

# Industrial shelving & racking

making space work for you

# Industrial shelving & racking



R A C K L I N E

# midispan

a versatile heavy  
duty system

Midispan is a heavy duty system that uses shelves rather than beam technology in its design. This feature makes Midispan the most flexible heavy duty system in the Rackline range.

Its modular design incorporating three sizes of shelf up to 1.25 metres in width makes it suitable for the broadest range of complementary accessories in the Rackline Industrial range. These accessories including shelf dividers, plastic drawers, cradles and hanging rails are all designed to suite into the flexible configurations that can be created.

The Midispan system can be optimised to make the best use of the height within any room with frames of up to 13 metres. It can be a static system or split into two or three tier systems complete with floors and walkways. The Midispan can also be mounted onto mobile bases to provide high density storage.

Midispan features unique shelf support clips that simply slot into place providing firm support for even the heaviest loading requirements, yet allowing for quick and easy repositioning whenever required. Standard shelves will support loads of around 160kgs and bays of around 1300kgs – and when that's not enough, there's the option to specify heavy or extra heavy duty for the more demanding environment.

The system is typically specified in manual access environments such as mechanical and automotive workshops, schools, retail back of store space and hospitals where the ability to reconfigure shelving systems, add or reposition accessories and introduce extension bays is fundamental to the design.

All components are pre-phosphated and stove enamelled for a hard wearing, high gloss finish in a choice colours.

BioCote anti-bacterial finish is standard on all internal and external surfaces. BioCote inhibits the growth of potentially dangerous bacteria and fungi, such as Salmonella, MRSA and E.Coli.



adjustable dividers



steel drawers



louvre panels



floor trim



garment hanging



cupboard doors



lateral filing frames



timber shelving



plastic drawers



central hanging files



configured  
to meet  
all criteria

# maxispan

stronger beam  
technology  
with versatility  
maintained

Like any pure shelving system the Midspan range has its limitations when loads start to exceed 160kgs per shelf, but around this load range the user is still often looking for the flexibility that a modular system can bring. Maxispan has been designed to fill this gap.

The Maxispan system is designed using beam technology meaning that the width of the heavy duty shelving can extend up to 3 metres across. The system can incorporate either chipboard or stepped beam shelving to sit on the beams meaning that standard

loads of up to 250kgs can be taken per shelf with up to 1500kgs per bay capable of being achieved.

Again like Midspan the simple design incorporating clip together components and easy to fit locking clips means that the initial system is easy to assemble, but if there is a requirement for reconfiguration or extension bays, the Maxispan is versatile enough to meet the demand.

Accessories are also available for the product such as lateral dividers, galvanized panels, mesh panels and beam ties. The increase load bearing and flexibility means that Maxispan is ideal for manual access areas such as library book storage, museum artifacts, bigger automotive components and heavy duty environments in schools and hospitals.

With a similar range of finishing options to Midspan, Maxispan is a perfect complementary product in multi-use areas.





one of the  
most adaptable  
shelving systems

## narrow aisle

'Narrow Aisle' - allows fork lift trucks to operate in aisles up to half the width required in conventional adjustable beam pallet racking.

This space efficient system requires specialist lift trucks in either 'man-down' or 'man-up' variants. This precision designed racking provides safe, efficient load handling within the tight confines of these space efficient aisles.

To ensure the precise positioning of the trucks, guidance rails or wires are fitted at floor level. This has the multiple benefit of improving safety, whilst minimising the incidence of accidental damage to racking as well as improving the speed and accuracy of load handling.



## double deep

'Double Deep' - allows pallets to be stored two deep but to still be accessible from the same aisle. This creates efficiency by reducing the number of picking aisles and also reduces costs.

With this storage system an efficient stock management system is required to take advantage of the increased storage density.



## drive-in

'Drive-In' is ideal for the storage of palletised goods. By dispensing with access aisles drive-in racking provides a high-density of storage in a given area to increase capacity by 60-80% over conventional aisle racking.

Pallets are stored on guide rails in the depth of the racking and forklift trucks enter the 'storage lanes' to deposit or retrieve loads. Access can be achieved from one or from both ends.



# megaspan standard

The ultimate system in Racklines industrial racking family is Megaspan, a pallet racking system based on classic beam technology. Manufactured for pallet loading off fork lift trucks, the Megaspan systems are designed inhouse using sophisticated CAD systems that optimise storage and ensure all quality and safety criteria are met.

Megaspan is available with standard, medium, heavy and super heavy duty frames, typical loads for medium duty frames are 2000kgs per level and 6000kgs per bay. Megaspan can

reach heights of up to 24 metres, meeting the needs of the largest of warehouses from a single tier up to five.

Megaspan beams are adjustable and can be removed and repositioned when changes occur, but remains strong and rigid and locked into position when the beams are slotted into the frame uprights. Each beam is supplied complete with a pair of steel Safety Locking Pins. When located they ensure the beam is correctly positioned and help prevent the beam being dislodged during use.

The Megaspan system can be used in any major industrial storage application from high end manufacturing and fast moving consumer goods to 'clean' environments such as food manufacturing and retail.

The versatility of the design means that Megaspan can be used in classic high bay warehouses across to wide or narrow aisle layouts.

Typical applications include:

- narrow aisle •
- double deep •
- drive-in •
- dynamic storage •
- storage platform •
- bespoke storage •







## dynamic storage

Dynamic Storage provides high levels of storage density within a given area working on a first-in, first-out basis.

Pallets are loaded onto dedicated lanes of inclined gravity rollers which are set at a fixed gradient. When a load is taken from the picking face, the next pallet rolls into position, with replenished stock loaded at the opposite end of the lane.

Stock rotation is therefore automatic with the minimum of fork lift truck movements required to handle the flow of goods.



## storage platform

Storage platform utilises raised platforms and tiered shelving systems provide a cost-effective means of utilising the height of a building for storage, thereby potentially doubling the capacity of a given floor area.

With integral walkways, stairs, safety rails and any number of shelf positions, these raised structures can be used as a finished goods or component stores and also for order picking, where powered or gravity conveyors can be incorporated to move the selected goods swiftly through and onto dispatch.



## bespoke storage

Rackline offer a wide range of storage products that can be combined to provide a complete bespoke solution to accommodate all items using the most accessible and space-efficient methods.

Rackline's portfolio also extends to include Mezzanine Floors, Mobile Shelving, Carton Live Storage, Cantilever Racking, Small Parts Storage, Benches and a wide range accompanying accessories.



# rackline

british storage  
manufacturer



■ MEZZANINE FLOOR



■ CARTON LIVE STORAGE



■ SMALL PARTS STORAGE



■ LOCKERS



■ PARTITIONING



■ HEAVY DUTY MOBILE RACKING

making  
space  
work for you



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