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KASTEN

S90 SHELVING SYSTEM

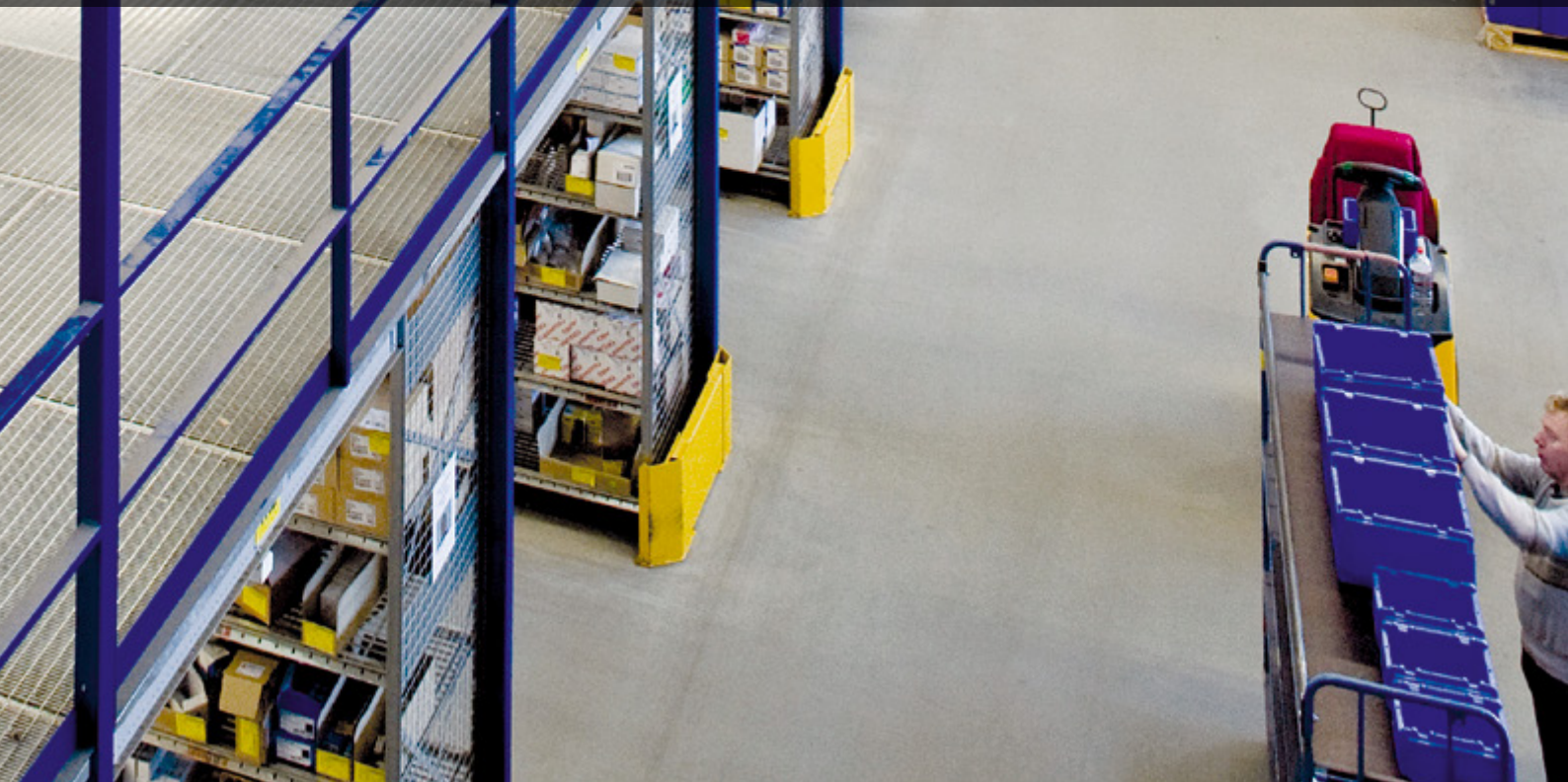
Adjustable shelving for every situation





S90 Shelving System

Single shelving bay to a multi-tiered picking facility



S90 shelving always has the answer

When looking for the ideal small parts storage solution, this can be a challenge. Everyone has particular needs and finding something that is tailored exactly to your requirement can be difficult.

