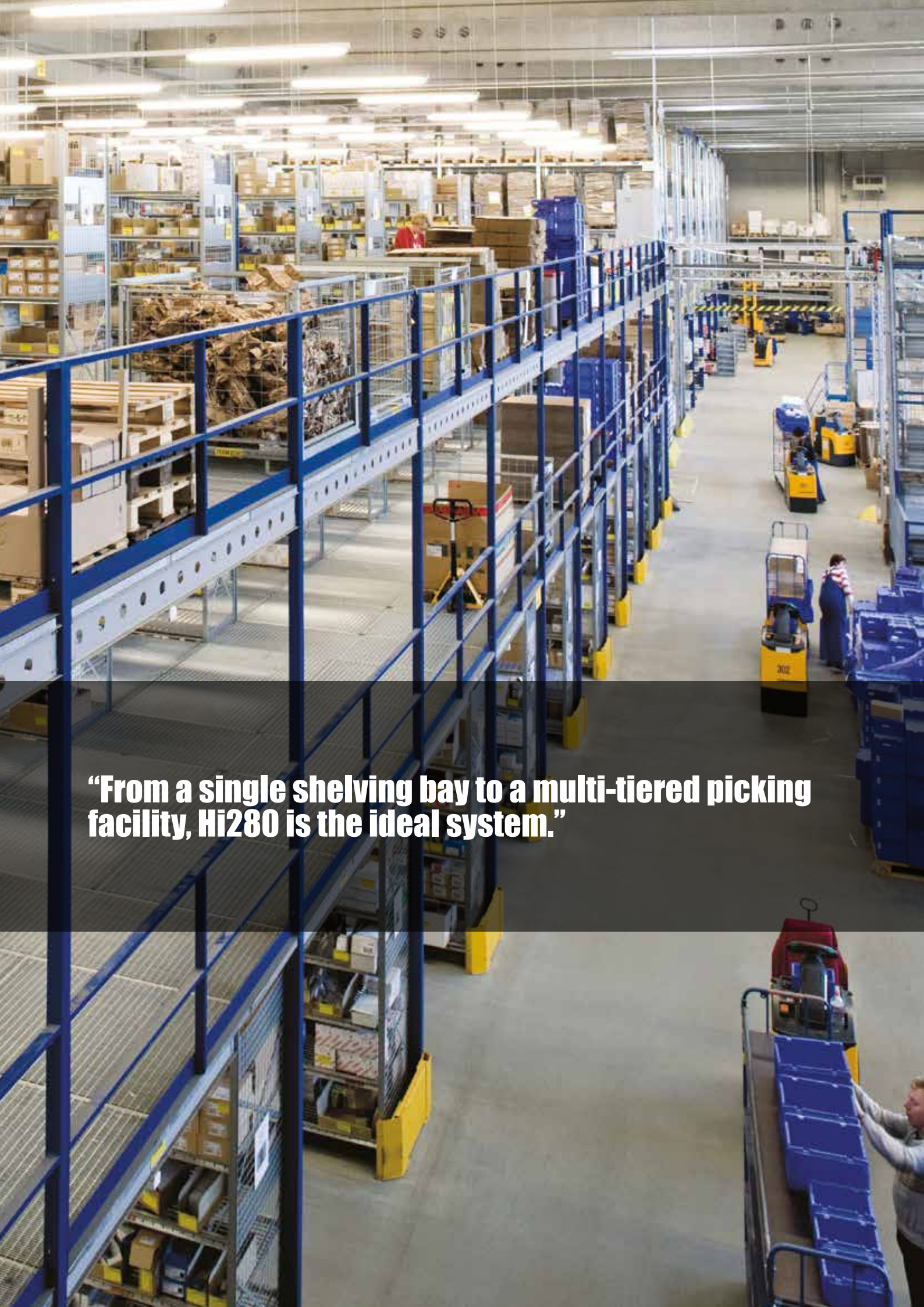
CONSTRUCTOR

Hi280 SHELVING SYSTEM

Adjustable to fit your requirements

safer storage systems

Storage solutions without boundaries.



“From a single shelving bay to a multi-tiered picking facility, Hi280 is the ideal system.”

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Always a solution for your specific needs

When looking for a small parts storage solution, everyone has particular needs. Whatever your need might be, the Hi280 Shelving System can provide it.

When your needs change, the Hi280 Shelving System can change with them. It is that adjustable.

Hi280 Shelving System is easy to install. It is durable in use, it is easy to adjust and then readjust.

