

DEXION®

Speedlock P90 Pallet Racking

The versatile solution for static and dynamic pallet storage



QUALITY FROM THE INVENTOR
OF THE STEEL STORAGE RACK



DEXION

P90

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P90

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**Wider choice,
better performance**

Dexion already set standards in flexibility and customer orientation over 50 years ago with the idea of using perforated steel profiles for storage technology. We continue to develop and manufacture our products in Europe right up to the present day - not just for our customers but together with them.

The adjustable pallet rack - a Dexion invention

Dexion is the specialist in customised, warehouse logistics. Based on our many years of experience in storage technology and constantly exchanging information with our customers, we make continuous improvements in our products - technically, qualitatively and conceptually.

Dexion maintains a network marketing and distribution offices throughout Europe and Scandinavia - which means we are never very far from any of our customers. That pays dividends as well; in terms of exceptionally short journey distances, rapid response and delivery times, and the highest possible degree of flexibility.

After all, we don't just want to sell you any off-the-peg systems. Instead we want to work with you to develop a customised, variable storage solution that corresponds exactly to your needs. Like the Speedlock P90 pallet rack: its flexibility and comprehensive accessories mean this system has no problems adapting to your demands, therefore it is the optimum solution for both your static and your dynamic pallet storage needs.

P90 for fast-moving items.



The Dexion Speedlock P90 pallet rack system is the basis for efficient, flexible logistics solutions for every need. Not only is the P90 fabricated in Dexion's own factories, with its customary high quality and exceptionally robust manufacturing processes, it is also particularly versatile in use thanks to its extensive accessories - from a simple static pallet rack through various different dynamic solutions and all the way to automated pallet storage.

Reliable, robust and versatile - Dexion P90

OPTIMUM ADAPTATION

No matter whether you store using europallets, disposable pallets or your company's own pallets, mesh boxpallets or containers - P90 will have no problems matching the required formats in width, depth and height. The physical space is also used in an optimum way through the availability of heights from 1.5 to 30 metres and variable depths and widths.

HIGH STABILITY

Even rack heights up to 30 metres and maximum loads of more than 30 tonnes are no problem for P90 thanks to its particularly sturdy construction and high quality workmanship. In addition P90 components can be galvanised, with permanent protection against environmental effects to guarantee the longevity of your system.

EXTENSIVE RANGE OF ACCESSORIES

With the right accessories from our extensive range, you can match your pallet rack system even more perfectly to your specific needs. Numerous safety and security accessories are available, in addition to a variety of beams, support braces and base plates. In addition you have a choice of numerous accessories for identification marking and equipping special racks.

FUTURE-PROOF

You want to store different goods in the future? That's no problem: the direction in which your needs develop in the future makes no difference - P90 adapts to it all. There are no problems changing beam sizes or levels to the modular construction method, and the extensive range of accessories ensures optimum equipping even when requirements change.



TECHNICAL DATA

Rack height up to 30 metres
 Bay loads of more than 30 metric tonnes
 Beam loads up to 5 metric tonnes
 Beam level heights up to 3,500mm
 Beam lengths up to 5,000mm



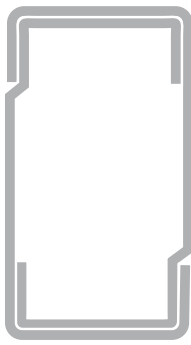
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Taking quality and efficiency to new heights

Speedlock P90 is the most advanced adjustable pallet racking system available in the market today. It's designed to meet the stringent requirements of the FEM code for pallet racking, and the codes of all European member states including SEMA. We use P90 to develop the optimum pallet rack for your very specific needs - up to 30 metres high and in a variable width and depth.



Box



Open



I-Beam

A real performer : Dexion's I-Beam

P90 RIGHT FOR EVERY PROJECT

The wide range of galvanised or painted P90 components allows you to choose exactly the right uprights and beams for the job. And that means you can reduce costs and maximise your storage investment. P90 is available in a choice of 15 beam sections and 21 different upright sections.

AN INNOVATION: THE I BEAM

This new galvanised beam is based on an inherently strong I-section profile and eliminates the need for welded joints, by using 'tox' connectors. Tox connectors were developed for the automotive industry and use a punch and die combination to create a joint that is as sturdy as any welded seam.



