

A Member of the Constructor Group



Storage solutions since 1947

# LONGSPAN SHELVING

Efficient storage for awkward loads and archives





**“Strong, durable and versatile, Longspan shelving gives you a whole new world of storage possibilities”**

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# Constructor Longspan

## – Efficient and versatile storage

Are you in need of a storage solution for hand loaded goods? Then a Longspan shelving system could be a perfect solution. With a conventional shelving system, sometimes space is lost if goods do not fit exactly. Especially for larger or oddly shaped goods. With fewer uprights and longer shelves the Longspan shelving system provides greater flexibility in order to fit the goods onto the shelving. Thereby utilising your space better, through a higher storage density.

Robust and made of epoxy painted steel, our Longspan shelving incorporates a wide range of beams and frames, making it simple to customise an installation to meet your exact needs.

A full range of accessories is available to extend the versatility of the Longspan system still further and since the system is quickly and easily assembled, you could have a new storage solution in no time.



**THINKING  
INSIDE  
THE BOX**

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### Increasing warehouse efficiency by Thinking Inside the Box

By "The Box" we specifically mean your warehouse. Our broad ranges of storage solutions have one thing in common; robustness and adjustability, which allows us to provide your business with efficient solutions, perfectly fitted for your exact needs. You can rest assured that we will find an efficient solution that meets your current needs – which is equally easy to adjust for your future needs.

### Customising your warehouse

Contact us, and we will start thinking inside your box to develop the customised, variable storage solution for you.

## Longspan shelving – optimal flexibility

The Longspan shelving system offers you virtually unlimited opportunities to expand your storage capacity, giving you higher density storage and greater flexibility. Whether you are storing heavy loads, boxes, cartons, tubes or wires, long interrupted spans of up to 3000mm make the Longspan system ideal for a wide range of big and bulky items or for archive storage. Since the shelving can be loaded from both the front and the back, loading and unloading is very easy. Whether you

prefer an open or mesh clad solution, chipboard or steel decking, we have the solution. With foot and levelling plates the system can be adapted to uneven surfaces. Combined with accessories we can provide you with a fully covered storage solution. The frames are braced and bolted for strength, ensuring reliability. To further increase safety for both your goods and co-workers a steel lock will prevent accidental lifting or movement of the beams.

### LONGSPAN



- ✓ Saving time
- ✓ Saving space
- ✓ Saving costs

- High storage density with minimum lost space
- Large or awkward items are easily stored
- Stock can be changed quickly and simply
- Broad range of beams for optimal flexibility and fit
- Easy loading and unloading
- Increased safety with locking pin



#### BASIC FACTS LONGSPAN SHELVING

- Heights from 2000mm to 5000mm
- Frame depths from 450mm to 1200mm
- Clear entry bay lengths from 1000mm to 3000mm
- Maximum shelf loads up to 900kg (UDL)
- Maximum load per bay up to 4500kg



More information see:  
[www.dexion.co.uk/longspan](http://www.dexion.co.uk/longspan)

## Multi-tier shelving for maximum storage space

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

The robustness and design of our Longspan system lets us configure a solution that fits to your requirements with the same components.

With our range of mezzanine accessories like different kinds of flooring, rails, pallet gates and stairs we can supply you with a complete Longspan multi-tier solution.



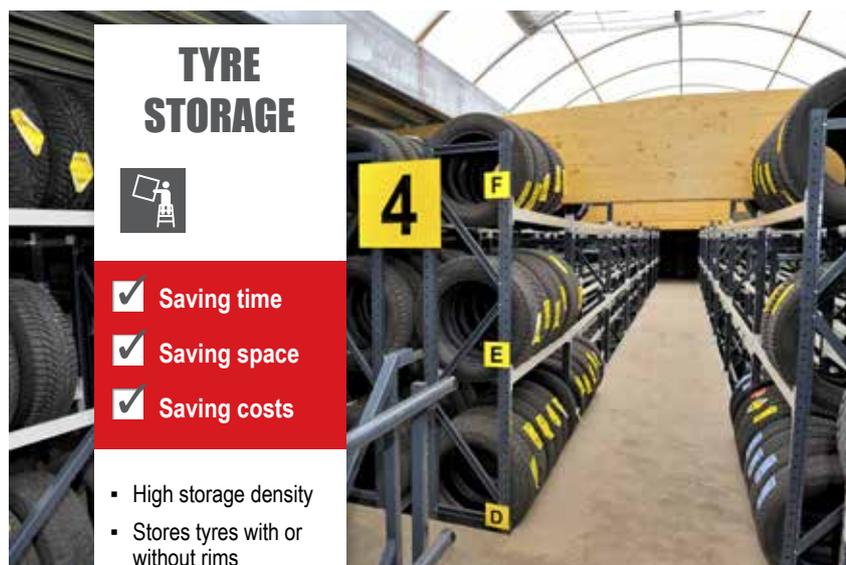
### MULTI-TIER



- ✓ Saving time
- ✓ Saving space
- ✓ Saving costs

- Increased storage capacity
- Increased space utilisation
- Full range of mezzanine accessories
- Full compatibility with Longspan