A patented construction method has made this possible. The Hi280 is a solution in high-grade pre-galvanized steel and a design based on a minimum of basic components, with an absence of nuts and bolts for the single-tier installations. The standardised frame elements guarantee easy assembly. Additional components, from a wide range of accessory parts, can simply be pushed in and hung on afterwards.

This makes the Hi280 Shelving System extremely robust and incredibly adaptable. The variety of applications is almost endless – from a small traditional shelving system to an automated high-rise racking installation.

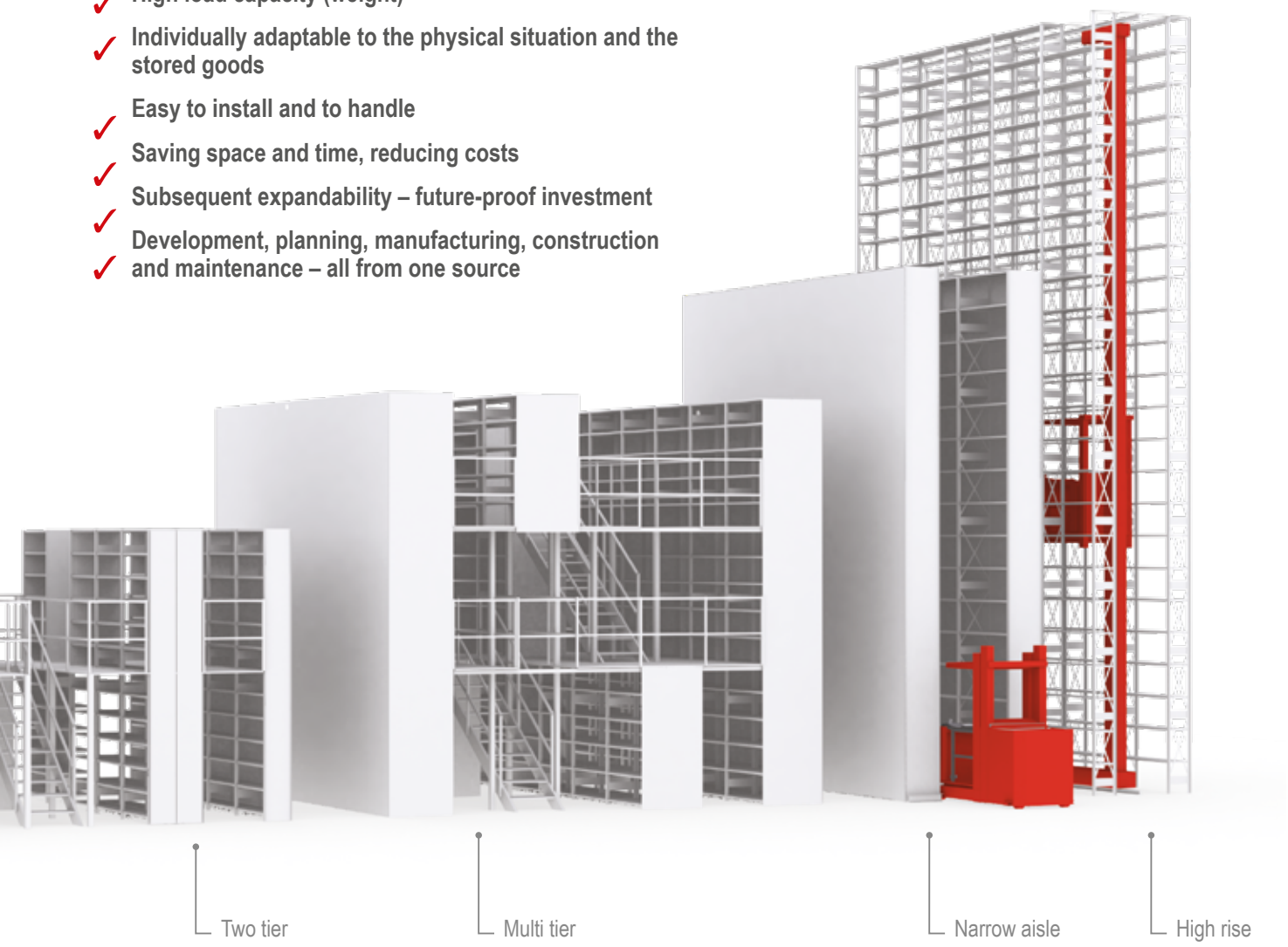
Whether you need a single tier shelving system or a multi-tier storage installation – we will find the best solution for your needs. Choose from our standard components, and create either a basic shelving system, or in combination with the huge variety of accessories in the Hi280 Shelving System a multifunctional system. With a height range of up to 12 m, widths up to 2.5 m and depths up to 1 m, the shelving system can be precisely fitted to your warehouse. We analyse your available space in terms of height, width and depth, and create a tailor-made solution serving your specific needs – enhancing both storage and operating procedures for your company.