The S90 Shelving System can provide the answer to this problem due to its modular design and easy construction method. Durable and easy to adjust and readjust it can offer the ideal solution for everything from a single bay to a multi-tier or even mobile solutions with built in security features.

The S90 shelving system is based on two standard uprights and a range of shelves with different load bearing capacities to offer the optimal solution. The basic elements are made of high quality cold rolled steel sheet which is used in our in house automated production lines. Available in either powder coated finish, with the option to select bespoke colours, or a robust galvanized finish it is the perfect combination of durability, strength and finish.

Offering a wide range of accessories that can be simply pushed in and hung on, with the added advantage of retrospectively adding accessories.

With the ability to easily extend or adapt the S90 shelving system the possibilities are endless, however, your business may change.



CONSTRUCTOR LOGISTICS

We can offer assistance with:

- Optimal design of your existing or new warehouse
- Increasing your material handling efficiency
- Optimising your stock level

21st century approach to warehouse logistics

Constructor Logistics, provides a fresh approach to warehouse optimisation. Experienced consultants can work with our bespoke software package to determine the benefits of different warehouse solutions, complete with a 3D simulation. This will allow you to understand the advantages or

disadvantages before you make any costly investment. In addition to this it can also assess your stock profile and help you to achieve optimum stocking levels and their ideal pallet locations, within your storage solution.

