



SILOVO®: the compact bed chair

LiKAMED product portfolio

Introduction

LiKAMED

LiKAMED shares more than 25 years of a successful partnership and expertise with Fresenius Medical Care in the field of medical patient chairs and bed chairs. It is one of the leading providers of dialysis chairs in Europe and abroad. Both companies share a common vision of offering innovative products to improve the patient's quality of life. Products from LiKAMED aim to fulfill the the highest standards in terms of patient comfort, ergonomics, functionality and user safety. The medical patient chairs and bed chairs from LiKAMED have a strong international position in our NephroCare and customer clinics and are fully integrated into our Fresenius Medical Care logistics and technical service processes. LiKAMED products, with an associated technical service, allow Fresenius Medical Care to offer a better range of products and services from one single source, therefore strengthening our relationship with our customers, providing them with solutions and creating value.

LiKAMED company certifications

LiKAMED products are manufactured in Germany, tested according to applicable norms and additionally carry the TÜV product test mark. Through years of experience and rigorous quality controls, we stand together for highest quality made in Germany.

LiKAMED is certified

- QM certification in accordance with ISO 9001
- QM certification in accordance with EN ISO 13485
- Certified environmental management system in accordance with EN ISO 14001

Our partner:

LiKAMED GmbH

For the past 40 years, LiKAMED has been highly successful in the medical sector. The formula for success: design and quality. The idea: using this formula and many years of experience to develop innovative products for practical and convenient use. The claim: all products are developed, tested, manufactured and assembled by LiKAMED in-house specialists and are certified by the applicable ISO management systems. The promise: made by LiKAMED – made in Germany – focussed on design and quality.





SILOVO®

The compact bed chair

SILOVO is the perfect entrance into the world of LiKAMED bed chairs. Its flexibility in configuration and options allows almost every wish to be fulfilled. The compact design, which can be combined with many attachable options, makes the bed chair a perfect fit for dialysis treatment as well as other medical fields.

The back, seat and foot parts can be adjusted steplessly and can be adjusted for height. As a result, the patient can get in and out easily and the nurse has a perfect working height.

The optional fifth motor ensures that the patient can adjust the footrest by themselves. In case of emergency, the Trendelenburg position can be reached with the manual controller. The maximum safe working load is 230 kg.



Illustration shows equipment variant.

SILOVO® Bed? Chair?

Both!

Up to five drivers for easy and stepless adjustment of the bed chair

- Flexible armrests for every application
- Wide range of comfortable mattresses
- Central locking system with direction locking for quickly moving or locking the bed chair
- Side rail variants and sit up aid for patient support
- Equipotential bonding cable
- Safe working load 230 kg



High flexibility and functioning

Adjustment and positioning options

Set the bed chair to any desired position. The SILOVO can be configured to your exact requirements using four or five drives.

Flexibility with seat position, comfort and bed position

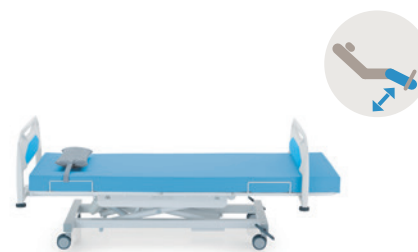
Stepless adjustable positioning of the back, seat and foot parts with three separate motors.



Seat position



Comfort position



Bed position

Height adjustment

Particularly for older patients, it is extremely important to be able to get into or out of the chair easily, which is why the additional motor for stepless adjustment of the height is so important. This also allows the chair to be moved into a specific working position, which is a great benefit for the nursing personnel.



Shock or Trendelenburg position

In an emergency, you can move your patient to the shock position or press a special button to move directly to the Trendelenburg position.



Shock position



Trendelenburg position

Ease of operation

All adjustments can be made quickly and easily with the intuitively designed hand switch. The symbols on the buttons are three-dimensional for operation by visually impaired people. The appropriate handset is supplied to the respective model based on the selected functions.

Comfort buttons

One of the most popular functions of LiKAMED chairs: after setting the optimal seat position, the patient can change the position quickly and easily with only one pair of buttons without changing the angles of the seat part, back part and foot part.

Special buttons

The coloured markings ensure that the most important functions are easily visible. Quick adjustment to the shock or Trendelenburg positions is particularly important in case of an emergency.



Locking function

The hand switch can be locked with the key on the back to prevent accidental movement.



