








**Shelving Range** ■



## Variety in all storage situations - the HUPFER<sup>®</sup> shelving range.

Nowadays, all clinics, hospitals and sterilisation operations face difficult logistics challenges. Here, the logistics function Storage is extremely important - in fact it is right at the heart of ensuring continuous operation. As the specialists in sterile goods logistics, HUPFER<sup>®</sup> can provide the answers to specific storage questions for e.g. sterile items, pharmacy products, consumables or even laundry. With a range of storage shelving units characterised by its extensive selection of products, a huge variety of production materials and a broad range of special fittings, HUPFER<sup>®</sup> is able to provide individual storage solutions for a variety of applications and facility sizes. HUPFER<sup>®</sup> Norm shelves can be tailored precisely to suit any room layout and therefore make optimal and thus efficient use of the available storage space.

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## HUPFER® standardised shelving - the principle.

HUPFER® standardised shelving can be precisely adapted to all kinds of spaces and therefore makes optimal and economical use of the available storage area. The principle: All HUPFER® standardised shelving consists of the basic shelving unit (2 uprights, 4 shelves, 1 cross brace). This basic shelving unit is extended with an extension shelving unit (1 upright, 4 shelves). If you plan to build around a 90° corner, this requires the use of corner hooks but no further upright, this would take up space unnecessarily.



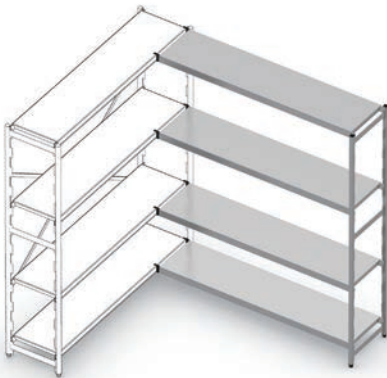
### The basic shelving unit

Two uprights are required for each basic shelving unit which is to be set up individually.



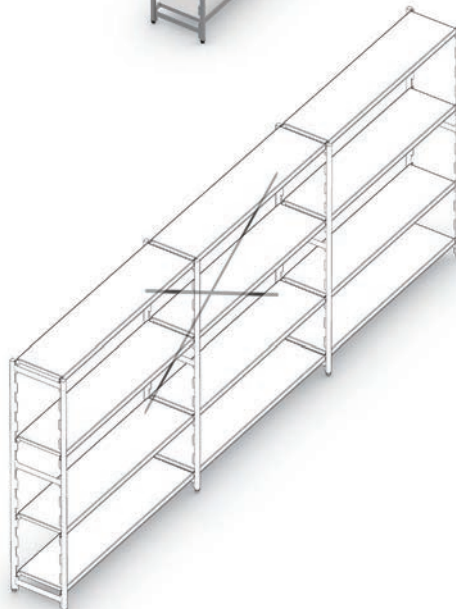
### The extension shelving unit

When extending the shelving (extension shelving unit), you need only one upright (i.e. 3 uprights for 2 sections of shelving, see figure) for each additional shelving section.



### Building around a 90° corner

It is possible to build around a 90° corner using the corner hooks (2 per shelf) which can be supplied for every shelving system. No extra upright required.



### Double-depth shelving unit

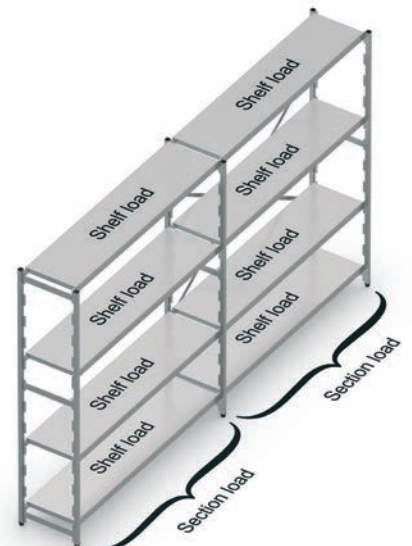
Placing shelving units back to back increases the usable depth of the shelf section. There is no need for a cross brace in addition to that of the basic structure because the uprights are screwed to each other.

