



**LS3**

# Longspan Shelving

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# Standard Longspan shelving

## Core features

- High storage density with minimal lost space - ensuring efficient storage for large or awkward items
- Long beam lengths for optimal flexibility and fit
- Front and rear access ensure stock can be changed quickly and simply
- Cost effective – longer beams require fewer frames
- Easy to assemble, adjust and expand - ensuring complete flexibility to follow market changes
- Stepped beams as standard - provides maximum vertical clearance, with minimal risk of snagging
- Large number of accessories available



If you are in need of a storage solution for manually loaded goods, but pallet racking's too expensive or complex for your needs, LS3 is the ideal solution for storing a wide range of bulky goods - from heavy loads, boxes, cartons to tubes or wires.

Offering beam lengths up to 2700mm long, with the option for chipboard or steel shelving, LS3 maximises storage capacities and provides a suitable solution for any operational demand.

With a conventional shelving system, space can be lost if goods do not fit exactly - especially if they're larger or oddly shaped. Due to its open frame design the shelving can be loaded from the front and back, optimising access and reducing the amount of lost space.

The frames are braced and bolted for strength, ensuring reliability and its foot and levelling plates mean the system can be adapted to uneven surfaces.

With fully adjustable beams, LS3 accommodates future product changes - providing additional flexibility and peace of mind.

The system can be easily dismantled, reinstalled, and adjusted; a key requirement to service the needs of your market. Its ability to move and grow in line with customers' needs provides both reduced lifetime costs and higher return on investment.



# Multi-tier Longspan shelving

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## Core features

- Increased storage capacity
- Increased space utilisation
- Heavy-duty uprights of 60mm carry loads from the floors above
- Fire sprinkler and lighting systems easily incorporated
- Large number of accessories available



If you have a building with sufficient height, our Longspan shelving can be configured into a multi-tier installation, drastically increasing the available space.

The robust design of our Longspan system, alongside our vast range of mezzanine accessories -such as various types of flooring, rails, pallets gates and stairs, means that we can supply you with a complete Longspan multi-tier solution, fully tailored to suit your needs.

# Mobile Longspan

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## Core features

- Saves space
- Reduces storage area
- Increased storage capacity
- Improve security
- Easy access to individual items



When lack of space is an issue the LS3 Shelving System can be mounted on mobile units, providing the optimal compact storage system. It operates by moving the LS3 shelving along floor rails to create an access aisle for picking.

Mobile shelving is often used for small parts storage as well as archive storage solutions. With the choice of two drive options, turn-handle system and electric control, the mobile system ensures effortless operation.

Additional security is provided by the locking feature that can be added on the mobile bases.

# Tyre storage

Storing your tyres in the most efficient way possible is about maximising your use of space without affecting the quality of the tyres. Longspan shelving offers the ideal solution.

With long shelf spans, fewer uprights, and the possibility to have double deep tyre storage, the Longspan systems offer higher storage density and can store more tyres within the same available space, compared to traditional shelving.

Due to its robust design, the Longspan system enables you to store both standalone tyres as well as tyres with rims.



## Core features

- High storage density
- Easy access and use
- Stores tyres with or without rims
- Double deep storage for increased capacity
- Multi-tier solution for increased capacity

# Hanging garment

If you handle clothing in the retail, design, and storage sectors, you will know that finding the right garment-hanging system is vital. Longspan shelving offers adjustable tubular rails, giving you quick and simple access to your garments.

With single-tier, multi-tier or fully bespoke systems available, our garment hanging solutions help to ensure that your products reach the shops on time, in perfect condition.



## Core features

- Maximised storage and SKU locations
- Flexible product placement - as lines are replaced / phased out and as yearly collections are released (Summer, Winter etc), promotions and new lines
- Efficient picking
- Flexible reverse logistics for returns

# Longspan shelving overview

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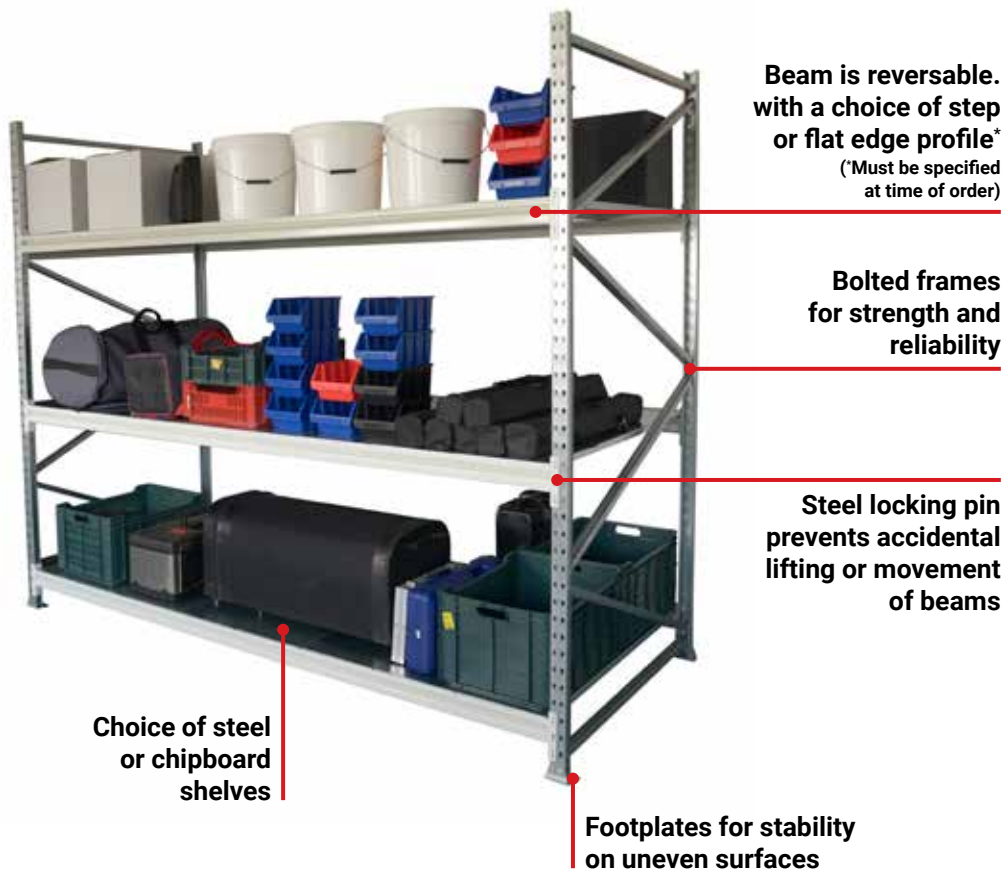
From a single shelving bay, to a vast installation, Constructor's wealth of expertise and resources ensure your Longspan shelving not only meets your requirements right here, right now, but can accommodate your ongoing and changing needs in the future.

