



**BECKER**

# Storage, Transport and Preparation of Sterile Goods

**INFORMATION**

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**BECKER SYSTEMS for:**

- wards
- outpatient departments
- operating rooms
- treatment rooms
- sterilisation units

**BECKER**

## Becker Sterile Goods System

The Becker system for sterile goods continues our tradition of providing hospitals and clinics with practically everything they require in the way of steel furnishings and fittings.

A system for sterile goods is only worthy of its name if it satisfies all conceivable conditions and requirements in the workflow for sterilising goods and keeping them sterile. All components of the system are modular to provide a practical and logical means of transporting, preparing and storing sterile goods.

The Becker Sterile Goods System is designed as a universal system for use in the OR, in the central storeroom, on the wards and in outpatient departments, preparation areas and central sterilisation units. The system elements include shelf units, storage cabinets, shelves and tables, container transport trolleys and a wide range of accessories.

**All elements are guaranteed compliant with hygiene requirements, sturdy and strong, and easily combinable. They are practical time- and space-savers in all domains.**







**The Becker container storage system for sterile goods is the result of years of practical development. Our experience in handling and processing high-grade chrome nickel steel into top-end products for use in hospitals and clinics was an excellent foundation for this development work.**

Our system is based on a chrome nickel steel (CNS) wire tray with 1/4 pull-out and a support system with 4 plastic-covered CNS bolts. The bolts can be mounted at variable heights on support columns, side walls, sturdy stainless steel tubes or a combination of these. As a result, the system is extremely flexible and efficient.

It is also very practical and safe, owing to a design feature especially developed by Becker: the wire tray with 1/4 pull-out slides over the bolts on a rail. This rail is curved asymmetrically into a stirrup on each side. These stirrups prevent the tray from tipping by locking under the bolt no matter which way the tray is pulled out – even if the tray contains a heavy load.

The prime arguments for the Becker System, of course, are hygiene and ergonomics. The guide bolts are welded on in a special process which requires no additional openings. Optimum hygiene conditions are therefore met for the sterile zone.

The bolts and all other elements can be easily cleaned with “spray and wipe” cleaning and disinfecting methods. Naturally, the trays can be disinfected and sterilised in suitable systems.

The space available in the storage cabinets, shelf units and transport trolleys is used to a maximum, thanks to the Becker bolt system and the perfectly matched complete range of accessories. The working conditions in the sterile zone are greatly improved by the specially designed, ergonomic components of the Becker system, which ensures a smooth and efficient workflow.

To store a sterile goods container in the system, the user pulls out the wire tray by the length of the 1/4 pullout, places the container in the wire storage tray, and pushes the container back into the system. The wire tray then returns to its initial position automatically. Conversely, to remove a sterile goods container, he or she pulls out the container. The wire tray will come along with the container and allow him or her to lift the container by the handles. Both procedures, storage and removal, are simple and ergonomic!



**Outstanding features of the Becker Sterile Goods System: secure support for the containers, a space-saving configuration, and a design that creates ideal conditions for both hygiene and ergonomics.**

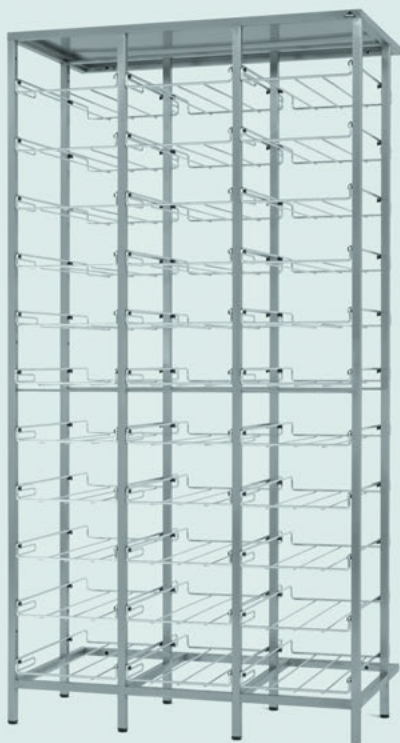
## BECKER Steel Furnishings



Becker steel furnishings are made of electrolytically galvanized and chromated high-grade steel (B model series) or chrome nickel steel AISI 304 (1.4301) with a 320-grain polished surface (V model series).

