

AVANTA

Pallet Racking



Versatile, cost effective and easy to install pallet racking systems

www.avantauk.com



Pallet Racking

Avanta UK is regarded as one of the UK leaders in designing, supplying and installing pallet racking systems used in a wide range of industries including wholesale, manufacturing and distribution. At Avanta UK we understand that each client comes with different requirements and this is why we work closely with you to design the system that works best for you and provides you with optimum storage that is both manageable and cost-effective.

Our experts are on hand to be able to advise you on the best type of pallet racking to meet your needs based on your individual business model and the existing handling equipment and facilities you have. If space is at a premium we can offer pallet racking that can be used effectively even in very narrow aisles.



Wide aisle racking

Adjustable beam racking is the most widely used of pallet storage systems and allows direct access to each pallet. By selecting from a wide range of sizes and duties for standard frame uprights and beams, Avanta racking can be configured to meet precise criteria in terms of load volume and weight, accessibility, handling requirements and space utilisation.

By allowing fork lift trucks to operate in aisles up to half the width required in conventional pallet racking, **Narrow aisle racking** makes excellent use of floor space and maximises the height at which goods can be stacked.

Drive-in racking provides a highly space-efficient solution to the storage and throughput 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 some 60-80% over conventional 'aisle' racking.

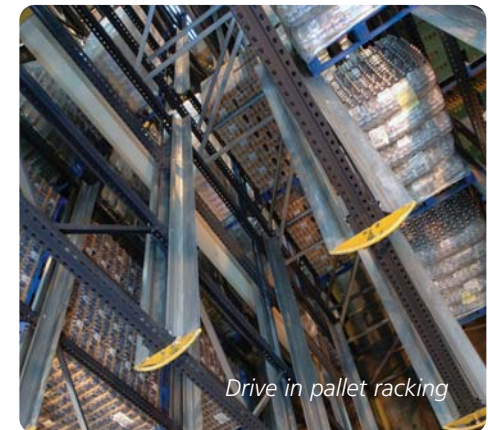
Pallets are stored on guide rails in the depth of the racking and forklift trucks enter these 'storage lanes' to deposit or retrieve loads.

Our full range of Pallet Racking is available at www.avantauk.com



Easily installed, versatile and cost effective

- ADJUSTABLE RACKING
- DRIVE IN RACKING
- NARROW AISLE RACKING
- DOUBLE DEEP RACKING
- PUSH BACK RACKING
- LIVE STORAGE SYSTEMS
- CARTON FLOW RACKING
- CANTILEVER RACKING





Double deep racking

A variant on standard adjustable beam racking, **Double-deep**, as the name implies, allows pallets to be stored two deep but still accessible from the same aisle. By reducing the number of access aisles and using the space saved to accommodate additional racking, a Double-deep configuration provides a highly space-efficient storage system.



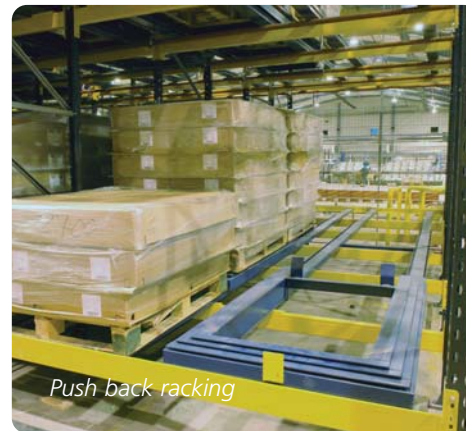
DESIGN SERVICE
AVAILABLE

Effectively utilising floor and cubic space, dynamic **Push-back racking** is amongst the most space and time-efficient pallet storage systems available.

Pallets are loaded in sequence onto wheeled carriers of differing heights and are pushed back along inclined steel guide channels to utilise the full depth of the racking.

Pallets can be stored up to four deep and when a load is retrieved the remaining pallets roll forward into position at the picking face.

Pallets are retrieved on a '**first-in, last-out**' basis and with each product having a dedicated lane, **Dynamic push-back racking** is particularly useful in marshalling areas, and for long-term bulk storage and handling.



Push back racking

We have a network of installation teams situated throughout the UK and provide our clients with prompt installation of our pallet racking systems to ensure minimal disruption to the day to day output of your business.

Our Services Include:

- Free no obligation site survey
- Free design service including CAD drawings
- Installed by our trained professional installation team

All pallet racking systems are designed to accommodate the type of handling equipment used and the load capacity required. We will work with you every step of the way to ensure you have the pallet racking solution you require.

For more information
call: 0800 975 4933



Safe cost effective
pallet racking solutions



Cantilever racking

Specialist Racking

Whilst providing the ideal means of storing palletised loads, the versatility of the racking system means large, bulky or simply awkward to store items can be accommodated using the most accessible and space-efficient methods.

Cantilever racking is ideal for storing long items such as packs of timber or steel pipes. Columns are punched on both sides as standard, allowing use as single-sided and double-sided racks.

Vertical racking can be used for the vertical storage of long items. The arms are used as dividers providing stability to the product and can be adjusted horizontally in response to stock increases and decreases.



Carton live storage

Coil racking is designed for the storage of material on reels or drums (often electrical cable). The drum, located on a steel spindle is conventionally handled by forklift trucks and positioned in the desired rack location.



Carton live storage or 'flow racking' operates on the same principle as pallet live storage, but is used for stock which needs to be hand-loaded and picked.

Pallet live racking provides extremely high levels of storage density in a given area.

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 replenishment stock loaded at the opposite (upper) end of the lane.