Quick and easy to assemble
Assembling the Hi280 Shelving System is simple and straightforward. The standard support frame is easy to assemble; all other components and accessories can easily be added to the system afterwards.

Maximum stability
This shelving system has a particularly robust construction and high level of quality workmanship. Therefore, exceptional rack heights, depths and load-bearing capacities can be achieved. Even medium span shelving is possible with the Hi280 Shelving System.

Optimum use of space
Regardless of the type of goods, available space or layout, Hi280 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 12 metres.

- ✓ Efficient and clearly arranged storage solution
- ✓ Fast access to the stored goods
- ✓ Wide range of accessories
- ✓ High load capacity (weight)
- ✓ Individually adaptable to the physical situation and the stored goods
- ✓ Easy to install and to handle
- ✓ Saving space and time, reducing costs
- ✓ Subsequent expandability – future-proof investment
- ✓ Development, planning, manufacturing, construction and maintenance – all from one source



High quality workmanship

To guarantee their durability, all the Hi280 Shelving System components are permanently protected against environmental damage. All surfaces, inner and outer, are pre-galvanised, protecting the system from rust. Even when scratched, the galvanized steel will not be affected by rust, but retain its shiny surface. The surface also enhances the light-reflection as opposed to painted finishes, which reduces the need for expensive lighting.

Guaranteed future-proof

Your storage needs may grow or change dramatically. They often do. Hi280 Shelving System can easily adjust to that. Thanks to its modular and extremely robust construction, removal and rebuilding are equally easy.