Furnishings from the B model series have a special fusion-applied powder coating that is extremely shock and scratch resistant and meets all the requirements for use in hospitals and clinics. The special powder coating is easy to clean and maintain, and stands up to all standard disinfectants.

**All Becker steel cabinets are sound absorbing and have a highly reinforced structure. They are protected against dust penetration and are the perfect choice for storage of sterile goods.**



### Storage shelf system

The Becker storage shelf system for sterile goods consists of a sturdy framework of chrome nickel steel square-section elements welded together without joints. The feet are height-adjustable. The 1/4 pull-out trays can be mounted in any configuration required. The system shelves are available in three widths and can be combined as required.

**Every hospital and clinic presents different working conditions. To promote optimal use of its sterile goods system and a smooth workflow, Becker offers cabinets with glass doors, pass-through cabinets and support elements at individual heights.**

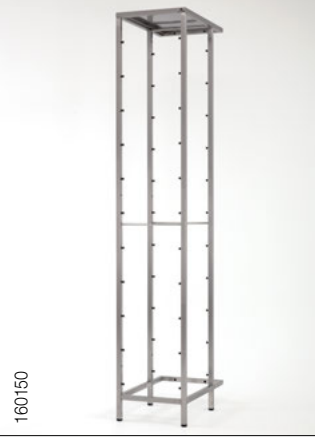
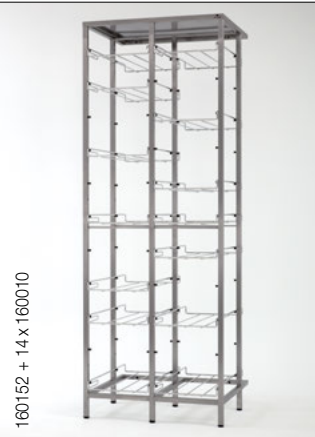


**System storage cabinets for sterile goods (1/4 pull-out)** from the B model series (powder-coated sheet steel) are manufactured from electrolytically galvanized, phosphated and chromated fine steel sheet; the surfaces are powder-coated. Choice of colours from the Becker Colour List. Furnishings in the V model series are manufactured from chrome nickel steel AISI 304 (1.4301) with a grain 320 polished surface. The technical cabinet details correspond to those in our information brochure BECKER Fitted Furnishings for Hospitals and Clinics. A base height of 100 mm is standard. Each door is furnished with a chrome nickel steel bridge handle. The support system holding the wire trays is made of chrome nickel steel AISI 304 (1.4301) and includes 4 horizontal bolts for each tray. The distance between each set of 4 bolts is 175 mm. One segment can hold maximal 11 x 1/2 StU containers. Please state how many wire trays you require. Support systems with variable mounting heights available on request.

