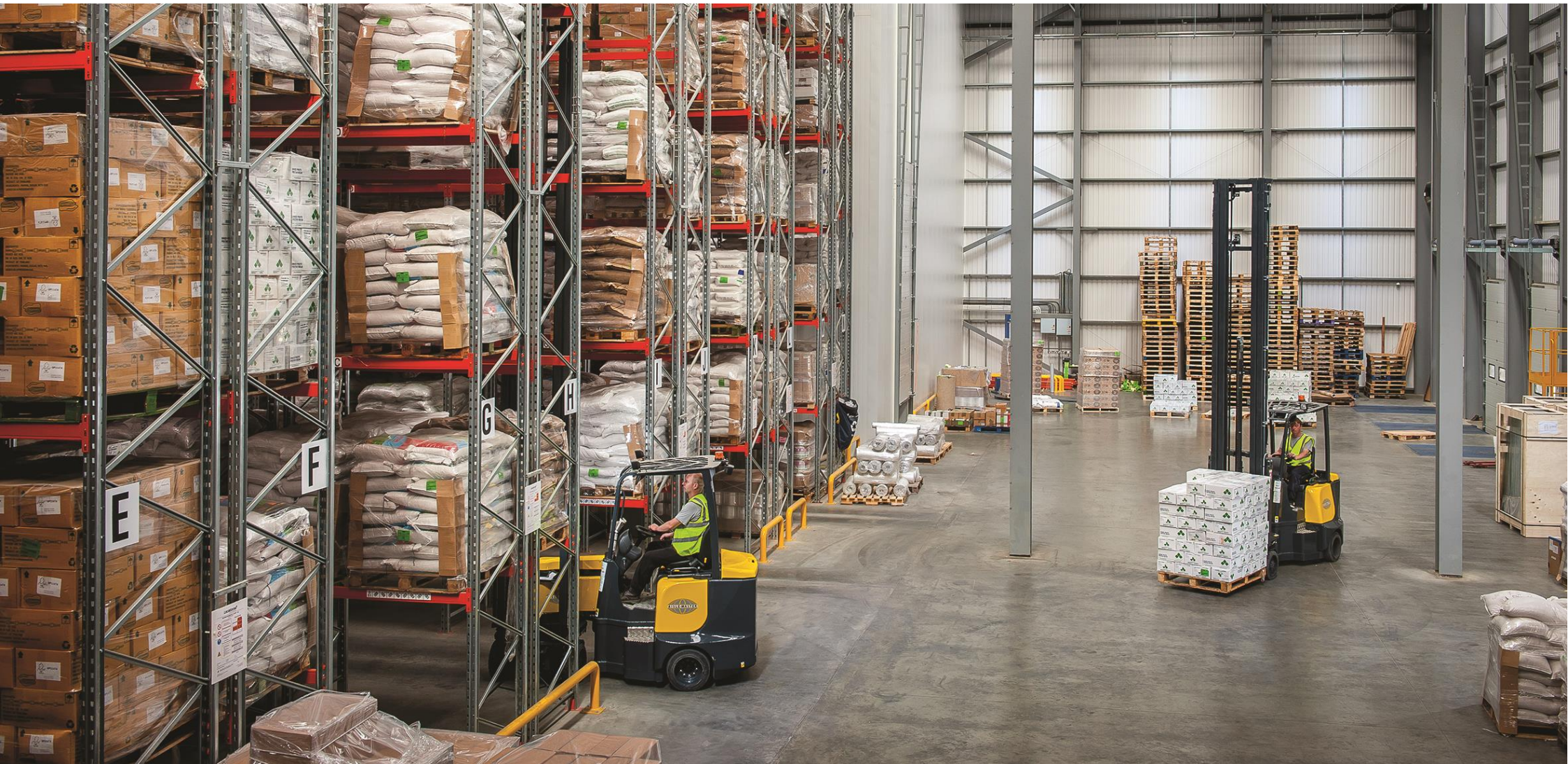


Racking Solutions



Racking Solutions from JST Group

JST Forklifts Ltd has always favored a solutions-oriented approach to material handling. That is why the unique services, technologies and support that we offer have continued to evolve over the years. Today we provide complete solutions, from forklifts to fleet management systems, rental schemes and a wide range of racking systems.

This way, we can ensure optimised synergies in your material handling flow – where all parts, from forklifts and racking to services and follow-ups, interact to maximise efficiency and help you to cut costs. Thanks to our extensive know-how about all parts of the chain, we are also able to support you in project management, installation and continuous improvements of the solutions over time, to make sure you get the absolute maximum out of your material handling processes.