Dexion galvanised I-beam racking combines load-carrying capacity with long-term value



P90 Drive-In racks can make your storage space up to 90 percent more efficient compared to conventional pallet racking systems. This substantial improvement is achieved by eliminating picking aisles. The fork lift truck positions the pallets on front to back rails, enabling rows to be stacked adjacent to each other.

Block stacking capacity combined with load protection

In addition to freeing up additional storage space, the system increases productivity. P90 Drive-In racking provides safe and efficient 'block stacking' capacity for goods which are too fragile or unstable to be stacked one on top of the other in the traditional way.

Matching the pallet handling truck to the racking system is especially important with Drive-In racking. Our computer design provides a detailed dimensional specification to enable

you to choose the best truck for the job. We can design P90 Drive-In to fit your existing equipment and the programme can specify the installation that offers the most cost effective, functional and productive storage solution for your requirements.

The smoothly formed pallet-carrying rail offers a safe, snag-free surface. Pallet rails are supported by brackets that slot into the upright on a 50mm vertical pitch and are pin-locked

into position for added security. Productivity and safety are increased by the use of high visibility upright guards and entry guides. This also helps the driver position the load quickly and accurately. Using the 'last in, first out' principle means that P90 Drive-In racking increases your storage capacity.

P90 Drive-In complies with the SEMA design codes.

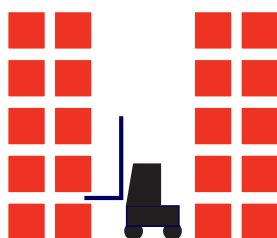


Because of various kinds of stored goods and specific needs, individual solutions are often requested in palletised storage. Do the goods have a particular shape? Is there a need to store large quantities of the same items? Or does it involve a product range that changes often? Although dynamic systems are gaining ever-increasing importance in this respect, in most cases pallets are still stored statically.

Pallet storage in all circumstances - static and dynamic

THE CLASSIC - STANDARD PALLET STORAGE RACK

The standard pallet storage rack or high-bay rack is the most common kind of pallet storage. In this arrangement the pallets are fully accessible at any time, rather than being subject to a restrictive order system. Available in heights between 1.5 and 30 metres and with a variable depth and width, P90 fits the space situations perfectly and is suitable for all storage media - europallets, disposable pallets or your company's own pallets, box pallets or containers.



FAST ORDER PICKING WITH NARROW-AISLE HIGH-BAY RACKS

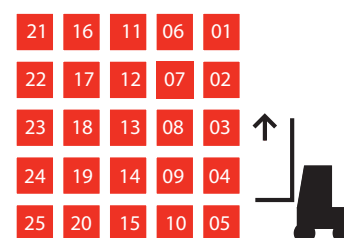
Narrow-aisle high-bay racks are especially suitable for maximum storage capacity and fast availability in a limited area. You can drive along the particularly space-saving aisles with high-bay lift trucks (Man-Down) and order-picking lift trucks (Man-Up) - for fast order picking directly from the pallet. Additional upper guide rails, if required, ensure precision and safety even at high speeds.



EFFICIENT USE OF SPACE WITH DRIVE-IN RACKS

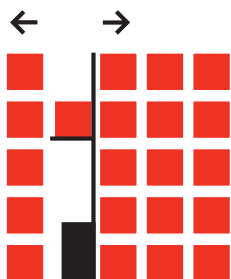
Drive-in racks are a form of compact block storage based on the "First In, Last Out" principle. They are used mainly for storing large amounts of identical goods. Drive-in racks achieve a considerably better storage density, and existing spaces can be used more efficiently compared to conventional pallet storage.

Dexion P90: Storage types

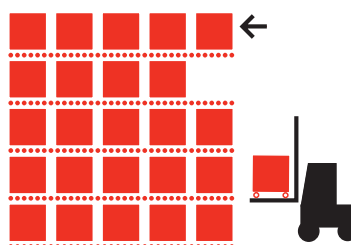


REDUCE COSTS WITH MOVO

You can exploit areas and room heights to their optimum by using mobile racking - in some cases more than doubling storage capacity compared to a conventional pallet rack. If you use it in a new installation it reduces investment costs as well as energy, operating and cleaning costs. In addition, various add-on components make MOVO suitable for any kind of stored goods. Modern sensor technology ensures absolute safety for personnel and lift trucks at the same time.