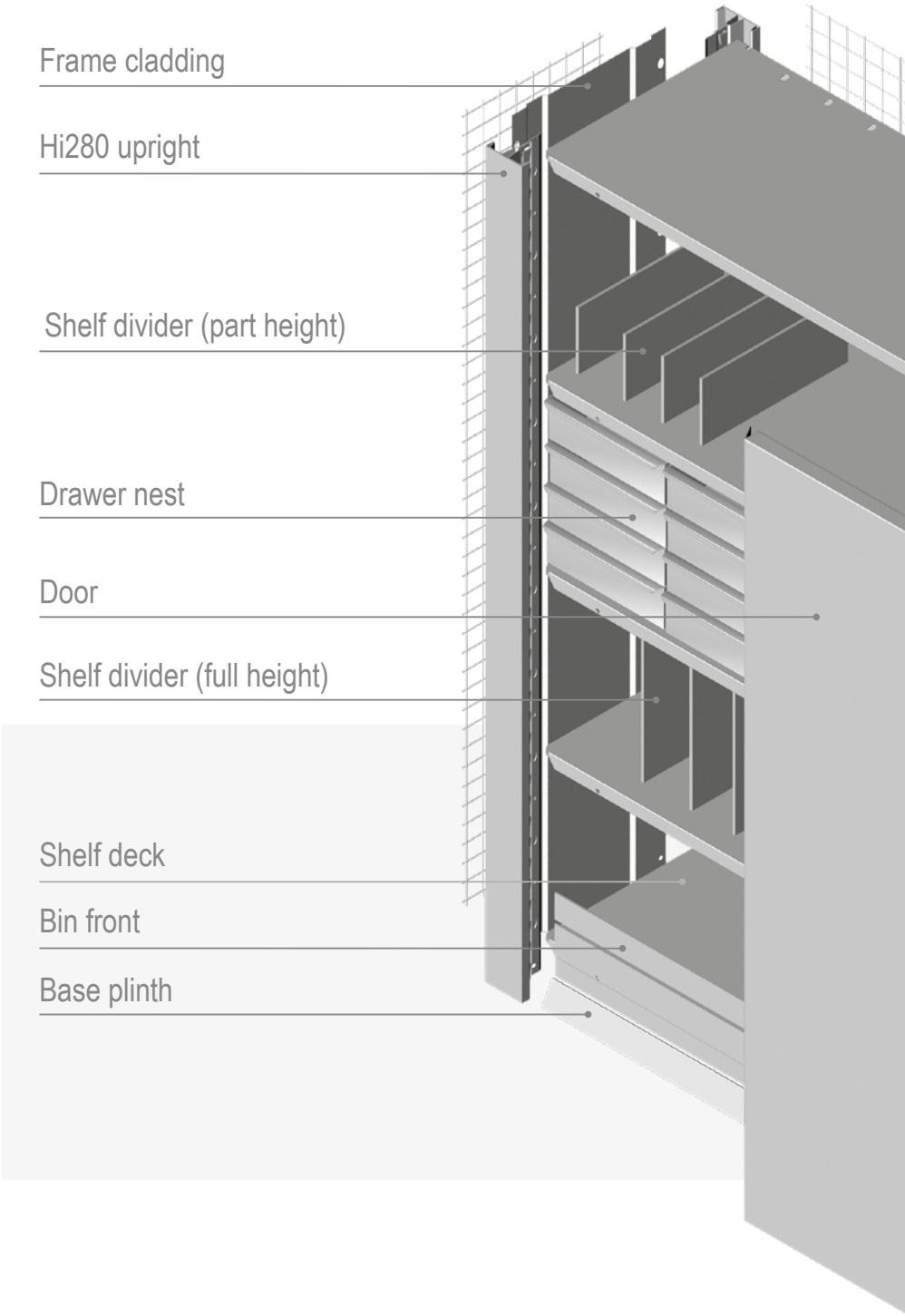
Wide range of applications

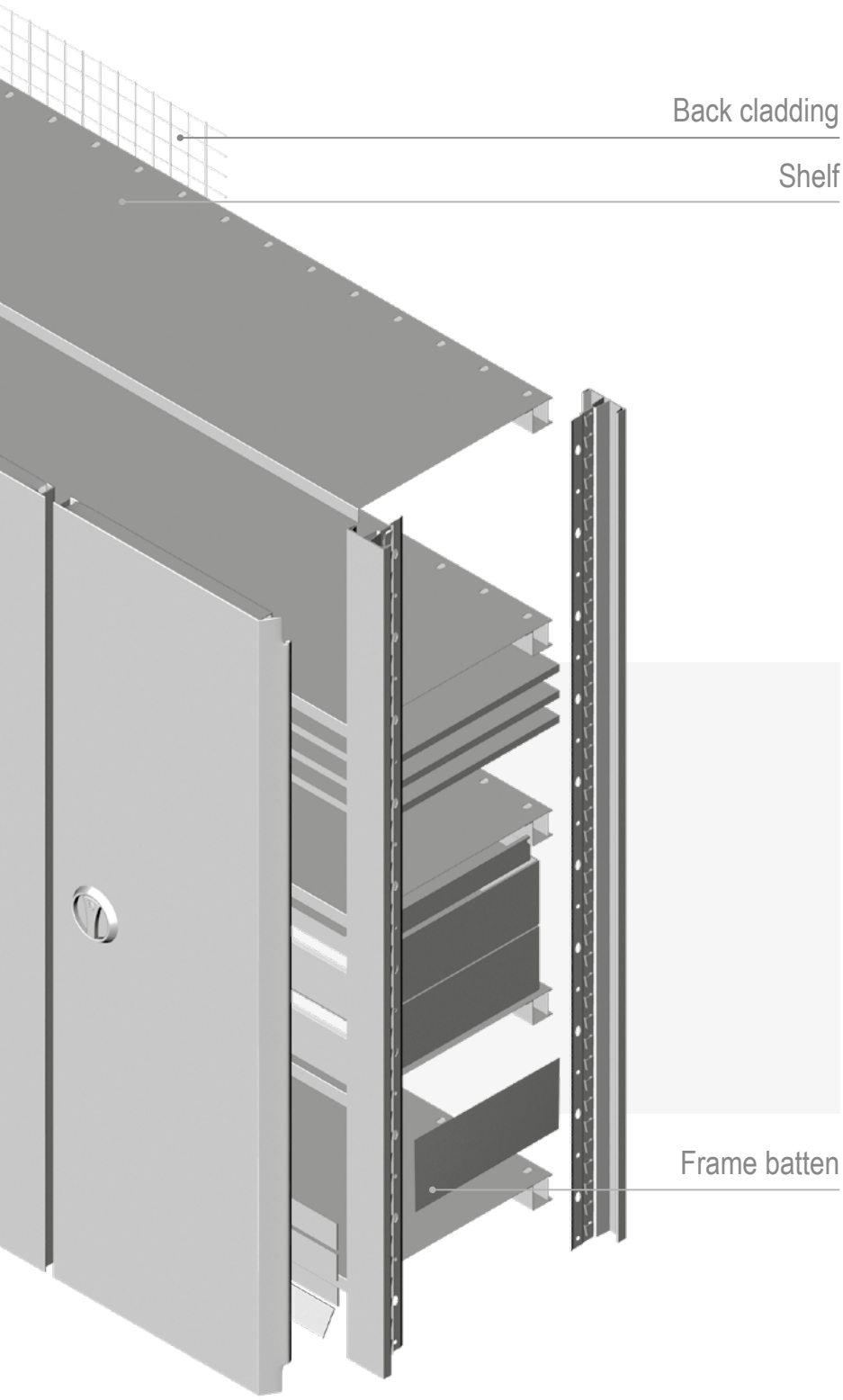
You can combine nearly any standard component with any accessory part, from pull-out shelves and drawers to special features like mobile solutions. Hi280 Shelving System is infinitely adjustable.