ILLUSTRATION	DESIGNATION	ART. NO.
 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">BH200 67 040 2300L</p>	<p><b>System storage cabinet for sterile goods with 1 storage segment</b> for maximal 11 x 1/2 StU containers (w/o wire trays) [ 400 x 670 mm, height 2100 mm incl. base ]</p> <p>with 1 swinging door (Please state whether hinged at the left or right)</p> <ul style="list-style-type: none"> <li>■ Material cabinet: powder-coated sheet steel</li> <li>■ Material cabinet: chrome nickel steel</li> </ul> <p>with 1 glass swinging door mounted in the frame (Please state whether hinged at the left or right)</p> <ul style="list-style-type: none"> <li>■ Material cabinet: powder-coated sheet steel</li> <li>■ Material cabinet: chrome nickel steel</li> </ul>	<p>BH200 67 040 2300 VH200 67 040 2300</p> <p>BH200 67 040 2310 VH200 67 040 2310</p>
 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">BH200 67 075 2310</p>	<p><b>System storage cabinet for sterile goods with 2 storage segments</b> for maximal 22 x 1/2 StU containers (w/o wire trays) [ 750 x 670 mm, height 2100 mm incl. base ]</p> <p>with 2 swinging doors</p> <ul style="list-style-type: none"> <li>■ Material cabinet: powder-coated sheet steel</li> <li>■ Material cabinet: chrome nickel steel</li> </ul> <p>with 2 glass swinging doors mounted in the frame</p> <ul style="list-style-type: none"> <li>■ Material cabinet: powder-coated sheet steel</li> <li>■ Material cabinet: chrome nickel steel</li> </ul>	<p>BH200 67 075 2300 VH200 67 075 2300</p> <p>BH200 67 075 2310 VH200 67 075 2310</p>
 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">BH200 67 110 2300 with 23 wire trays</p>	<p><b>System storage cabinet for sterile goods with 3 storage segments</b> for maximal 33 x 1/2 StU containers (w/o wire trays) [ 1100 x 670 mm, height 2100 mm incl. base ]</p> <p>with 2 swinging doors</p> <ul style="list-style-type: none"> <li>■ Material cabinet: powder-coated sheet steel</li> <li>■ Material cabinet: chrome nickel steel</li> </ul> <p>with 2 glass swinging doors mounted in the frame</p> <ul style="list-style-type: none"> <li>■ Material cabinet: powder-coated sheet steel</li> <li>■ Material cabinet: chrome nickel steel</li> </ul>	<p>BH200 67 110 2300 VH200 67 110 2300</p> <p>BH200 67 110 2310 VH200 67 110 2310</p>
	<p><b>Wire storage tray with 1/4 pull-out</b> chrome nickel steel [ 326 x 600 mm, height 56 mm ] for storage of StU containers and baskets in cabinets, shelves and closed trolleys</p> <p><b>Identification plate</b> 58 mm long, chrome nickel steel, for insertion in wire trays</p>	<p>160010</p> <p>160030</p>

# System Shelf Units for Sterile Goods (1/4 Pull-out)



**System shelf units for sterile goods** made of chrome nickel steel square-section AISI 304 (1.4301) elements welded together without joints. Removable cover plate. The feet are height-adjustable. One segment can hold maximal 11 x ½ StU containers. Please state how many wire trays you require. Support systems with variable mounting heights available on request.

ILLUSTRATION	DESIGNATION	ART. NO.
 <p>160150</p>	<p><b>System shelf unit for sterile goods (1x)</b> for maximal 11 x ½ StU containers (w/o wire trays) [ 378 x 620 mm, height 2100 mm ]</p>	<p>160150</p>
 <p>160152 + 14 x 160010</p>	<p><b>System shelf unit for sterile goods (2x)</b> for maximal 22 x ½ StU containers (w/o wire trays) [ 731 x 620 mm, height 2100 mm ]</p>	<p>160152</p>
 <p>160154 + 33 x 160010</p>	<p><b>System shelf unit for sterile goods (3x)</b> for maximal 33 x ½ StU containers (w/o wire trays) [ 1084 x 620 mm, height 2100 mm ]</p>	<p>160154</p>
	<p><b>Wire storage tray with 1/4 pull-out</b> chrome nickel steel [ 326 x 600 mm, height 56 mm ] for storage of StU containers and baskets in cabinets, shelves and closed trolleys</p> <p><b>Identification plate</b> 58 mm long, chrome nickel steel, for insertion in wire trays</p>	<p>160010</p> <p>160030</p>



## Transport Trolleys for Sterile Goods



### 8 standard variants

Open or closed construction for 6 or 9 1-StU containers or baskets with system wire trays or removable shelves

Outstanding design features:

- chrome nickel steel, alloy AISI 304 (1.4301)
- sturdy CNS tubular frame
- 4 large, smooth-running swivel castors, electrically conductive with anti-thread mechanism
- incl. 2 swivel castors with brakes
- wall protection strips

For closed transport trolleys:

- double-walled sides, cover plate and doors
- 2 lockable swinging doors opening by 270°, can be fixated in the open position
- 2 push handles



## Preparation and Disposal

The product group "Preparation and Disposal" makes possible a wide variety of solutions to accommodate any operating room situation.





