

HEAVY DUTY RACKING

Information Sheet

PRODUCT

When conventional pallet racking cannot cope with heavy loads, Heavy Duty Racking is an ideal, cost effective and safe storage solution for various types of heavy products. It has a standard pallet racking configuration, yet is capable of carrying far heavier loads of up to 20 tonnes over an 8 metre span.

FEATURES

Manufactured within the UK, our system features:

- A robust design with all frames and beams commonly manufactured from heavy duty universal beam sections.
- Individual structural calculations to ensure that the most cost effective solution is provided.
- Options for single or double sided units with a wide range of painted or galvanised finish.
- Vertical adjustability on all beam levels.
- Wide range of accessories.

BENEFITS

We can supply:

- Beam levels designed to carry 20 tonnes per location.
- Clear entry spans of up to 12 metres.
- Frames of up to 12 metres high and 4 metres deep.
- A flexible system that can be modified to suit product sizes.



DESIGN

All products comply with current British Standards:

- Minimum Safety Factor of 2.0 based on ultimate tensile strength.
- Maximum allowable weld stress of 115N/mm^2 , with all welding coded to BS4872.
- Beam deflection limited to $1/360$.

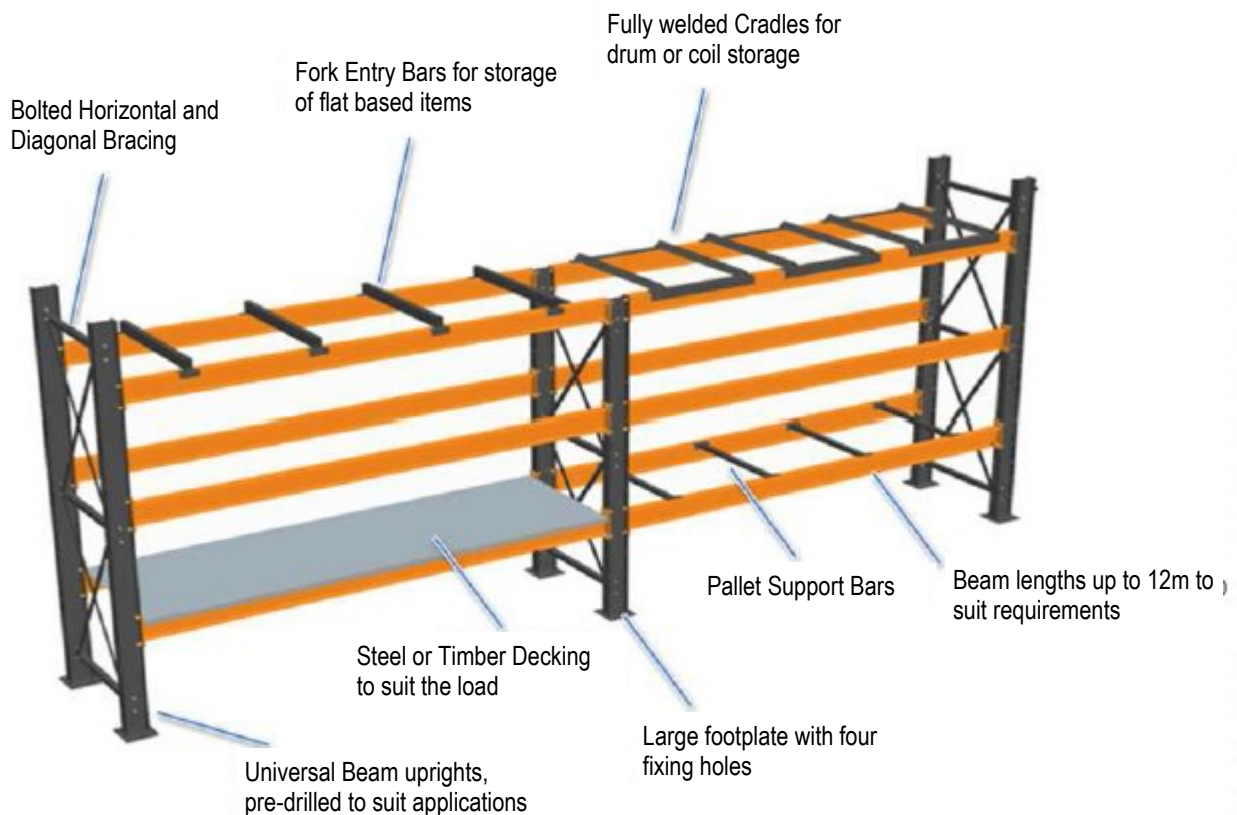
APPLICATIONS

Within the vast range of projects already completed, we have stored items such as:

- Press tooling
- Heavy Coils: Aluminium, Steel, etc.
- Cable Drums
- Engines
- Transmissions
- Boats
- Steel: plate and sheet



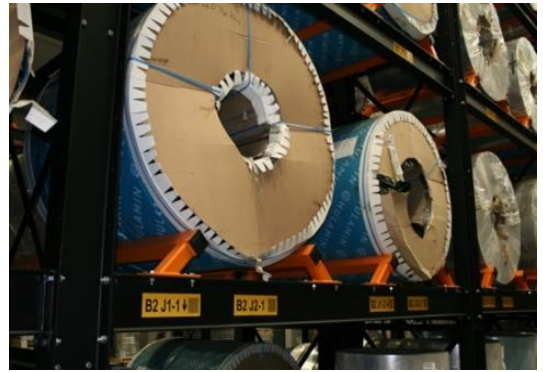
OVERVIEW



EXTRAS

COIL CRADLES

Designed to securely locate coils on beams.



FORK ENTRY BARS

Allow fork access when loading/unloading a rack. Fork entry bars are raised above the beam and could be either fixed or adjustable.

! Number of fork entry bars required vary depending on requirements (normally 2-3no. per pallet)



PALLET SUPPORT BARS

Provide support to weak pallets and allow storage of smaller pallets and products stored in larger bays.

! Number of pallet support bars required vary depending on requirements (normally 2-3no. per pallet)



DECKING

Options of timber or mesh decking are available.



ROOF SYSTEMS, CLADDING AND DOORS

Partially or fully enclosed racking systems available for secure external storage and protection from the elements.

Options of curtains, roller shutter doors or double swing doors available on request.