### The cross brace

Up to 3 successive shelving sections are assembled with only one cross brace providing excellent rigidity.



The shelf load is the loading capacity of an individual shelf with a uniformly distributed load. The total of all the shelf loads of a shelving section must not exceed the section load of the same shelving section.



## **NORM 5** **stainless steel shelving unit**



If you're looking for a storage shelf to meet with the most stringent demands, then look no further than the Norm 5 shelving unit. The stainless steel Norm 5 shelf is perfect for storing sterile goods or consumable materials in many storage areas. The Norm 5 shelf offers a fine example of a shelf which is both easy to clean and hygienic. Extendability and the option to use different shelf types make the flexibility of use plain to see. Useful accessories, such as e.g. compartment dividers, mean that you always have a clear overview even where there is a high throughput of stored items.

**The universal solution with special qualities -  
the NORM 5 shelving unit from HUPFER®!**

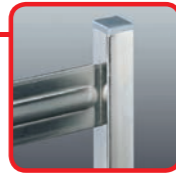
**Strong**

The strong overall construction from stainless steel, high-quality components and a high level of manufacturing quality ensure reliable and long-term use - even under the most demanding conditions.



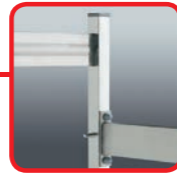
**Clean**

To improve hygiene, the shelf stands are fitted with plastic end caps.



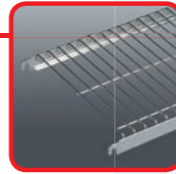
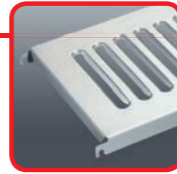
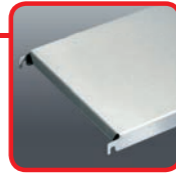
**Flexible**

Bracing bars for assembly in open spaces, as an alternative to the cross-brace, to provide open access to the products being stored.



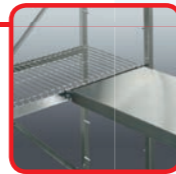
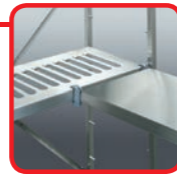
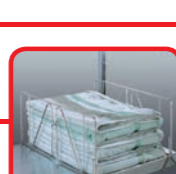
**Safe**

Select from solid shelves, perforated sheet metal shelves, wire grating shelves made from stainless steel to ensure the perfect match with any type of products being stored.



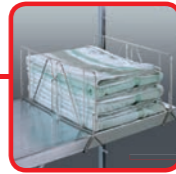
**Extendable**

90° cross-corner construction for all available Norm 5 shelf types.



**Useful**

The accessories range includes easy clip-on compartment dividers for shelves with a depth of 500 mm and 600 mm.



**Optimised**

Barrier rails, specifically for use on ships, as well as side push-through protection for shelf stands stop stored goods from falling out.



**Flexible**

The individual shelves can be positioned and replaced at any time without the use of tools, even when assembled - they can be tailored to suit the products being stored.



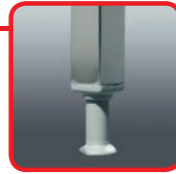
**Helpful**

This 300 mm tall floor stand which has a 200 kg load-bearing capacity is designed for heavy materials which must not come into contact with the floor.



**Moveable optional equipment**

Certain types of shelving units are fitted with castors to allow easy movement of their standing position, e.g. for cleaning purposes.



**Stable**

The screw feet which are height-adjustable as standard and are protected against total unscrewing can compensate for any floor unevenness of up to 25 mm. If required by the storage spaces concerned, the range of accessories also includes ceiling, floor and wall attachments.