**Closed transport trolleys for sterile goods**, manufactured from chrome nickel steel, alloy AISI 304 (1.4301). Sturdy tubular frame enclosing a self-contained cabinet with double-walled sides, cover plate, and 2 lockable swinging doors that open 270° and can be fixated in the open position. Two push handles. Four swivel castors  $\varnothing$  125 mm, incl. 2 with brakes. Wall protection strips.

System transport trolleys for sterile goods with support system including wire trays with 1/4 pull-out (Art. No. 160010).

Transport trolleys for sterile goods with height-adjustable single-walled removable CNS shelves.

Not intended for automatic cleaning systems. Models suitable for automatic cleaning systems and different castors available on request.

ILLUSTRATION	DESIGNATION	ART. NO.
	<p><b>Closed system transport trolley for sterile goods with 2 storage segments</b> for maximal 12 x 1/2 StU containers, equipped with 10 wire storage trays for 8 x 1/2 StU and 2 x 1 StU containers [ 850 x 720 mm, height 1465 mm ]</p>	160210
	<p><b>Closed system transport trolley for sterile goods with 3 storage segments</b> for maximal 18 x 1/2 StU containers, equipped with 15 wire storage trays for 12 x 1/2 StU and 3 x 1 StU containers [ 1190 x 720 mm, height 1465 mm ]</p>	160215
	<p><b>Wire storage tray with 1/4 pull-out</b> chrome nickel steel [ 326 x 600 mm, height 56 mm ] for storage of StU containers and baskets in cabinets, shelves and closed trolleys</p>	160010
	<p><b>Identification plate</b> 58 mm long, chrome nickel steel, for insertion in wire trays</p>	160030
	<p><b>Closed transport trolley for sterile goods</b> with 2 removable shelves for storing max. 6 x 1 StU containers [ 850 x 720 mm, height 1465 mm ]</p>	160230
	<p><b>CNS shelf, single-walled, removable</b> for transport trolley 160230</p>	160231
	<p><b>Closed transport trolley for sterile goods</b> with 2 removable shelves for storing max. 9 x 1 StU containers [ 1190 x 720 mm, height 1465 mm ]</p>	160235
	<p><b>CNS shelf, single-walled, removable</b> for transport trolley 160235</p>	160236





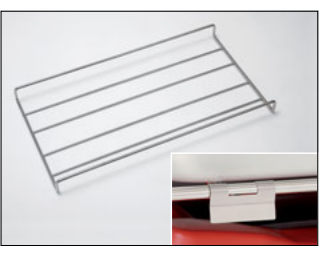


## Transport Trolleys for Sterile Goods (Open)

**Open transport trolleys for sterile goods**, manufactured from chrome nickel steel, alloy AISI 304 (1.4301). Sturdy tubular frame construction with cover plate. Four swivel castors  $\varnothing$  125 mm, incl. 2 with brakes. Wall protection strips.

System transport trolleys for sterile goods with support system including wire trays (Art. No. 160020).

Transport trolleys for sterile goods with welded chrome nickel steel shelves.


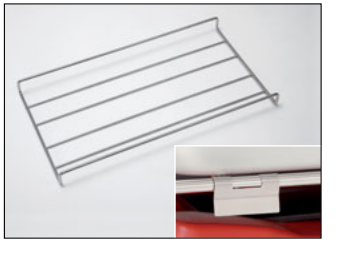



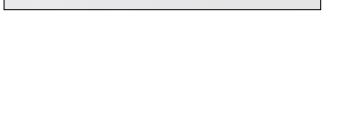
Model for automatic cleaning systems and different castors available on request.