Foot controller

In an emergency, the optional safe foot controller can be pressed twice to move the bed chair into the Trendelenburg position quickly and easily. At the same time, nursing personnel have their hands free for immediate action.



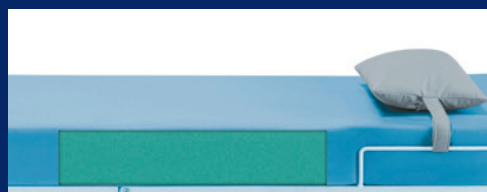
Comfort

The **SILOVO** offers a wide range of different mattresses, including the perfect selection for your applications. The removable cover made of light-blue PU material with zip fasteners on two sides is hygienic and allows a long service life.

Mattresses

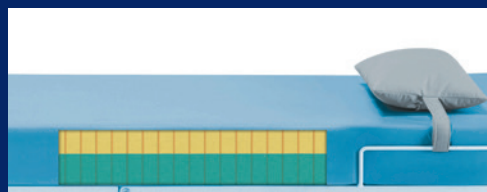
Universal

The foam mattress is ideal for universal application with many different patients.



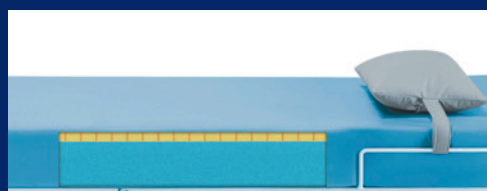
Visco foam

It is comfortable to sit and lie during long treatment periods with adaptive adjustment of hardness thanks to two-layer visco foam.



Robust

This offers even heavy patients weighing 175 kg or more comfort while sitting and lying. It is a stable mattress made of two-layer polyurethane foam.



Anti-decubitus

For decubitus patients, there is significant pressure relief due to the mattress's gel insert.



Anti-decubitus mattress

With its high resilience and good heat conductivity, the gel insert offers unique seating comfort and cooling properties. The unique material is soft and provides support for the body at the same time. It is particularly recommended for patients requiring extended treatments.



Relaxation is also in the head

The comfortable, generously sized removable relaxation pillow is recommended for optimal comfort in the bed chair.



Headrest with removable headboard

The headrest protects the patient's head area when lying down and is also used as a handle. It also protects the patient from sliding down the chair in the emergency position. The headrest can be easily removed in an emergency for quick and unhindered access to the patient.



Armrests

One or two flexible armrests provide a high degree of patient comfort and an ideal treatment position. The grey, full foam armrest pads are soft and easy to clean.



Rotatable, upwards folding and tiltable armrest

The folding armrest makes it easy for patients to get on the bed chair. The integrated rotation function makes the bed chair more comfortable when seated or lying down and also ideally positions the arm for dialysis treatment.



Additional height adjustment armrest

Best possible adjustment of position in all seated and lying positions. Greater comfort and flexibility for larger or smaller patients in particular.

Comfort

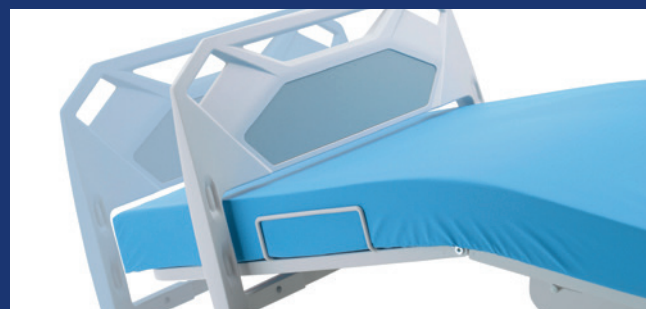
Footrests

The footrest supports a relaxed seat position and is recommended for specific applications, such as dialysis, in order to give patients the option of pressing their feet against the footrest to relieve cramping.



Manually adjustable footrest

Greater stability and comfort for patients, particularly during extended treatment times. Nursing personnel can adjust the footrest using the setting wheel on the side.



Electrically adjustable footrest

The patient can easily adjust the position of the footrest using the hand switch. This saves time for nursing personnel during the treatment period.

Protection and support

The side rails protect your patients from falling off the bed chair and eliminate the fear of falling. This feature contributes to patient safety, particularly for patients with dementia. The SILOVO can also be adjusted through its complete range to the seated position with all side rails in place without the danger of entrapping any part of the patient's body. The tiltable side rails can be lowered and allows patients with restricted mobility to get on or off the bed chair without assistance, allowing nursing personnel to continue with other duties.