**Detailed**

You can find all the technical details of this product range at [eng.hupfer.de/mtnorm5](http://eng.hupfer.de/mtnorm5) or use the QR code.



## **NORM 5 / Medidul stainless steel shelving unit**



The Norm 5 / Medidul shelving unit is designed specifically for the storage and provision of sterile goods in sterile goods or operating theatre storage areas. In StU or ISO dimensions, sterile goods are stored individually in soft packaging and baskets or in containers on L- or U-rails. This allows the user to be able to view, access and remove the individual packages quickly and with ease. The uncomplicated extendibility and also the integration of storage spaces for the sub-frame of the KÄNGURUH-SYSTEM® underpin the high level of flexibility of the Norm 5 / Medidul shelving unit.

**A clear overview of sterile goods -  
the NORM 5 / Medidul shelving unit from HUPFER®!**

**Strong**

The strong overall construction from stainless steel, high-quality components and a high level of manufacturing quality ensure reliable and long-term use - even under the most demanding conditions.



**Simplified**

Suspended U-rails or L-rails represent the perfect shelves for sterile goods in containers or baskets. The products being stored can be handled easily thanks to this individual storage system.



**Flexible**

The individual shelves can be positioned and replaced at any time without the use of tools, even when assembled - they can be tailored to suit the products being stored.



**Clear**

Labels attached beneath the insert rails are available so that products are stored correctly in the storage areas. The labelling area has a size of 60 x 21 mm.



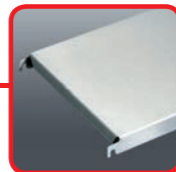
**Stable**

Spacers between the individual shelf stands give the Norm 5 / Medidul shelving unit a high level of stability.



**Diverse storage**

You can also incorporate solid shelves made from stainless steel into the Norm 5 / Medidul shelving unit.



**Protected**

Dustproof model with flat roof, floor base, sidewall/rear wall panelling.



**Detailed**

You can find all the technical details of this product range at [eng.hupfer.de/mtnorm5medidul](http://eng.hupfer.de/mtnorm5medidul) or use the QR code.



## **NORM 25** **stainless steel shelving unit**



The Norm 25 shelf stand from HUPFER® is a very sturdy and reliable companion for dealing with most storage issues in clinics, hospitals or sterilisation operations. Its hygienic properties and ease of cleaning make this stainless steel shelf particularly impressive. When used either as a small unit or large shelving system, the Norm 25 shelving unit can be extended and modified easily at any time and, even when conditions change, the use of a wide variety of shelf types means that it retains optimum usefulness.



**Hygienic, robust and tough -  
the NORM 25 shelving unit from HUPFER®!**

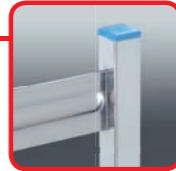
**Strong**

The strong overall construction from stainless steel, high-quality components and a high level of manufacturing quality ensure reliable and long-term use - even under the most demanding conditions.



**Hygienic**

The flat section cross-connections are integrated in a form-fitting manner into the stand struts by a state-of-the-art and patented connecting method. There are no hidden corners or hollow spaces - so it is very easy to clean.



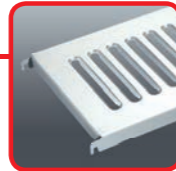
**Clear**

The accessories range includes easy clip-on compartment dividers for shelves with a depth of 500 mm and 600 mm.



**Safe**

Solid shelves and perforated sheet metal shelves made from stainless steel can be used for different requirements.



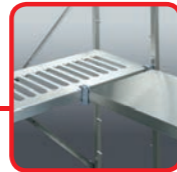
**Useful**

Through the use of 1.4509 stainless steel as the established material of choice, product labels for goods stored can be simply attached to these shelving units by magnet.



**Extendable**

Special corner connecting clips for a cross-corner construction.



**Rigid**

Cross braces on every third shelving section ensure maximum stability.