Standard shelving

The basis of this modular Hi280 Shelving System is uprights and shelves made from high-grade pre-galvanized steel. These can be assembled in numerous ways. By using components from a wide selection of shelving options and accessory parts and including a range of plastic storage bins, the system offers a comprehensive solution for any small parts storage or picking area.

The Hi280 shelving system has a height range of up to 12 metres, shelf widths of up to 2.5 m and depths of up to 1 m, making it extremely adjustable and suitable for whatever needs you might have – now or in the future.





BENEFITS OF STANDARD SHELVING

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

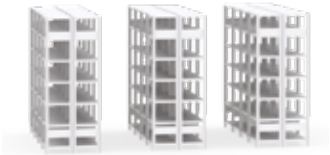
Multi-tier

By using Hi280 as a multi-tier installation it is possible to create a large picking area in your warehouse. The Hi280 Shelving System multi-tier with an interposed mezzanine floor is a construction built in two or more levels. The shelving works as support for the mezzanine floor and the uprights are heavy-duty constructions, which are designed to carry the loads from the floors above. Sprinkler systems and lighting can easily be incorporated into the structure.

BENEFITS OF MULTI-TIER

- High space utilisation
- Increases storage capacity
- Lower facility investments
- Saves time with shorter operation distances
- Increases picking rates

Medium span

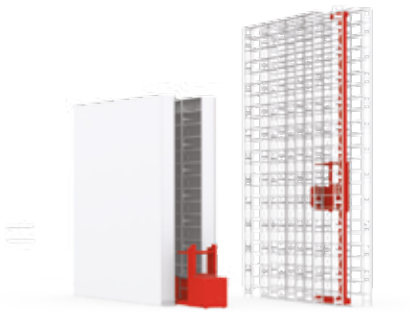


Medium span shelving is often used for storing large and heavy products, and could also be used for creating multiple picking locations by picking from both sides.

BENEFITS OF MEDIUM SPAN

- Stores bulky or unwiedly goods effeciently
- Easy picking from both sides
- Flexibility through compatibility and easy integration with short span

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.

A narrow aisle storage installation offers a unique optimisation of storage space.

BENEFITS OF NARROW AISLE/HIGH RISE

- High space and floor utilisation
- Lower facility investments
- Increases picking rates
- Ergonomic picking

Mobile

When lack of space is an issue the Hi280 Shelving System can be mounted on mobile units, providing the optimal compact storage system. Mobile shelving is often used for small parts storage as well as archive storage solutions. Additionally, this shelving system provides a secure storage as the mobile units can be locked, and access given only through an electronic code.

BENEFITS OF MOBILE

- Utilisation of floor space
- Lower facility investments
- Doubles warehouse capacity
- Prevents unauthorised access through locking devices
- Easy access to individual items

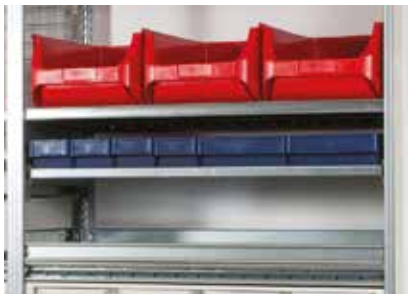
Accessories for Hi280

– Discover the Opportunities

Various accessory parts make individual adaption for stored goods or for different physical spaces easy. There is always a solution for you. These are only a few examples.

Plastic trays and bins

Ideal for storing smaller items, available in a number of sizes.



