

Features

- The Eclipse carriages can be designed to take shelving, racking, cabinets, even non Dexion products can be fitted to the Eclipse carriages (ideal for re-use of existing shelving components).
- Available in standard lengths up to 24.6m. Greater carriage lengths are possible, depending on system load factors.
- Maximum load carrying capacity of 1,500kg per linear meter.
- Standard carriages up to 1200mm depth (deeper carriages can be designed on request).
- Unique in-track anti-tilt safety mechanism is superior to conventional overhead mechanisms. Eliminating obtrusive overhead bars. Designed for seismic conditions.
- Light-immune photo sweep uses an infrared beam to detect people or objects within a closing aisle.
- A choice of sequential or block movement ensures placement and retrieval of stored contents can be done time-efficiently through programmed unit movements.
- Carriage speeds can be programmed to suit the method of operation (from 11.4sec to 2min per metre).
- Two motor sizes are available to ensure carriage and stored content loads are correctly catered for.
- Programmable carriages allow tailored carriage movement speed, soft start and stop, distance between parked carriages and more. They can also be re-programmed at any time.
- Laminate end panels are provided as standard and can be selected from a range of colours.
- 10 year warranty on motor.
- All control push buttons are (6cm) or more of surface area for ease of use by disabled operators.
- Audible signals confirm push button commands.
- All electronic controls are housed behind the laminated face panels for ease of access for service and programmable changes. No need to climb above the unit or remove contents from shelves to access the controls.
- Built in torroids and line filters provide protection against stray radio frequencies and dirty power conditions.
- By adjusting track size, spacing and orientation, floor loads can be optimally distributed at practical bearing points.
- All tracks are fully supported and grouted to evenly distribute system weight.
- Carriage wheels and tracks are machine tooled for precision and tolerance to ensure maximum strength and system life.
- Welded-steel carriage sections enhance the Compactus alignment and reduce binding, racking and misalignment of carriage and shelving.
- Optional aisle entry sensor system detects when an aisle is accessed and locks the carriages in place until the user exits the aisle.
- Optional Zero Force Sensor (ZFS) – This patented safety system provides a completely passive method of protecting people and objects in an open aisle. Utilising multiple infra red sensors, this safety system is superior to any offered in the market today.
- Optional environmental sensors.
- Optional auto brake which ensures carriages do not drift as a result of floor deflection or for enhanced security.
- Optional synchronised drive system is utilised when the carriages need to be driven from both sides to minimise vibration and provide positive tracking – even with unbalanced loads. This is highly recommended when storing fragile contents.
- Optional system key lock secures the entire Compactus system to prevent unauthorised access.
- Optional security keypads allow pin code security to be allocated to individual staff members. Audit trails can be downloaded from the system identifying when the system was accessed, who accessed it and when, plus denied access. Security keypads also provide an L.C.D in-use system operator message.
- Optional energy efficient integrated aisle & bay lighting is activated when an aisle is opened and turns off when the aisle is closed or via a timer.
- Optional link to a building fire alarm, sprinkler or security systems.
- Optional remote user key provides operations for move, stop and reset functions at a distance of up to 1.8m.

Shelf loads – Ultima

Ultima shelves have the following maximum load rating. These ratings are based on a uniformly distributed load (UDL).

Plain shelves	Shelf depth (mm)					
Bay width (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.

Stiffened shelves	Shelf depth (mm)				
Bay width (mm)	300	400	450	500	600
750	240kg	240kg	200kg	200kg	200kg
900	240kg	240kg	200kg	200kg	200kg
1050	170kg	170kg	170kg	190kg	190kg
1200	170kg	170kg	170kg	190kg	190kg

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
1050	35	52.5
1200	40	60

Shelf loads – Longspan

Ultima Steel Shelves supported on Longspan one piece beams have the following maximum load rating. These ratings are based on uniformly distributed load.

Shelf width (mm)	Shelf depth (mm)					
	400	450	500	600	760	900
900	130kg	130kg	115kg	115kg	100kg	100kg
1200	170kg	170kg	150kg	150kg	130kg	130kg
1500	260kg	260kg	230kg	230kg	160kg	160kg
1800	260kg	260kg	230kg	230kg	200kg	200kg
2100	300kg	300kg	265kg	265kg	230kg	230kg
2400	340kg	340kg	300kg	300kg	260kg	260kg

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

Other

Accessories – Ultima

- Shelf – slotted
- Shelf – plain
- Shelf stiffener
- Divider – binning
- Divider – slotted shelf
- Divider – wrap around
- Filing rack – suspended
- Filing rack – wrap around
- Hanging file chassis
- Coat rail
- Bin fronts
- Roll out – file frame
- Roll out – media drawer
- Roll out – reference shelf
- Bins

Accessories – Longspan

- Shelf – steel
- Shelf – particleboard
- Shelf – mesh
- Shelf support bars
- Divider – mesh
- Mesh binning
- Bins
- Upright cap

Floor loads

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

Overall dimensions

Overall unit depth

Refer to image below.

Overall unit length

Tracks are manufactured to suit the available space.