**Modifiable**

The individual shelves can be positioned and replaced at any time without the use of tools, even when assembled - they can be tailored to suit the products being stored.



**Flexible**

Shelf pin at 150 mm intervals to allow maximum and variable attachment of shelves.



**Moveable optional equipment**

Certain types of shelving units are fitted with castors to allow easy movement of their standing position, e.g. for cleaning purposes.



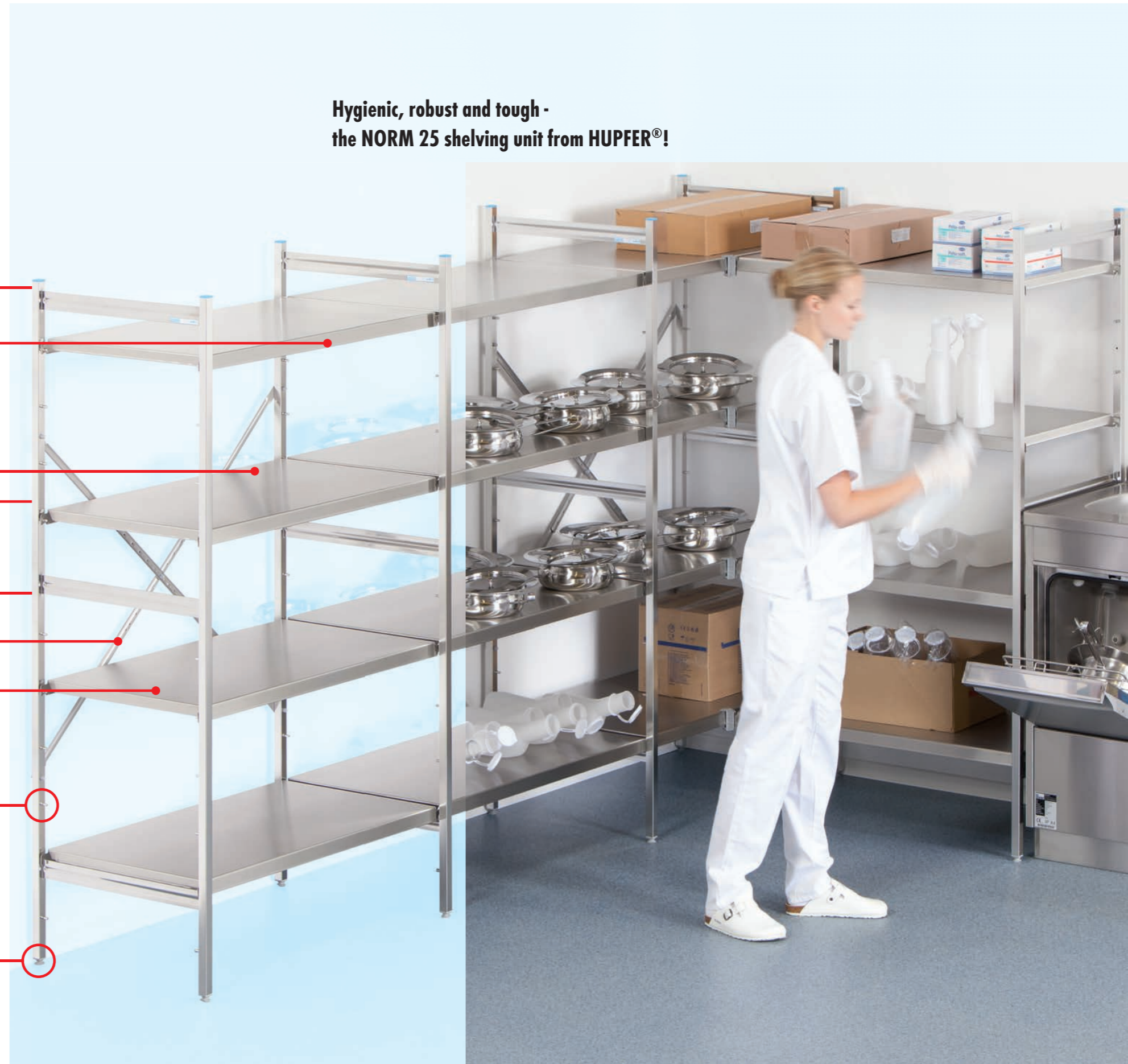
**Stable**

The screw feet which are height-adjustable as standard and are protected against total unscrewing can compensate for any floor unevenness of up to 25 mm. If required by the storage spaces concerned, the range of accessories also includes ceiling, floor and wall attachments.



**Detailed**

You can find all the technical details of this product range at [eng.hupfer.de/mtnorm25](http://eng.hupfer.de/mtnorm25) or use the QR code.



## **NORM 20** **aluminium shelving unit**



Linen and consumables are stored ready for use in a number of ways in many different working areas in hospitals, clinics and sterilisation operations. The Norm 20 aluminium shelf stand from HUPFER® can fulfil this role perfectly. This aluminium shelf stand is lightweight yet still has all of the essential characteristics of a sturdy shelving unit for everyday use in the working environment. Of course, hygiene and disinfectant resistance are in no way compromised.

**Lightweight and very useful -  
the NORM 20 shelving unit from HUPFER®!**

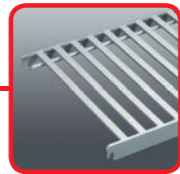
**Clean**  
Plastic end caps provide protection against dust.



**Flexible**  
Bracing bars for assembly in an open space, as an alternative to the cross-brace, for maximum access to the products being stored.



**Safe**  
Grating shelves and solid shelves made from aluminium are available.



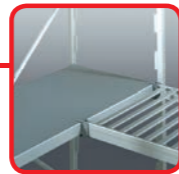
**Modifiable**  
The individual shelves can be positioned and replaced at any time without the use of tools, even when assembled - they can be tailored to suit the products being stored.



