

Narrow Aisle Pallet Racking

The space-saving option for limited floor space



RediRack narrow aisle racking is a very good space-saving option for warehouses with limited space, providing maximum storage, density and efficiency which can free up to 45% of the floor space when compared to a wide aisle scheme. Each pallet is individually supported and independently accessible.

- Narrow Aisle racking is a very good space-saving option for warehouses with limited floor space.
- Fast throughput and ease of loading and unloading.
- Each pallet is individually supported, which means that stock rotation and accessibility are as good as a wide aisle system.
- Lower cost per pallet stored than with a wide aisle system.

Narrow aisle pallet racking requires specially designed trucks, these specialist trucks lift higher and work faster than general purpose lift trucks and pallet retrieval can be significantly increased. The increase cost associated with the specialist equipment is generally offset by the increased space available for racking and storage.

- High selectivity to support peaks and troughs and/or seasonal demand.
- Every RediRack system is tailor-made for your individual needs and can be installed at a relatively low cost, making the most profitable use of your available space.
- Articulated trucks can often be used for offloading vehicles as well as in the warehouse.

The Redditch Partitions & Storage Co. Ltd.

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

Tel: +44 (0) 1527 517 055

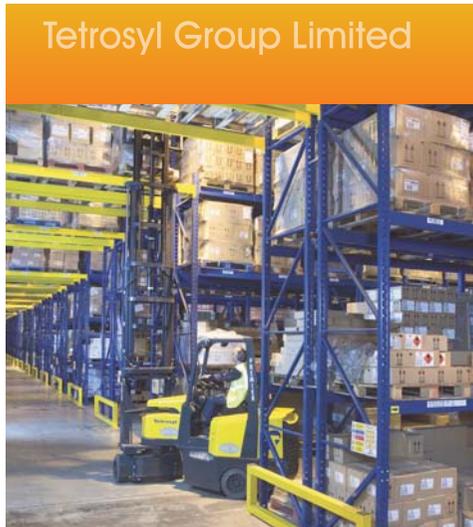
Fax: +44 (0) 1527 517 025

Web: www.redditch-partitions.co.uk

Email: info@redditch-partitions.co.uk

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Case Studies



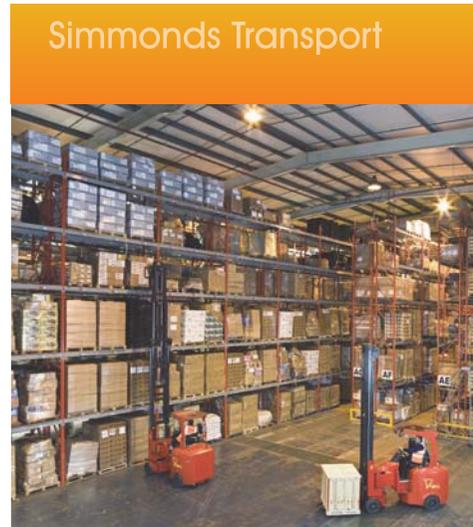
Tetrosyl Group Limited

Tetrosyl is the largest manufacturer and supplier of car care products in the UK, they also have a significant worldwide presence in more than 76 countries and an annual turnover of over £80 million.

As owners of the market leading brands; Carlube, Tetrion, Aqua-T, Autopratic, and CarPlan which boast household brands such as T-Cut, Triplewax, and Wonder Wheels; Tetrosyl pride themselves on superior product availability.

Business growth led the company to relocate its main distribution centre to a 150,000 sqft warehouse in Manchester, with 18,000 pallet positions serviced by a fleet of eight articulated trucks. RediRack fitted the new building with narrow aisle racking and a mezzanine floor. The whole scheme is painted the company's corporate colours.

Barry Rennie is the site manager: *"This is a very busy warehouse and we didn't have a lot of time to get it up and working. RediRack were great, providing advice and assistance from the planning stages right through to the installation, liaising with other contractors and suppliers; they were very efficient, completing the job within our six week time frame to our complete satisfaction."*



Simmonds Transport

Simmonds Transport has evolved over the last 40 years from a small transport company to a fully integrated logistics solution provider.

Business growth dictated the need for a new warehouse that RediRack fitted out with a block of racking 115 metres long by 30 metres wide. This system has six double runs and one single run of pallet racking; the aisles are 2150mm wide to suit the specialist narrow aisle trucks.

Beam spacing varies to accommodate different load heights. Full bays are 3400mm clear entry; storing three 1500mm high pallets on each of the upper beam levels and three 1800mm high pallets on each of the lower levels. Three pallets are stored on the floor in each bay to take the total storage capacity to over 7000 pallets.

Mark Simmonds, Managing Director explains: *"We went through a very thorough vendor evaluation process and RediRack had the best product and support package for our business. Mark confirms "Our confidence in RediRack was fully justified; installation was on time and to an excellent standard, we are very pleased and proud of our new facility."*



HPC Healthline

HPC Healthline has sold high quality medical goods in Europe and to the National Health Service for over 35 years.

Expansion meant a new warehouse was needed; RediRack installed a narrow aisle pallet racking system to work in conjunction with existing articulated fork lift trucks.

Following the pitch of the roof to make the most of the building's volume, the storage system is over eight metres high in places with 13 double and two single runs of racking extending over 70 metres in length. The aisles are 1900mm wide and pallets are stored 1000mm deep. Each run has 24 bays and two pallets are stored at each beam level. Most bays have five beam levels with the top beam being at 7500mm. Over 6,500 pallet locations were created.

The whole system was installed in just three weeks. Barry Pritchard, Director of HPC explains: *"RediRack offered us a cost effective solution and a service that was second to none. They helped us with our choice of fork lift trucks, which are ideal for our business and work perfectly with the storage system."*

Narrow Aisle Racking At a Glance

Aisle Width - from 1.8 metres	
Space Utilisation - 50%	
Throughput Speeds - High	
All Pallets Accessible	
Specialist Forklift Trucks	
Stock rotation - Easily achieved	
Safety of Goods - Very good, all pallets individually supported in rack	

