorised Dexion installer.

Q: What is the new hand-wheel made from and does it come in different colours?

A: The hand wheel is made from tough Zytel® Nylon 66 plastic, which is hard wearing and durable. It is available in black only.

Q: Has the Mekdrive 3 Compactus® been tested?

A: Yes it has been load tested internally to ensure it is fit-for-purpose. For further specification details, please see the Mekdrive 3 Compactus® specification sheet at www.dexion.com.au/en/c/browse-by-product/compactus-mobile-shelving-46

Q: Why can Mekdrive 3 Compactus® be configured to four shelving bays in depth, when the maximum width of Mekdrive 2 Compactus® was much smaller?

A: The new mechanical assisted drive system with the positive drive chain and sprocket can manage larger block loads, while Mekdrive 1 and 2 Compactus® utilised a friction based system which is not suitable for the larger loads that the Mekdrive 3 is designed for. The maximum moveable block loads have increased from 4,000kgs to 6,000kgs with the release of the Mekdrive 3 Compactus®.

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Q: What are the benefits of a Mekdrive 3 Compactus[®] over a fixed track mobile system?

A: The Mekdrive 3 Compactus[®] is more efficient and cost effective in comparison to the fixed track mobile systems because there is less labour and material involved in the installation. Cost savings are achieved by not having to anchor down the fixed track mobile system, the timber false floor infill with ramp and the overhead stabiliser. Also, some drive train components are eliminated altogether.

Q: Why has the new spinner handle been added to the hand-wheel?

A: There has been an improvement to the ergonomics of the system that ensures a smoother and safer operation and requires only one hand to manoeuvre the bay, whilst your body is in line with the direction of the moving carriage. With the previous Mekdrive 1 or Mekdrive 2 Compactus[®], the users would need to move very slowly alongside the moving carriage, generally using both hands to turn the hand-wheel.

Q: How do I work out the maximum shelving width to be used without exceeding the moveable block load?

A: Dexion has crated design manuals and programs to establish maximum system parameters. Your local Dexion representative will assess your storage needs and identify the right solution for your business. Please contact your local Dexion representative for assistance.

Q: Why have you added the longer ramps to the system?

A: The addition of an optional longer pivoting ramp, maintains the flexibility and functionality of this market leading (patented) feature by ensuring the levelling of tracks across a larger footprint, with greater floor height variances, is easily managed. At 150mm in length, the longer ramp works in harmony with the doubling of the previous Mekdrive 2 Compactus[®] maximum levelling plate height to 100mm; catering for wider system widths (up to five tracks) which can be installed over varying floor contours.

Q: How much wider does the long ramp make the unit?

A: If you add a long ramp to the front track it will add up to 75mm to the overall depth compared to the standard ramps. If you added long ramps to the front and back of the unit it will add up to 150mm to the typical depth of the units (compared to standard ramps).

Q: Is the system belt driven?

A: No, the Mekdrive 3 Compactus[®] has a positive drive system, whereby the chain is discreetly integrated within the track and finished in a durable zinc coating producing an aesthetic appeal which eliminates the need for lubrication. The chain can be easily tensioned at any time.

Q: Does the system have any environmental certification?

A: Yes. Dexion is proud to advise that Mekdrive 3 Compactus[®] is being released with a 'Level A' certification from GreenTag. This is a higher level certification than the previous Good Environmental Choice certification, as the product has now undertaken a full Life Cycle Assessment (LCA).