**Useful**  
The accessories range includes clip-on compartment plates for shelves with a depth of 500 mm and 600 mm.



**Extendable**  
90° cross-corner construction created using corner connecting clips without any additional shelf stands - to provide more capacity, open access to the storage surface and greater utilisation of space.



**Optimised**  
Barrier rails, specifically for use on ships, as well as side push-through protection for shelf stands stop stored goods from falling out.



**Helpful**  
This 300 mm tall floor stand which has a 200 kg load-bearing capacity is designed for heavy materials which must not come into contact with the floor.



**Moveable optional equipment**  
Certain types of shelving units are fitted with castors to allow easy movement of their standing position, e.g. for cleaning purposes.

**Stable**  
The screw feet which are height-adjustable as standard and are protected against total unscrewing can compensate for any floor unevenness of up to 25 mm. If required by the storage spaces concerned, the range of accessories also includes ceiling, floor and wall attachments.



**Detailed**  
You can find all the technical details of this product range at [eng.hupfer.de/mtnorm20](http://eng.hupfer.de/mtnorm20) or use the QR code.



## **NORM 12** **aluminium/polymer shelving unit**





Within the field of medicine, there are also storage situations in which it is particularly expedient to utilise a mixture of aluminium and plastic materials. The HUPFER® Norm 12 shelf stands are made of light-weight aluminium and the shelves are made from hard-wearing polystyrene. This makes this shelving unit particularly desirable e.g. for use in the storage of pharmacy products. The shock-resistant shelves offer one practical solution for providing a greater level of hygiene. These shelves can be removed very easily from the shelving unit without the use of tools and can be cleaned thoroughly and conveniently in washing facilities.

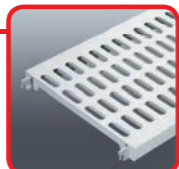

**A must for a whole range of storage situations -  
the NORM 12 shelving unit from HUPFER®!**

- Clean**



Plastic end caps provide protection against dust.



