



## Push Back Racking Installation Leeds

September 2013

**The client had a requirement to store 120 IBC pallets within a limited space within one of their warehouses in Leeds.**

Avanta UK proposed a push back racking system as it is amongst the most space and time-efficient pallet storage systems available utilising floor and cubic space effectively.

The push back racking system was installed into a foot print space of 12.7m length x 5m width storing IBC pallets 4x deep and up to 4 high.

Each level was fitted with a Flow Rail horizontal rail system which is a chain driven push back system enabling pallets to be loaded in sequence utilising the full depth of the rack. When a load is retrieved the remaining pallets roll forward into position at the picking face and are retrieved on a 'first-in, last-out' basis and with each product having a dedicated lane.

This particular push back system realised the following benefits: -

- *The chain system is flat compared to other variable height systems and therefore allows use of the full height of the building.*
- *Pallet retrieval rates per pick face are enhanced with the "roll forward" of pallets.*
- *High density storage system per cubic metre*

For further information on other pallet racking systems from Leeds based Avanta UK Ltd please contact us.



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Web: [www.avantauk.com](http://www.avantauk.com)



## Avanta Push Back Racking

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.

Avanta UK offer a no obligation, free site survey and quotation service including CAD racking layouts to optimise your pallet storage and pallet retrieval rates.

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.



**Avanta UK Ltd for all your mezzanine floor, racking, shelving, steel and office partitioning needs**

Avanta UK Ltd offer a full office and warehouse interior design and installation service. We offer a free Site Survey and CAD Design and Consultancy Service, responding promptly to your enquiries.

Our specialities include mezzanine floors, storage systems (including warehouse shelving, pallet racking, industrial shelving and mobile shelving systems) and interior solutions (including office partitions, office storage, steel partitions and security cages).

See more case studies at

**[www.avantauk.com](http://www.avantauk.com)**

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