Cut operational costs by 20%

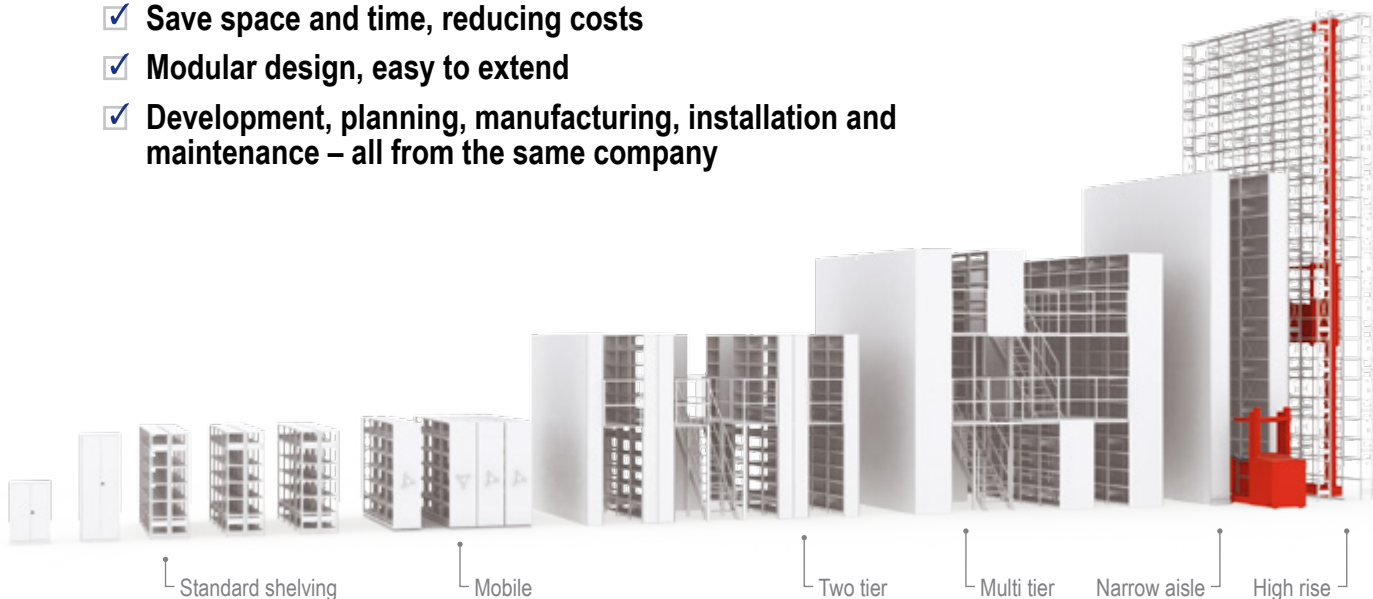
Reduce stock level by up to 20%

3D layout modelling

Whether you need a single tier shelving system or a multi-tier storage installation S90 can offer the ideal solution to meet your storage needs. Choose from our standard components and create either a basic shelving system, or in combination with the huge variety of accessories in the S90 Shelving System create a multifunctional system. Our experienced sales team can analyse your available space in terms of height, width and depth and create a tailor-made solution that enhances both the storage and operating process for your business.

S90 BENEFITS

- ✓ Efficient and clearly arranged storage solution
- ✓ Fast access to stored goods
- ✓ Wide range of accessories
- ✓ Range of shelves to accommodate different loading weights
- ✓ Can be designed to fit the dimensions of your storage area
- ✓ Easy to install
- ✓ Save space and time, reducing costs
- ✓ Modular design, easy to extend
- ✓ Development, planning, manufacturing, installation and maintenance – all from the same company



Future proof your investment

Your storage needs may grow or change dramatically, they often do. S90 Shelving System can easily adjust to changes in demand. Thanks to its modular and extremely robust construction, removal and rebuilding are equally simple.

Wide range of applications

You can combine nearly any standard component with any accessory, from pull-out shelves and drawers to special features like mobile solutions. S90 Shelving System is infinitely adjustable.

Optimum use of space

Regardless of the type of goods, available space or layout, S90 Shelving can adapt perfectly to the environment. With the appropriate frames, the system can be assembled into a five-tier installation, up to a height of 18 metres.

S90 shelving

The foundations of the modular S90 Shelving System is based on a range of uprights and shelves made from steel. By using various components from a wide selection of shelving options and a range of accessories the system offers a comprehensive solution for any small parts storage or picking area.

The S90 shelving system has a height range of up to 18 metres, shelf widths of up to 1280 mm and depths of up to 600mm. It has load bearing capacities from 150 to 300 kg per shelf and maximum section load up to 3,000 kg, making it extremely versatile whatever your needs might be – now or in the future.



Benefits of S90 shelving

- ✓ Store large quantities
- ✓ Store heavy loads
- ✓ Space for efficient storage
- ✓ Optimum use of space
- ✓ Easy to adjust for changing needs

Multi-Tier Shelving

S90 can be used to create a multi-tier picking installation and allows you to utilize the height of the building by providing additional storage levels, which can increase your storage significantly. Utilising an intermediate mezzanine floor your shelving can be built on two or more levels.

The shelving works as support mechanism for the mezzanine floor by utilizing heavy duty uprights which are specifically designed to carry the additional load. Sprinkler systems and lighting can easily be incorporated into the structure along with walkways and stairs making this an ideal small part storage method, without the need to increase the floor space.



Benefits of S90 Multi-Tier

- ✓ Maximise height of building
- ✓ Increases storage capacity
- ✓ Save costs
- ✓ Increase picking rates
- ✓ Save time with shorter operating distances

 More information see: www.kasten-storage.com/shelving/S90

Narrow Aisle/High Rise

Narrow Aisle and High Rise shelving systems are common in 24-7 warehouses, with easy access for man up trucks, or handling by automatic cranes.

This type of storage installation offers a unique optimisation of storage space, with the advantage of maximising the full height of the building.