- Flexible**



Bracing bars as an alternative to cross braces, for maximum access to the stored items from all sides when the shelving is mounted away from the wall.



- Safe**



Solid polymer shelf and polymer slatted shelf made from individual segments of heavy-duty polystyrene.



- Modifiable**

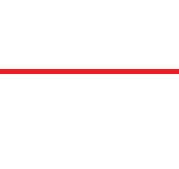

The individual shelves can be positioned and replaced at any time without the use of tools, even when assembled they can be tailored to suit the products being stored.



- Convenient**



The individual segments of the solid plastic shelf and the plastic grating shelf are placed simply onto the aluminium supporting struts.



- Hygienic**



The individual segments of the plastic shelves can be thoroughly cleaned in washing facilities - to ensure maximum levels of hygiene.



- Rigid**

Cross braces on every third shelf section ensure that the whole shelving unit is stable.



- Extendable**

90° cross-corner construction created using corner connecting clips without any additional shelf stands - to provide more capacity, open access to the storage surface and greater utilisation of space.



- Stable**

The screw feet which are height-adjustable as standard and are protected against total unscrewing can compensate for any floor unevenness of up to 25 mm. If required by the storage spaces concerned, the range of accessories also includes ceiling, floor and wall attachments.



- Moveable optional equipment**

Certain types of shelving units are fitted with castors to allow easy movement of their standing position, e.g. for cleaning purposes.



- Detailed**

You can find all the technical details of this product range at [eng.hupfer.de/mtnorm12](http://eng.hupfer.de/mtnorm12) or use the QR code.






## **NORM 28** shelving unit made from polished galvanised steel/polymer

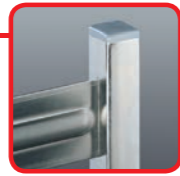


Regardless of whether the HUPFER® Norm 28 shelving unit is used in the ward linen store, for packaged goods or goods in boxes, it proves to be a sturdy and reliable aid in a variety of storage situations.

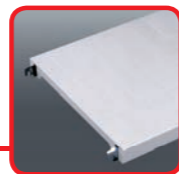
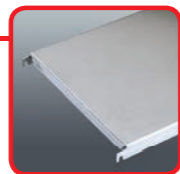
A broad range of equipment, such as the large number of different types of shelves, in a mixture of materials with plastic shelves, means that any given storage situation can be met in a highly specialised way.

**Ideal for day-to-day use -  
the NORM 28 shelving unit from HUPFER®!**

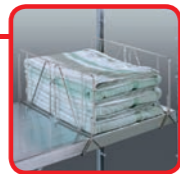
**Clean**  
Plastic upper end caps are used to hygienically seal the shelf stands. The flat section cross-connections are connected in a form-fitting manner to the stand struts by a state-of-the-art and patented method.



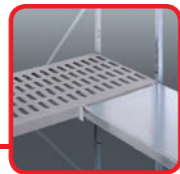
**Safe**  
Polished galvanised solid steel shelf. Solid plastic shelf and plastic grating shelf made from individual segments of hard-wearing polystyrene, the supporting struts themselves are made from aluminium.



**Useful**  
The accessories range includes easy clip-on compartment dividers for shelves with a depth of 500 mm and 600 mm.



**Flexible**  
All shelves can be height-adjusted, replaced or removed without the use of tools and without dismantling the shelving unit.



**Extendable**  
90° cross-corner construction created using corner connecting clips without any additional shelf stands - to provide more space and improved accessibility whilst reducing cost.



**Flexible**  
Shelf support studs spaced 150 mm apart permit optimised, variable placement.



**Stable**  
The screw feet which are height-adjustable as standard and are protected against total unscrewing can compensate for any floor unevenness of up to 25 mm. If required by the storage spaces concerned, the range of accessories also includes ceiling, floor and wall attachments.