As you can see in this brochure, the JST Racking Solutions offer great advantages in a wide variety of applications. You are very welcome to discuss the options and alternatives available to your business with your JST Material Handling representative.

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Standard Pallet Racking

This is the most common type of racking system, offering superb flexibility for palletized goods with a wide variety of loads. One of the greatest advantages is that all pallets are accessible at all times, making the system suitable for large quantities of non-uniform articles. You never have to shift or move pallets to access the goods. With one position per pallet it is also easy to randomise stock locations and keep inventory under total control.

The system is tailored to your needs regarding weight and volume and easy to adjust when required. Rack height, aisle width and other dimensions are designed to match your forklift truck characteristics, warehouse height and pallet size.

Key benefits

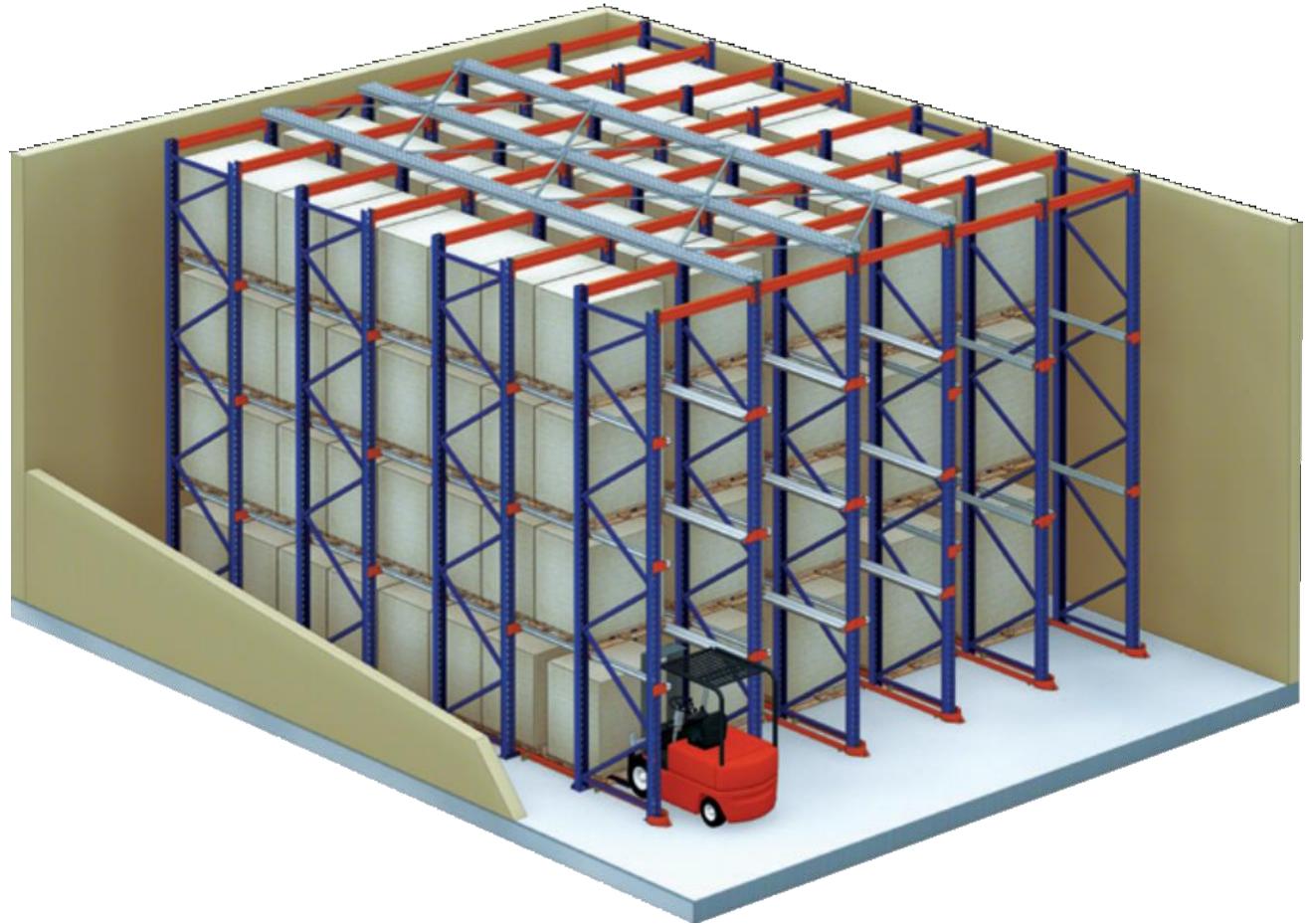
- Minimal initial investment
- Full access to all pallets at all times
- High flexibility in warehouse design and product flow optimisation



Drive-in Pallet Racking

This is a system that is designed to optimise storage space for homogenous products. The basic idea is to use the available area as efficiently as possible – with fewer aisles and more pallets per square metre.