Benefits of Narrow Aisle/High Rise

- ✓ Increase efficiency
- ✓ Maximise the height of your building
- ✓ Suitable for picking by crane
- ✓ Enhance picking procedures
- ✓ Improve picking rates

Mobile Shelving

When lack of space is an issue the S90 Shelving System can be mounted on mobile units, providing the optimal compact storage system. It operates by moving the S90 shelving along floor rails to create an access aisle for picking. Mobile shelving is often used for small parts storage as well as archive storage solutions. With a choice of two drive options, turn-handle system and electric control, the mobile system ensures effortless operation. Additionally, this shelving system provides additional security as the mobile units can be locked and access given via an electronic code.

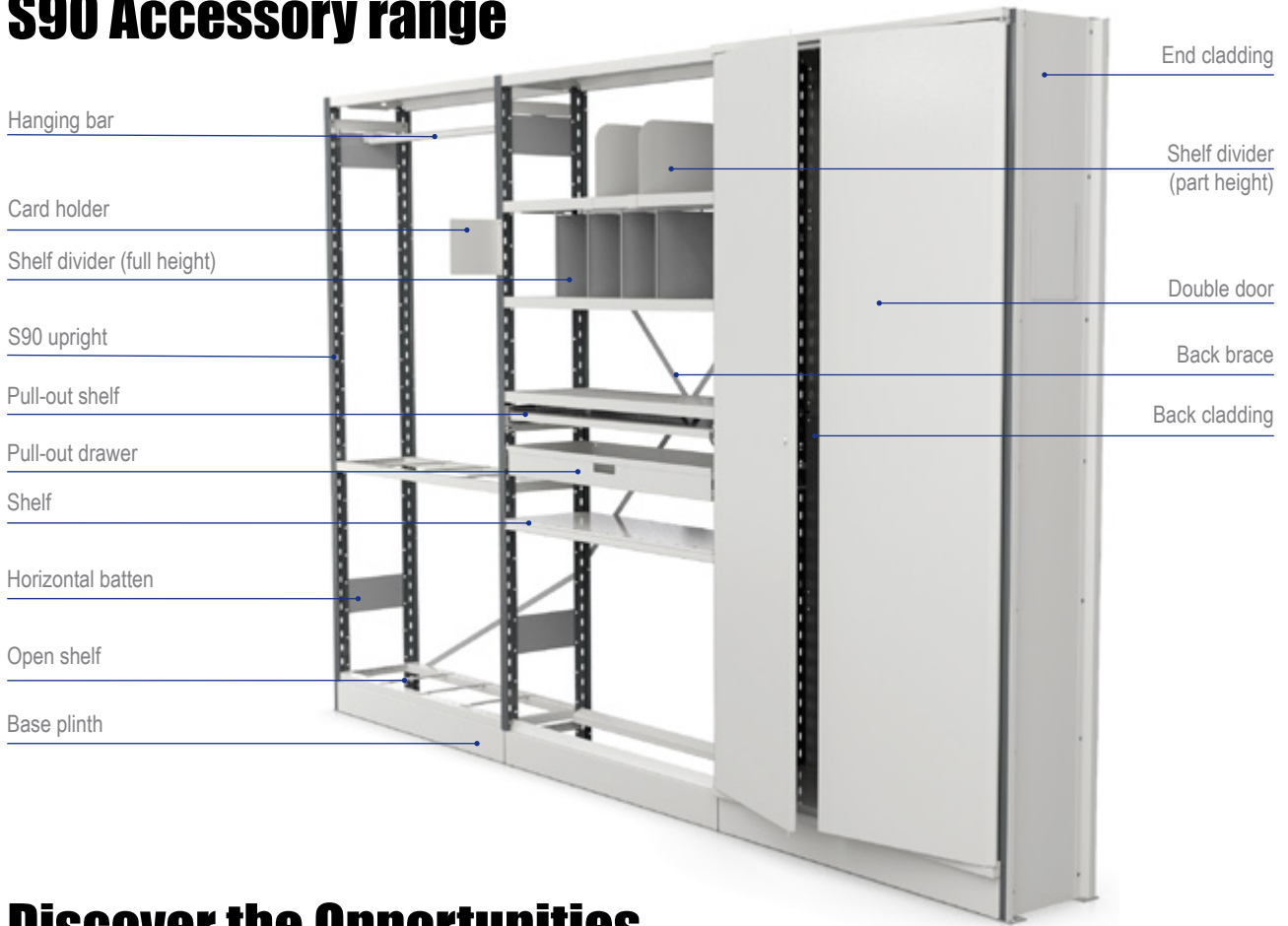
Benefits of mobile

- ✓ Saves space
- ✓ Reduce storage area
- ✓ Increase storage capacity
- ✓ Improve security
- ✓ Easy access to individual items



 More information see:
www.kasten-storage.com/shelving

S90 Accessory range



Discover the Opportunities

Shelf divider full height



Used to separate stored items and create shelf locations.

Hanging bar



Used as a garment rail.

Pull-out shelf



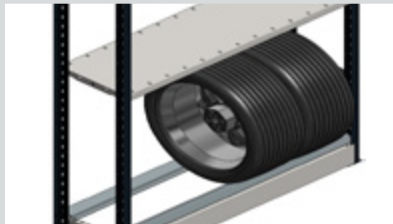
For installation under shelf or instead of shelf.

Lockable doors



A lockable door unit, which converts the bay to a cupboard.

Tyre shelf



Allows the tyre to rest on a larger surface to avoid point loads and flat spots.

Pull-out drawers



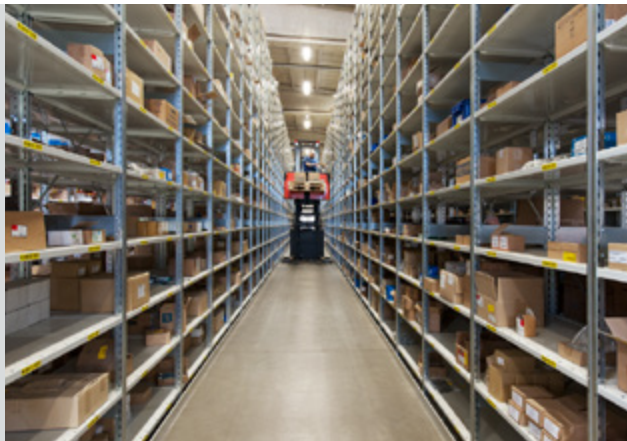