Removable side rails

The two-part side rail can be used on both sides and can be removed if necessary using the easily accessible locking screws.



Tiltable side rails

The side rails can be easily lowered for quick entry or exit and thus adapt perfectly to changing situations. The two part side rails are available in versions for the left and right sides.

Mobility

Casters with central lock

Whether the bed chair is moved around often or is always in the same place, we have the right casters for every situation.



Casters Ø 10 cm with a central lock

Easy to move around and comfortable, with good shock absorption with 10 cm diameter casters. The integrated central locking greatly simplifies setup and adjustment of the bed chair, particularly in a confined space.

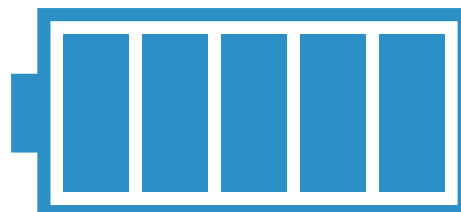


Casters Ø 12.5 cm with a central lock and direction locking

If the bed chair is moved frequently, a central lock for quick release and braking in combination with the 12.5 cm diameter caster is recommended. The direction locking fixes the direction of the bed chair, particularly over longer distance. This caster size also provides maximum floor clearance for accessories. The higher seating position makes work easier and more comfortable for nursing personnel.

Battery

Rechargeable battery so the bed chair can be operated in case of power outages in emergency situations. Use the chair adjustment options without a power supply.



Hygiene and cleaning

The different covers make cleaning simple and saves time for other purposes. You can fit covers over the seat part, the foot part and the bottom frame. The back part cover is part of standard equipment.

Jersey cover

For upholstery, relaxation pillow and armrests

The jersey covers for the SILOVO are colourful and comfortable. With their soft surface, the cotton jersey covers ensure a particularly pleasant lying comfort for your patients, can be changed quickly and, thanks to a wide range of colours, fit perfectly into your colour scheme.



Coated stretch cover

The white mattress cover, with a coated surface and the jersey side sections, is water repellent and is used primarily for incontinent patients or patients with allergies to house dust.



Transparent protective covers for the armrests

Protect the armrest pads and make them particularly easy to clean.

Fast cleaning

Surface which is easy to clean and disinfect.



Accessories



Sit up aid including handle and optional infusion bag holder



LED reading lamp (connected to the bed chair's control system)



Wedge-shaped arm pillow and low wedge-shaped arm pillow with PU cover in grey



Standard rails



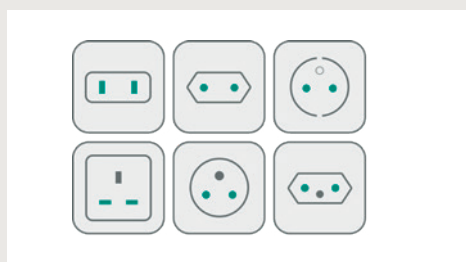
Extension adapter for LED reading lamps (only available in conjunction with LED reading lamp)



Special colours for the footrest/headrest inlay



Without a footrest (SILOVO A4 CA)



Other power plugs on request*

* Only available for new orders, not for retrofits.

Fresenius Medical Care packages for SILOVO

The SILOVO A4 CA

Four motors for the adjustment of the back, foot and seat parts and height adjustment, plus central locking casters. Power rating 100–240 V AC, 50/60 HZ, EU power plug. (TMD000651)

The SILOVO A5 CA

Five motors for adjustment of the back, foot and seat parts, height adjustment and footrest, plus central locking casters. Power rating 100–240 V AC, 50/60 HZ, EU power plug. (TMD000671)

The packages for SILOVO always include



Footrest adjustable

(manually: SILOVO A4 CA –
electrically: SILOVO A5 CA)

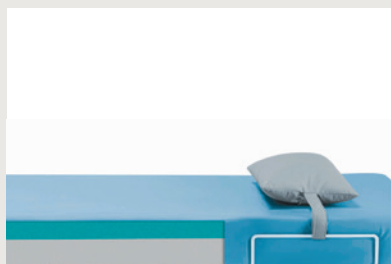


Central locking casters

Ø 10 cm (SILOVO A4 CA/
SILOVO A5 CA)



Smooth surface easy to clean and disinfect



Mattress (foam) with PU cover in light blue



Footrest and headboard inlay in standard colour (see colour chart)