The racking components form inner loading lanes with support rails on each side for the pallets. The truck drives into the lanes and stacks the goods onto the rails, all the way until the end, thereby utilising the full depth of the installation. The rack itself is made of a robust material, making it durable and fit to handle fully loaded pallets. If placed against a wall, it works according to the FILO (first in, last out) principle. With drive-through access, it can also be used in line with the FIFO (first in, first out) principle.



Key benefits

- Low initial investment
- Optimal utilisation of storage space
- Both FIFO and FILO possible



Gravity Flow Pallet Racking

Gravity flow pallet racks are compact structures with sloped roller track sections, which allow pallets to slide from one side of the installation to the other at a controlled speed – by sheer force of gravity. The system can store large quantities of pallets in depth.

Gravity flow storage is ideal for many modern material handling needs, when handling large quantities of uniform goods, such as high intensity dispatch handling, perishable goods handling – and more. It enables perfect rotation of goods, in line with the FIFO (first in, first out) principle.

Key benefits

- Time-saving and compact storage system
- FIFO solution for high storage capacity
- All levels can be accessed at all times

Push-back Pallet Racking

Push-back pallet racking uses the same principles as Gravity flow racking – but the other way around – with one-way traffic and the FILO (first in, last out) principle. The forklift loads pallets in one end of the slightly sloped platform and the next pallet pushes the previous pallet backward, where it lands on a parallel, slightly elevated platform. This process is then repeated for each pallet position to a maximum of four pallets depth, which makes it suitable for medium quantities of uniform goods.

Key benefits

- High-density FILO storage
- Cost- and time-efficient solution
- Access to all levels at all times



Mobile Pallet Racking

Mobile pallet racking systems use mobile bases, installed on rails on the ground. They make it possible to fill a warehouse almost completely with racks and pallets, leaving room for only one open aisle at a time. Still, they offer direct access to any pallet in the warehouse by opening the corresponding aisle. Pallet capacity is boosted by between 80% and 120% depending on forklift type, facility size and number of open aisles.

Mobile pallet racking systems are used in a wide range of applications today, such as refrigerated warehouses, general storage with medium or low-level rotation, and medium-intensity intermediary shipping warehouses.

Key benefits

- Pallet capacity increased by between 80% and 120%
- Optimal system for environmentally controlled storage
- Security systems to guarantee safe operations





Cantilever Racking

This is a racking system with obvious benefits when storing long goods or goods and items of varying length, such as beams, pipes, metal, plastic or wooden boards or sheets. This system is based on columns with horizontal arms for the load. It is available in single- and double-sided versions with several options for load distribution. Choose from light, medium and heavy-duty options depending on the load per arm, arm length and column height.

Key benefits

- Optimal long goods handling
- High flexibility in terms of weight and size
- Both single-sided and double-sided installations are possible

Light Shelving

As part of the Toyota Material Handling racking offer, light shelving is the perfect way to store light- and medium-weight loads. The system offers unbeatable versatility and flexibility and a great number of variations – all with no-tool adjustment of the shelves. It is also possible to build multilevel gangway systems. Light shelving is a smart, attractive and robust system with a

load capacity of 200 kg per shelf. Please talk to your Toyota representative to discover the endless options available.

Key benefits

- Universal shelving solution for small items
- Optimal for offices



Heavy Duty Shelving

This robust shelving system allows for manual picking of goods – in a wide variety of designs and to different specifications. We help you to design your perfect combination of double beams, shelves and supports. Shelves are available in steel mesh, metal, galvanised steel, chip-board and melamine-chipboard. The system can also be used to build workbenches.

Heavy duty shelving can be used even for pallets as the load capacity per

level varies between 550 and 950 kg, depending on the beam length. The beams can also be fitted to standard pallet racking systems, making it possible to build picking stations on the lower levels. Also suitable for gangways.

Key benefits

- Wide variety of shelving options
- Optimal for medium to heavy loads



Live Storage for Picking

Live storage for picking uses slightly inclined platforms with rollers to transport goods from one end to the other. This system increases speed and offers better ergonomics in order preparation. It also optimises product turnover and reduces the need for manual transport during operations.

Typical applications are areas with considerable picking activity such as consumer goods businesses – but also assembly chains.

Key benefits

- Time-efficient FIFO picking solution
- Separate areas for picking and storing
- Higher product capacity in the warehouse



Suppliers for



JST GROUP v/a JST FORKLIFTS LTD

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