Mekdrive 2

compactus®

Introduction

Mekdrive 2 revolutionises filing and storage systems with advanced technology and design. It is the lightest mechanically assisted mobile storage system available; this keeps floor loads to a minimum, a major consideration in most high rise buildings. And best of all, its unique belt-drive technology and ergonomically designed hand-wheel moves 4000kg block loads effortlessly, removing operator strain.

Mekdrive 2 provides incredible value when compared with traditional mechanically operated fixed-track systems. Mekdrive 2 does not require floor fixing or timber infills, eliminating the possibility of damage to floor coverings. You can easily upgrade to a Mekdrive from a Freetrack system.

Features

- Create an extremely efficient high density filing and storage system by mounting Ultima CI-80 shelving onto the attractive Mekdrive 2 track and runner system

- The innovative low profile track design provides great strength and enhanced mobility for the Mekdrive 2 runners

- Attractive clip-on track ramps further reduce trips hazards and allow for the movement of trolleys or wheelchairs between shelving bays

- Multiple track configurations apply better distribution of floor loads

- Mekdrive 2 needs no fixing into the floor. This eliminates any permanent damage to floors and flooring material, plus allows for cost effective relocation or reconfiguration of the systems as needs arise

- The unique track based anti-tilt mechanism secures all shelving, further enhancing operator safety and the hand wheel reduces risk of hand or arm injury

- Easily add to your Mekdrive 2 system should the need arise

- A choice of locking options provides added security

Technical specifications

Drive type	Mechanically assisted
Shelving & accessory system	Ultima CI-80
Maximum system width	2700mm
Shelving width (bay width)	750mm 900mm 1200mm
Shelving depth	300mm 400mm 450mm 600mm
Shelving height	1875mm 2175mm 2400mm
Overall system height	1940mm 2240mm 2465mm
Maximum bay carrying capacity*	500kg
Maximum movable block load*	4000kg
Security	Tracks &/or aisle lock
Standard colour	White Satin or HP Pearl
Other colours	Refer to Colour Selector

*Uniformly Distributed Load. Shelf, beam and bay capacities vary, contact your representative for specific maximum loads based on your configuration.

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Shelf loads

Ultima CI-80 standard unbraced shelves have the following maximum load rating. These ratings are based on an uniformly distributed load.

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
1200	80kg	80kg	80kg	80kg	100kg	100kg

*These load ratings can be increased by adding our shelf stiffeners. Achieve up to 240kg 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)	Max weight (kg)
750	25	37.5
900	30	45
1200	40	60

Other

Accessories

- Shelf – slotted
- Shelf – plain
- Shelf stiffener
- Divider – binning
- Divider – slotted shelf
- Coat rail
- Bin fronts
- Roll out – file frame
- Roll out – media drawer
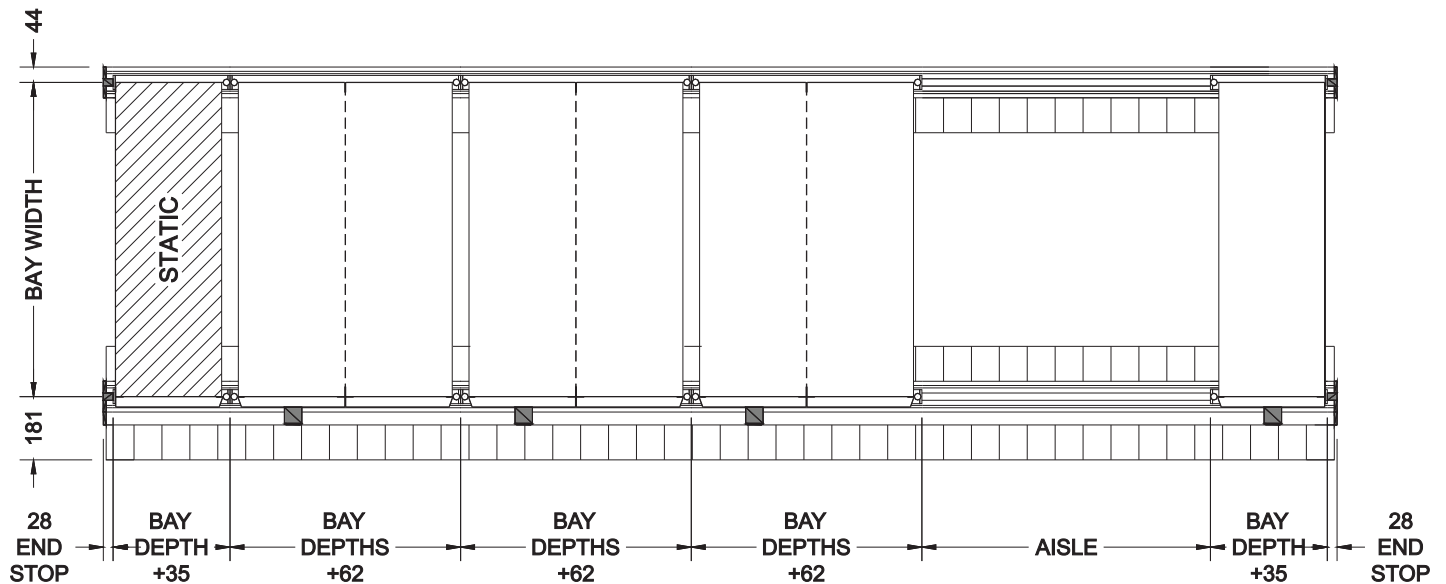- Roll out – reference shelf
- Bins

Floor loads

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

Overall dimensions

Overall unit depth

Mekdrive units have a Mekdrive track on the front and a Standard track rear of the unit. Standard tracks add 44mm, and Mekdrive tracks add 81mm to the nominal bay dimension. In installation, it is advised that the unit closest to a wall has a 50mm clearance away from the wall.

Overall 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 9000m in length.