ILLUSTRATION	DESIGNATION	ART. NO.
	<p><b>Open system transport trolley for sterile goods with 2 storage segments</b> for maximal 12 x 1/2 StU containers, equipped with 10 wire storage trays for 8 x 1/2 StU and 2 x 1 StU containers [ 820 x 700 mm, height 1310 mm ]</p>	160260
	<p><b>Open system transport trolley for sterile goods with 3 storage segments</b> for maximal 18 x 1/2 StU containers, equipped with 15 wire storage trays for 12 x 1/2 StU and 3 x 1 StU containers [ 1165 x 700 mm, height 1310 mm ]</p>	160265
	<p><b>Wire storage tray</b> chrome nickel steel [ 326 x 600 mm, height 56 mm ] for storing StU containers and baskets in open system transport trolleys for sterile goods/operation trolley</p>	160020
	<p><b>Identification plate</b> 58 mm long, chrome nickel steel, for insertion in wire trays</p>	160030
	<p><b>Open transport trolley for sterile goods</b> with 3 welded shelves for storing max. 6 x 1 StU containers [ 820 x 700 mm, height 1310 mm ]</p> <p>We can also mount the shelves in other positions depending on the wishes of the customer and/or the requirements of the individual equipment configuration.</p>	160280
	<p><b>Open transport trolley for sterile goods</b> with 3 welded shelves for storing max. 9 x 1 StU containers [ 1165 x 700 mm, height 1310 mm ]</p> <p>We can also mount the shelves in other positions depending on the wishes of the customer and/or the requirements of the individual equipment configuration.</p>	160285

## Sterile supply tables and disposal trolleys

All tables and trolleys in this group are manufactured of chrome nickel steel, alloy AISI 304 (1.4301). Sturdy tubular frame construction on 4 swivel castors  $\varnothing$  100 mm, incl. 2 with brakes. Bumpers.

Different castors available on request.

ILLUSTRATION	DESIGNATION	ART. NO.
	<p><b>Trolley for sterile goods/operation trolley</b> with support system consisting of 4 horizontal bolts placed at intervals of 87.5 mm and equipped with 8 wire trays (Art. No. 160020) for storing 4 x 1 StU containers and 4 container lids. Includes table top, and 1 fixed bottom shelf [ 780 x 650 mm, height 1210 mm ]</p>	160350
	<p><b>Wire storage tray</b> chrome nickel steel [ 326 x 600 mm, height 56 mm ] for storing StU containers and baskets in open system transport trolleys for sterile goods/operation trolley</p>	160020
	<p><b>Identification plate</b> 58 mm long, chrome nickel steel, for insertion in wire trays</p>	160030
	<p><b>Sterile goods preparation trolley</b> with table top and 1 fixed bottom shelf, incl. one tray for container lid [ 660 x 400 mm, height 850 mm ]</p>	160400
	<p><b>Sterile goods preparation trolley</b> with table top and fixed bottom shelf, incl. 2 wire trays for container lids [ 660 x 640 mm, height 850 mm ]</p>	160420
	<p><b>Sterile goods preparation trolley</b> with fixed bottom shelf, table top and pull-out gallery for sterile drapes, incl. 2 wire trays for container lids [ 660 x 660 mm, height 850/980 mm ]</p>	160425
	<p><b>Container disposal trolley</b> with upper shelf for storing containers, tray for container lids, and 1 fixed bottom shelf [ 660 x 380 mm, height 850 mm ]</p>	160440





Becker high-grade steel furniture and equipment have been in use in hospitals and medical centers for decades. Optimum use of available space is achieved through an extensive assortment of programs and sizes.

Special designs and individual choice of colours as well as custom-built systems offer the customer an enormous variety of options.

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