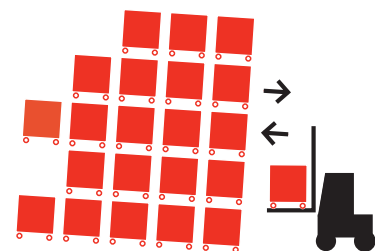
**IMMEDIATE AVAILABILITY WITH PALLETFLO**

Regardless of whether PalletFlo is used as a live storage rack or a slide-in rack it increases turnround speed in every case and your goods are available particularly quickly. At the same time, with a maximum of two operating aisles, PalletFlo needs up to 60 percent less space than conventional pallet rack storage.

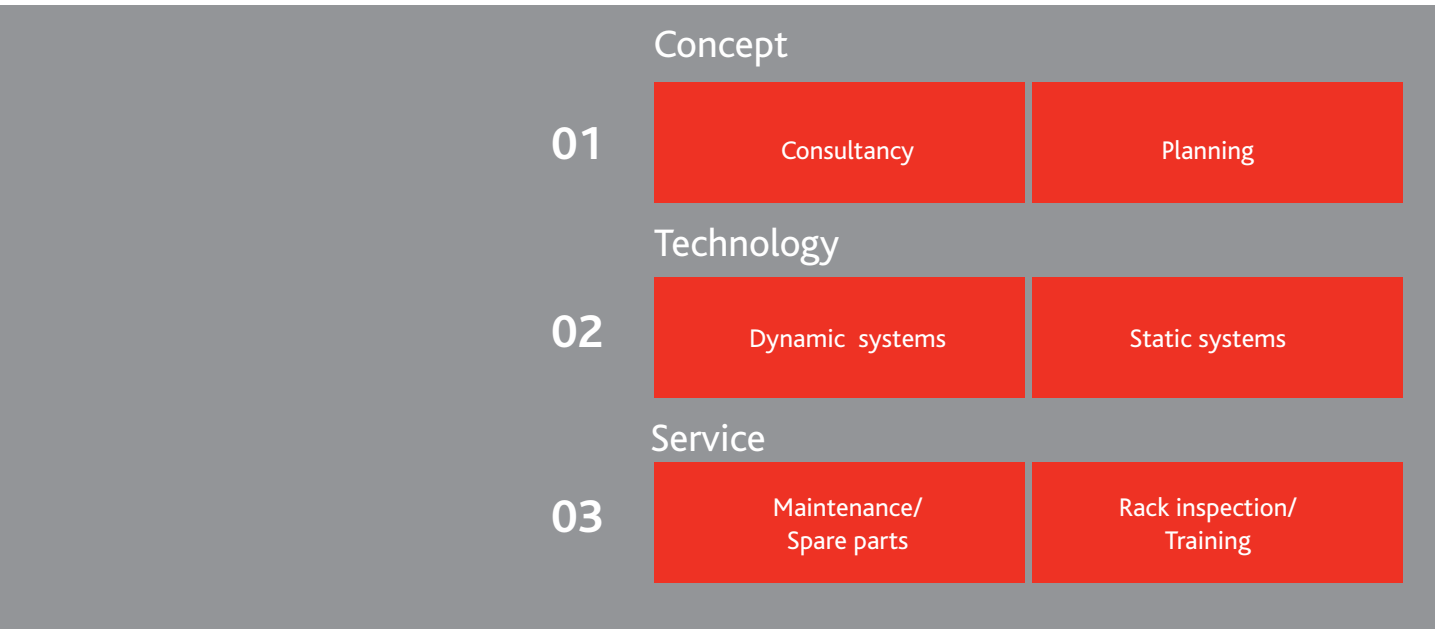
**SHORT ROUTES WITH PUSH-BACK**

High Density Pallet Storage - where pallets are pushed back into racks, gravity fed back to the loading face for "First In, Last Out" stock rotation.

Provides high-density live storage where quick and easy access is required. Pallets are loaded into the system on telescopic trolleys, each trolley being pushed back into the rack by the incoming pallets. Store 2, 3, or even 4 deep.



The Dexion performance spectrum



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