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Utilise your cubic space
not just your floor space

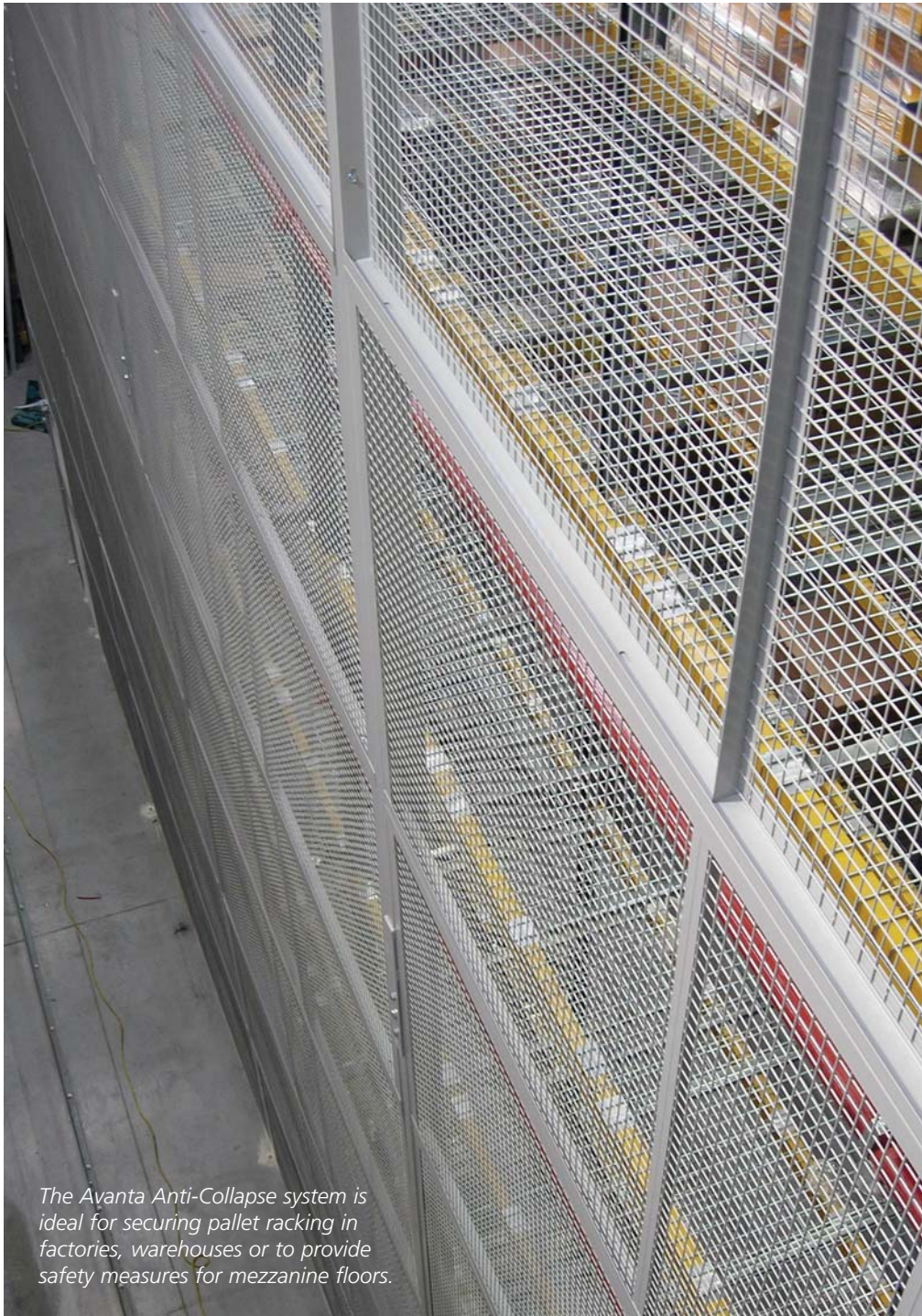
- SAFETY BARRIERS
- ANTI COLLAPSE MESH
- RACKING NETS
- BESPOKE RACKING
- RACKING INSPECTIONS
- RACK LABELLING



DESIGN SERVICE AVAILABLE



Pallet live racking



The Avanta Anti-Collapse system is ideal for securing pallet racking in factories, warehouses or to provide safety measures for mezzanine floors.



Barcode labels

The Avanta **Anti-collapse mesh system** prevents many accidents when handling palletised goods. The system consists of fully welded mesh on a light tubular frame. It is easily fitted using stable brackets that fit most types of pallet racking.

Our range of **Rack I.D. labels** include standard code labels, printed barcodes, colour coded labels, upright colour markers plus many more.

Barrier rails have been developed to allow organisations throughout industry to protect equipment and facilities which are vulnerable to accidental fork truck damage. **Wide range of sizes and styles available.**



Typical racking barrier

Pallet Racking Inspections & Repairs

Insurers and Health & Safety Inspectors normally insist on an inspection every 12 months and it is recommended that an inspection is carried out within 6 months of a racking installation.

Part of the survey includes:-

- Are the uprights vertical and or show any signs of damage?
- Brace / beam integrity
- Rack signage correctly displayed?
- Floor fixings and foot plates all correctly secured

Complete pallet racking repair service to all racking types in accordance with SEMA guidelines.

For more information
call: 0800 975 4933



Racking inspections comply with health & safety

AVANTA

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Avanta UK Ltd • Unit B1 • Astra Park • Parkside Lane
Leeds • West Yorkshire • LS11 5SZ

Tel: 0113 384 8777

Fax: 0113 384 8778

Email: sales@avantauk.com

Web: www.avantauk.com