With our Longspan shelving's modular design, and fast and easy assembly you can achieve the maximum possible storage capacity, regardless of the space you have available.

Longspan is equally suited for warehouse and office environments; easily configurable for a number of different applications. From low level hand-loaded shelving, to high-rise systems.

Manufactured in European factories, we can not only ensure significantly shorter lead times and, in some cases, almost immediate delivery – but also, greater control over production, quality, and consistency. Our dedicated in-house quality control centre regularly subjects components to stringent quality control tests using state of the art technology and highly trained technicians.

**Strong, durable, versatile. Constructor Longspan shelving gives you a new world of storage possibilities.**



# Accessories

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Our shelving solutions are designed specifically to fit the exact layout of your warehouse or storage facility, and work around your teams of operatives. What's more, a range of optional accessories and add-ons allows for additional adaptation for stored goods or for unique physical spaces.

These accessories provide different ways of ensuring that you get the most out of our Longspan shelving solutions.

We're constantly looking for new ways of adapting our product to suit our customer base. If you don't see what you're looking for, just let us know!



## Chipboard shelves

Ideal for storing boxed goods.

Available in a range of bay lengths and frame widths, they can be designed to suit your specific loads and application.

The shelves are supported directly by the front and back beams offering a nice flat surface.



## Steel shelves

These panels are placed across beams to provide a heavy-duty steel shelving surface for hand-loading.

A number of infill shelves, placed side by side, make up a storage level.

# Accessories

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## Mesh shelves / grating

A versatile alternative to chipboard shelves and solid steel panel solutions, they are suitable for both light and heavy duty applications - from small cartons to heavy industrial tooling. Their shaped profile ensures that the grating module will not easily dislocate from the beams.

Available in a range of standard sizes and load capacities. They can also be manufactured to suit your application.



## Perforated shelves

Perforated shelves are a great alternative to mesh shelves /grating.

The permeable surface allows water to pass through the shelf, improving the fire safety of the LS3 system.



## Dividers

Used to separate stored items and create smaller shelf locations by compartmentalising the storage level.

Shelf dividers are designed to suit your specific application and are available in a range of styles, finishes & colours.



## Shelf end protectors

The shelf end protectors for the LS3 shelving system are available in a variety of sizes for single and double rows.

Different protection lengths can be combined in case the double row is with different frame depths.

# Accessories

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## Label supports

If you prefer to add labels on the front beams with barcodes or just numbers to ease the management system in the storage space, you may need a label support that provides a surface to attach the label to.

The Z Beam Label Support, made from 1mm thick material, can be inserted in the upper lip of the stepped Z-Beam allowing for the addition of sticky labels.



## Plastic trays and bins

Ideal for storing smaller items, available in a number of sizes.

We offer a wide range of plastic trays and bins, from the very small parts bins, all the way up to the large Euro Containers.

With such a wide range of unit sizes it is possible to achieve numerous different combinations of trays or bins along the length of a shelf.

# About us

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Constructor has strong roots dating back to 1856, with the glass factory Høvik Verk in Norway. The production of shelves started a century later, which forms the basis for Constructor's position as a leading supplier of warehouse and logistics solutions.

Since January 2018, Constructor has been part of Gonvarri Material Handling (GMH), which is one of the world's leading suppliers of logistics solutions.

With a total of 6 production sites in Germany, Romania, Finland, Sweden and Czech Republic, we supply our customers worldwide with tailor-made logistics solutions. From static racking to fully automated storage solutions, we provide our customers worldwide with complete solutions for their warehouse.

We employ 1,300 people in Europe. We are also represented in Europe and in large parts of the world such as Africa, the Middle East, the USA and South America with an extensive distribution network. No matter where you are, as a global player we are always close at hand.



**Inhouse testing lab**



**6 manufacturing facilities**



**Ethical commitment**



**400 customer facing staff**