**Detailed**  
You can find all the technical details of this product range at [eng.hupfer.de/mtnorm28](http://eng.hupfer.de/mtnorm28) or use the QR code.



## Stainless steel easy rider system



It is not always possible to simply increase the size of premises when storage capacity limits have been reached. Every square metre of space in a building also has to be used as effectively as possible. The easy rider system from HUPFER® provides the answer to this problem as there are no superfluous corridors between the shelving units. In this way, storage capacity can be increased by up to 100 % compared with a conventional shelf system - within the same space. Due care and attention is given to storing the wide variety of goods correctly as all current Norm shelving units can be used as frames for the easy rider system.



**Maximum use of storage areas -  
the sliding shelf unit from HUPFER®!**

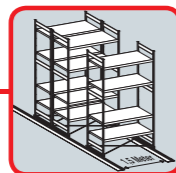
**Strong**  
The strong overall construction from stainless steel, high-quality components and a high level of manufacturing quality ensure reliable and long-term use - even under the most demanding conditions.



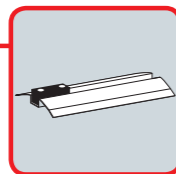
**Modifiable**  
The HUPFER® Norm 20, 12, 5 / Medidul, 25 and 28 shelving units can be used as frames for the easy rider system. Alternatively, the use of longwise connectors instead of cross-braces on the shelving unit frames enables free access to the stored products on both sides between the individual movable segments of the easy rider system. This ensures that every storage requirement can be met in the best possible way.



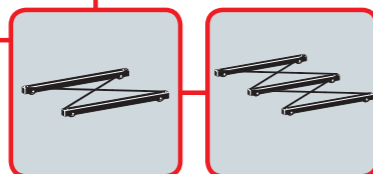
**Simple**  
Anyone can fit the shelf frames onto the roller chassis system. The rails do not need to be screwed to the floor.



**Securely mounted**  
The HUPFER® easy rider shelf system can be assembled with ease. The storage space must have a flat floor surface. The floor rails are simply placed on the floor and do not necessarily have to be screwed down. The end stops for securing the easy rider system are each fixedly connected to the rail ends.



**Rigid**  
Two roller chassis are connected by a universal cross-brace and form the main travel frame to provide optimum stability. By using another roller chassis and an additional universal cross-brace, the easy rider system can be extended by two sections to give a total length of 3 m.



**Detailed**  
You can find all the technical details of this product range at [eng.hupfer.de/mteasyrider](http://eng.hupfer.de/mteasyrider) or use the QR code.



## Stainless steel shelved transport trolleys RTWz



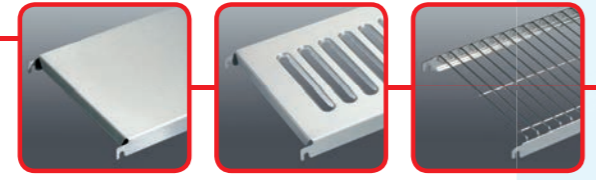
The shelved transport trolleys RTWz from HUPFER® combine two different logistics functions - storage and transportation - in one product. The trolleys ensure that large quantities of work materials can be taken directly to a work station where they are kept ready for use. This eases the workload considerably. Work processes are not interrupted as there are fewer additional packaging processes. The shelved transport trolleys thus improve convenience, efficiency and cost-effectiveness in working processes.

**Always flexible and ready to go -  
the shelved transport trolleys from HUPFER®!**

**Strong**  
The strong overall construction from stainless steel, high-quality components and a high level of manufacturing quality ensure reliable and long-term use - even under the most demanding conditions.



**Safe**  
The most varied storage requirements can be met thanks to solid shelves, perforated sheet metal shelves and wire grating shelves made from stainless steel.



**Flexible**  
All shelves can be adjusted in height, replaced or removed without dismantling the shelved transport trolley and without the need for tools.