## High density tyre storage



### TYRE STORAGE



- ✓ Saving time
- ✓ Saving space
- ✓ Saving costs

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

Longspan shelving is the ideal solution for tyre storage.

With long shelf spans, few uprights and the possibility to have double deep tyre storage, the long span system can store more tyres in the same space, compared to traditional shelving, thereby increasing the storage density.

Due to the solid and stable design of the Longspan system you can store standalone tyres as well as tyres with rims.

## Assembly – as easy as 1-2-3

Longspan is fast and easy to assemble, and uses a modular design with a lock-in system which

requires no special tools, giving you maximum storage in minutes, whatever your available space.

The system allows you to easily adjust your configuration and shelf heights as your stock changes.



Position a pair of frames. Hold them in place with a pair of beams



Click the remaining beams into place and attach the safety pins



Drop in the steel or chipboard shelves

## References



### Köster, Denmark - Longspan Shelving

Köster Denmark chose longspan shelving to obtain a better exploitation of the space in their warehouse where they had shelving. This will be used to store the company's entire stock of equipment for arc stud welding and welding bolts. Another advantage was that longspan shelving has a high load capacity, which was important to Köster, as the products they store are very heavy. A total of 5 longspan shelving runs have been installed, 1 single and 4 double. The shelving was situated in the warehouse with pallet racking at one end and longspan shelving at the other.



### Pneu Vanhamme, Belgium - Tyre Storage

Pneu Vanhamme, part of the CEVA Group, needed a compact and efficient storage solution to utilise all available space in their tyre centre in Waterloo. A 173m<sup>2</sup> mezzanine floor was installed along with 2061m of Longspan shelving and P90 Pallet Racking to provide a storage capacity of ~12000 tyres. The following year they expanded their storage capacity further with an additional 2347m of Longspan shelving increasing their storage capacity to a total of ~ 23 550 tyres. The mezzanine floor gave Pneu Vanhamme the ability to store tyres on two levels which allowed for a cost efficient creation of extra floor space. Our approach to meet Pneu Vanhammes specific needs together with accuracy in the project study resulted in a good partnership not only with Pneu Vanhamme, but also with other tyre centres in CEVA Group.

## Expert Advice and Services

### Keep your warehouse safe

- Spotting defects early

The daily moving of goods is likely to cause some knocks and damage to your storage system. In the long run, these minor defects can change the capacity of shelving or pallet racking and lead to incidents that could possibly cause damage to both man and material.



Regular inspections will minimize the frequency and effect of these incidents by identifying crucial damage at an early stage.

Our inspectors are highly experienced and certified. They provide yearly inspections to keep

your facilities safe and up-to-date. Every inspection is followed by an offer of suggested replacement parts including fitting. When fully approved, you receive an official certificate of approval until the next inspection date.



More information see:  
[www.dexion.co.uk/inspections](http://www.dexion.co.uk/inspections)

### The benefits of a Constructor rack inspection:

- Comprehensive professional inspection
- Certified and experienced inspectors
- No interruption to operations
- Detailed inspection report
- Prevention of damage to people or goods
- Extending life span of facilities
- Early risk discovery minimizes future repair costs
- Repair work can be completed quickly
- Provides independent expert to assess equipment



## Warehouse optimisation and Consultancy

Constructor Warehouse Intelligence System (C-WIS) is a software platform that works with any existing WMS or ERP system and provides you with an insight into capacity and capital binding.

By processing data from your systems, C-WIS carries out complex calculations of your stocks balance and warehouse logistics providing specific proposals for changes. The suggested improve-

ments can be as simple as amending stock locations or changing your buying patterns, which if done correctly can all have significant benefits.

What C-WIS does for you:



**15-20%**  
cut in operational costs



**20-30%**  
tied-up capital freed



**Highest efficiency**  
is ensured through constant monitoring



More information see:  
[www.dexion.co.uk/analysis](http://www.dexion.co.uk/analysis)

OPTIMISING  
YOUR BUSINESS  
BY THINKING  
INSIDE THE  
BOX

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