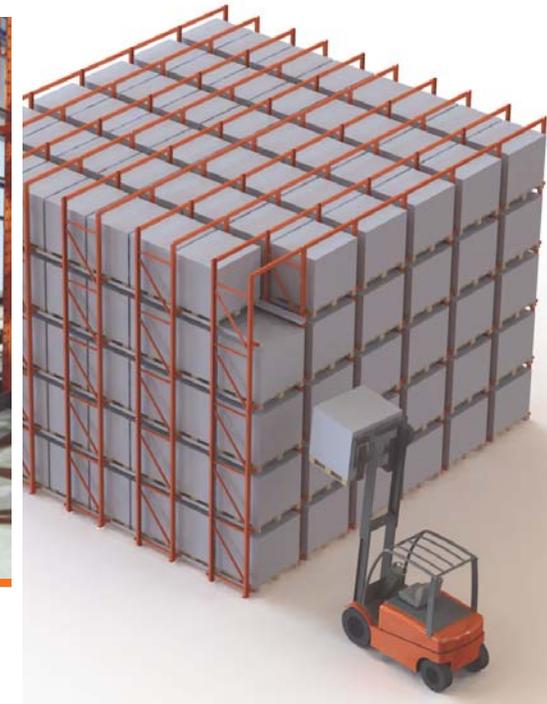


Drive-In Pallet Racking

Excellent high density storage solution



RediRack drive-in racking provides storage for pallets whilst using a minimum of floor space. It offers the same goods protection and preservation as other rack applications but with reduced selectivity. Any standard reach or counterbalance truck is suitable for use with the system.

- Drive-in racking is widely used in cold store conditions where cost of space is paramount and refrigeration costs are reduced by keeping products blocked together.
- Excellent solution if low SKUs or a high storage capacity is a prime consideration.
- Various pallet support rails are available from RediRack.

Racking can be designed to be drive-through or drive-in, providing high-density low cost storage with the benefit of improved house-keeping and safety. Additionally all RediRack drive-in racking system component parts are manufactured in-house which provides greater control over costs whilst ensuring the highest specifications are met.

- In most cases, existing fork lift trucks will be completely compatible with RediRack drive-in or drive-through racking.
- Every drive-in installation is designed using the latest technology with consideration given to the various methods of supporting the pallet within the system.
- The speed of operation can be increased by the use of floor mounted guide rails with certain types of truck. These assist the positioning of the truck and therefore lead to reduced accidental damage to goods and rack.

The Redditch Partitions & Storage Co. Ltd.

Unit 1, Little Forge Road
Park Farm North
Redditch
B98 7SF
UK

Tel: +44 (0) 1527 517 055

Fax: +44 (0) 1527 517 025

Web: www.redditch-partitions.co.uk

Email: info@redditch-partitions.co.uk

Drive-In Pallet Racking

Case Studies



Castle Howell Foods



Castle Howell Foods are leading food wholesalers in Wales that stock in excess of 8000 products including dry, frozen and gourmet foods.

The company moved to a purpose built facility to expand its storage capabilities and tasked RediRack with providing more than 5000 pallet storage spaces. The new distribution centre has two main chambers, one for dry products and a separate area for frozen foods. Each has wide aisle and drive in racking to take full advantage of the space.

The wide aisle racking is arranged around three meter aisles with five or six bays, storing two pallets at each beam level. The freezer area has 11 lanes with a further nine lanes in the ambient area, providing more than 500 drive-in pallet storage spaces. Guide rails are in place to make loading and unloading easy and fast and sacrificial legs minimise the disruption should a frame get damaged accidentally.

Matt Lewis, Director said: "The service from RediRack was exceptional, from initial planning to design and installation. The racking is clearly of very good quality. RediRack were a pleasure to deal with."

Nu Tool



Nu Tool have been manufacturing and importing power tools for almost thirty years. Due to continuing success, they moved to a purpose built facility which included a 50,000 sq.ft. warehouse.

80% of stored Nu Tool products are in and out in a day, therefore RediRack created a bespoke system which included nineteen bays of drive in racking, with five levels of five deep storage to give 475 pallet locations, allowing for goods to be quickly handled without going into the main facility. The main warehouse is laid out in a wide aisle scheme with double deep storage. There are five operating aisles and ten runs of racking. The end aisles are dedicated to order picking and set up as carton live storage areas which provides ground level picking locations for 1150 different items.

RediRack's tailor-made solution allows for no-hassle goods in and out, easy access order picking and the workforce is protected by anti-collapse fencing.

Nu Tool's Operations Director Neal Roberts said: "We are extremely happy with our new storage system and I am already discussing with RediRack how to make best use of the extra space."

Associated Co-operative Creameries



Associated Co-operative Creameries (ACC) is one of the biggest dairy manufacturing creameries in the UK, supplying major food manufacturers with dairy products.

ACC produce 28,000 tonnes of cheese a year which is manufactured in 20 kg blocks stored on pallets. The blocks can stay in the warehouse for up to 18 months therefore individual pallet selectivity is not of paramount importance, but the company needed to maximise storage space.

RediRack designed a drive-in system, laid out in four blocks, accessed by two aisles with pallets stacked five high throughout with a top beam level of 7790mm. In the centre two runs, the bays are arranged to store pallets ten deep while the two outer runs are nine deep. The temperature in the warehouse is a constant 10 degrees; due to this fact RediRack installed special walkways on top of the racking to provide access to the cool air blowers.

Michael Harvey, Factory Manager said: "The installation went very well. Having agreed a phased delivery, I was delighted that RediRack's engineers were able to fulfil a schedule which suited the needs of our business, RediRack is a very professional supplier of pallet racking solutions."

Drive In Pallet Racking At a Glance

Space Utilisation - Up to 80%	
Throughput Speeds - Good with bulk movement of pallets	
Selectivity - Reduced	
Handling Equipment - Standard	
Stock rotation - Bulk in Bulk out. Can be achieved by complete lane but not individual pallet.	
Safety of Goods - Very good, all pallets individually supported in rack	