Suitable for storage of smaller goods. The drawers can be sub divided front to back.

References

Multi-Tier Shelving

The logistic centre for Nanso Group in Finland is the largest and most up-to-date clothing industry logistics facility in the Nordic countries with a total area of 33000 m2. Half of the warehouse is fitted out with a three tier shelving system and the other half with a racking system. On average 7500 lines are picked per day which means that the number of products to be dispatched ranges between 70.000 to over 100.000 pcs per day. Voice activated order picking is also used in the warehouse.

www.kasten-storage.com/References/Nanso ►



Narrow Aisle

When fasteners and small parts procurement and logistics services provider, Bufab Finland Oy moved to new premises it needed storage shelves for more than 14 000 items. Bufab supplies bolts, screws and nuts, as well as some electrical equipment to manufacturing industry. The storage consists of six meter high pallet racking on the other side of the warehouse and on other side also six meter high Narrow Aisle storage by the shelving system S90 with 5.250 shelf running meters and 18 shelves per section.

www.kasten-storage.com/References/Bufab ►

Mobile

Mobile shelving system provided a flexible system on limited space floor for Electrolux Distriparts AB. The warehouse comprised of 35.000 m² containing approx 125.000 articles. By using mobile shelving this allowed them to maximise their small part storage on a smaller footprint.

www.kasten-storage.com/References/Electrolux ►



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