**Manoeuvrable**  
The RTW models are fitted with four rustproof steering castors in galvanised-chromated housings, Ø 125 mm, two being lockable.



**Detailed**  
You can find all the technical details of this product range at [eng.hupfer.de/mtmobileshelving](http://eng.hupfer.de/mtmobileshelving) or use the QR code.



## Stainless steel wall-mounted shelving



The HUPFER® wall shelving unit creates additional placement and storage surfaces. This is of valuable assistance in many working areas as required working materials and equipment can be kept and stored within easy reach where there is not enough space on the floor for a conventional shelving unit. The available working surfaces are not reduced and the wall shelving unit thus supports the regular work flows. And should the working situation change, this is not a problem as the positions of the shelves on the adjustment rails can be adjusted without the use of tools.



Always within reach but never in the way -  
the wall shelving unit for HUPFER®!

**Strong**

The strong overall construction from stainless steel, high-quality components and a high level of manufacturing quality ensure reliable and long-term use - even under the most demanding conditions.



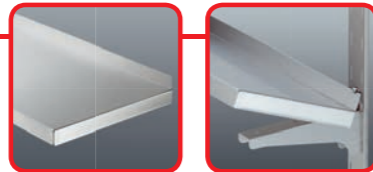
**Quick**

The position of the brackets on the adjustment rail can be changed, in 75 mm steps, quickly and without the need for tools.



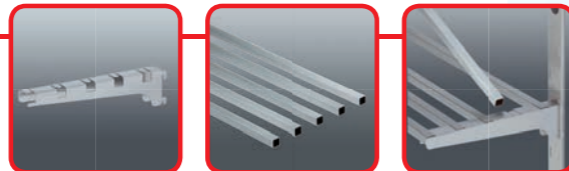
**Safe**

The shelves are simply inserted into the brackets, where the construction ensures that they are rigidly connected to prevent tilting and slipping. The wall-mounted shelves are chamfered, folded and welded and ground at the corners to prevent injury and to ensure hygiene is maintained during use.



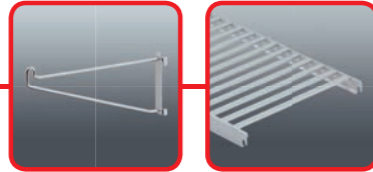
**Adaptable**

The tubular shelves can be ordered in different lengths. The width of the wall-mounted shelving can thus be adapted to suit the site. The brackets for tubular shelves are inserted into the rails. The brackets are then fitted with the individual tubes.



**Versatile**

Brackets for use with standardised shelves extend the range of usage options.



**Simple**

Brackets for mounting directly on the wall, without adjustment rails, complete the range.



**Rigid**

Elongate holes permit simple mounting of the adjustment rails on the wall. These screw fastenings are hygienically covered by plastic caps. For 2 shelves, 750 mm adjustment rails are available, and for 3 shelves 1200 mm rails are available.



**Detailed**

You can find all the technical details of this product range at [eng.hupfer.de/mtwallshelving](http://eng.hupfer.de/mtwallshelving) or use the QR code.



## Sterile goods logistics by the specialist - it's like having your very own task force!

Sterile goods logistics plays a key role in management tasks when economically handling sterile goods in hospitals, clinics or sterilisation facilities. HUPFER® is the specialist in sterile goods logistics and is committed to help you with this daily challenge - just like a task force in the field of sterile goods logistics. The HUPFER® shelving range makes a contribution to the logistics functions of storage, sorting and organisation. It is not just the individual components but rather the entire system which allows a sterile goods cycle to be formed, creating a complete process chain. HUPFER® offers an extensive and fully developed product range for all subareas of sterile goods logistics encompassing the logistics functions of sorting, packing, organisation, transportation, storage and distribution. This expertise makes HUPFER® the specialist in sterile goods logistics, as does the commitment to provide specialist advice on a daily basis, even on-site - just like a task force.



Hub 11/13 VA 11/13