Shelf drawers and drawer nests

For storing small parts. Shelf drawers positioned directly on the Hi280 shelf or guided in a frame.

Pull out tray and drawers

Suitable for storage of smaller goods. Supported on a pair of expansion slides. The drawers can be sub divided front to back.

Shelf divider full height

Used to separate stored items and create shelf locations. Secured with 4 pins between the upper and lower shelf.

Bin front

Fitted to the front and/or back of a shelf to prevent items falling from the shelf. Can be stacked on top of each other.

Shelf divider part height

Used to sub-divide the shelf into smaller compartments. Independent of shelf pitch. Secured to the shelf below. Available in 90mm and 140mm heights.

Base plinth
Fitting at the front, below the first shelf, a plinth prevents items from entering the space beneath.

Tube rail
Used as a garment rail. Items can be hung from the rail by using hooks also available.

Lockable doors
Full and part height lockable doors

Bay divider
Used to segregate long goods when stored vertically. Allows fast and direct access.

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

Chipboard shelf
Chipboard shelf for medium span beams with cross beam supports underneath.

U-support
A 'U' shaped wire support for sub-dividing medium span bays into suitable compartments. Can also be used to make a combined shelf.

Sign holder
Clipping to the upright they provide an accurate and rapid identification.

Steel In-fill panel
For medium span beams, the In-fill panel is used front to back creating a strong steel storage level.

References

Multi-Tier Shelving

A two tier shelving system with 17.000 shelves was installed at the new ultra-modern distribution centre in Waldlaubersheim for Staples, the world's largest dealer in office equipment. Here in four halls with a total area of 45.000 m², 14.000 order items are already being picked and dispatched every day – and the potential daily output is 60.000 items.

Narrow Aisle

Volkswagen Parts Logistics in Nykvarn is the new central warehouse in Scandinavia, supporting all car models in the Volkswagen group. The warehouse is planned around different departments each equipped with its own storage system. Each storage area utillised besite pallet racking and cantilever system, narrow aisle storage by the shelving system Hi280. A very effective successful combination.

Medium Span

Rexel is the world market leader in the distribution of electrical material and technical equipment. Nearly 70.000 articles are stored in the medium span shelves. Whereas the old warehouse was able to process 6.000 order lines per day, the new plant produces figures of up to 12.000.

Tyre Racks

Due to regulations in some countries, cars must have two sets of tyres, one set for summer and another for winter. This required Bekö Bil in Gothenburg Sweden to invest in a new, highly modern workshop for tyre services.
Mobile Hi280 tyre racks with 7 levels were installed and work assist vehicles were used for access.

Mobile

Hi280 shelving on Compactus mobile bases system provided a flexible system in a limited space floor for Klinger, a marine supplier with a complete range of valves and seals. Access was needed 24/7 in order to pick items for fast dispatch all over the world.

Keep your warehouse safe

– By detecting defects early

The daily moving of goods are likely to cause some knocks and damage to your storage system. In the long run, these minor modifications can change the capacity of shelving or pallet racking and lead to incidents that could possibly cause damage to both man and material.

Regular inspections will minimise the frequency and effect of these incidents by identifying crucial damage at an early stage.

Our inspectors are highly experienced and certified. They provide yearly inspections to keep your facilities safe and up-to-date. Every inspection is followed by an offer of suggested replacement parts including fitting. When fully approved, you receive an official plaque of approval until the next inspection date.

The benefits of a rack inspection:

- Comprehensive professional inspection
- Certified and experienced inspectors
- No interruption to operations
- Detailed inspection report
- Prevention of damage to people or goods
- Extending life span of facilities
- Early risk discovery minimizes future repair costs
- Repair work can be completed quickly
- Provides independent expert to assess equipment

Our Services at a glance:

Accurate visual inspection
An inspection is executed without any interruption to your working processes. The rack inspector reviews the racking structure, its load capacity and any safety guards that are in place.

Official Report and inspection plate
After an inspection you will receive an official, signed inspection-report, with recommendations concerning maintenance or further inspections. If your racking system passes all the regulations then you are awarded with an official inspection plate.

Offer for maintenance
If there are any maintenance issues, or reasons for non compliance with safety guidelines, then you will also receive a non-binding offer for rectification of the damage, along with our competent support during the time it takes to bring your storage system back in-line with safety standards.

Long-term inspection plan
Together, with you, we can develop a plan for future safety audits and damage reduction that will maintain your storage system to its optimum capacity.

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