Equipotential bonding cable

Available packages

SILOVO Basic packages

(only available for the SILOVO A4 CA bed chair (TMD000651))

- Manual footrest with grey standard decor
- Standard foam mattress with PU cover in colour light blue



SILOVO Value packages

(only available for the SILOVO A5 CA bed chair (TMD000671))

- Visco foam mattress with PU cover in light blue
- Bed frame hand switch holder
- Low, wedge-shaped arm pillow in grey



SILOVO Premium packages

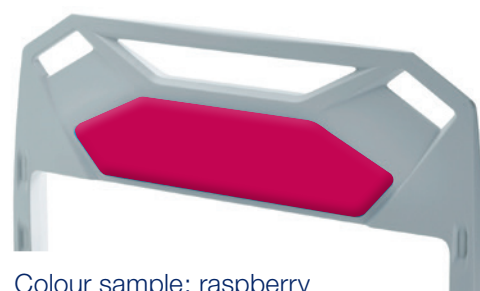
(only available for the SILOVO A5 CA bed chair (TMD000671))

- Visco foam mattress with PU cover in light blue
- SILOVO removable headrest
- SILOVO imitation leather decor (standard colour: azure)
- Patient sit up aid, including handle
- Bed frame hand switch holder



Colours footrest/headboard inlay

Standard colours for the footrest/headboard inlay



Colour sample: raspberry

Additional special colours for the footrest/headboard inlay



* For printing reasons, it is possible that there might be slight differences in colour between the brochure and the actual product.
If you are interested, please request your personal colour sample.

DT 1 and ST 1 side tables

Features

- Single-handed, spring-supported height adjustment
- Removable tabletop with finger hollow
- Tilttable tray (DT 1 model only)
- Detachable plastic storage box
- Holder, e.g. for bags
- Strong metal frame construction
- Plastic-coated subframe with excellent durability, protection against corrosion and abrasion



DT 1 side table, tiltable tray incl. storage box



ST 1 side table, fixed tray incl. storage box

Options



Holder for monitor, etc.,
Ø 16 mm incl. clamping
screw (DT 1 and ST 1)*



Holder for monitor, etc.,
Ø 16 mm incl. clamping
screw (ST 1 only)*



Lid for storage box,
dark grey



Container/bottle holder

Model	DT 1 and ST 1
Height	84–98 cm (adjustable)
Area required	42 × 66 cm
Casters	Ø 5 cm
Storage box:	1
- Capacity	6 l
- Dimensions	appr. 17 × 27 × 15 cm
- Colour	Light grey RAL 7047
Tray:	2
- Size	40 × 53 cm (removable)
- Small, trapezoidal	40/30 × 18 cm (fixed)
- Colour	Light grey RAL 7047
Colour of frame	Light grey RAL 7047
Maximum load	25 kg
Weight	17 kg

- Flat large tray, not removable, fixed to the frame (ST 1 only)

* Only available for new orders, not for retrofits.

Technical specifications

Dialysis bed chairs



Technical data	SILOVO A4 CA	SILOVO A5 CA
Armrest(s) length × width	60 cm × 13.5 cm	60 cm × 13.5 cm
Mattress length × width × height	220 cm × 79 cm × 11 cm	220 cm × 79 cm × 11 cm
Total length (max.) × width (without options)	232 cm × 95 cm	232 cm × 95 cm
Seating height	54 cm to 79 cm	54 cm to 79 cm
Angle of inclination		
- Back/seat/foot part	0° to 70°/0° to 15°/-15° to 15°	0° to 70°/0° to 15°/-15° to 15°
- in shock position (back section horizontal)	15°	15°
- in Trendelenburg position	15°	15°
Mattress material	UV-proof, impermeable to moisture, checked for biocompatibility and toxicity, flame retardant	UV-proof, impermeable to moisture, checked for biocompatibility and toxicity, flame retardant
Colour covers and metal frame	Light grey RAL 7047	Light grey RAL 7047
Mattress colour	Light blue	Light blue
Armrest(s) colour	Grey	Grey
Casters		
- Central locking Ø 10 cm	●	●
- Central locking Ø 12.5 cm	○	○
Motorised adjustment of		
- Back part	●	●
- Seat part	●	●
- Foot part	●	●
- Height adjustment	●	●
- Footrest	-	●
Battery	○	○
Equipotential bonding	●	●
Power rating, primary	100–240 V AC, 50/60 Hz	100–240 V AC, 50/60 Hz
Power rating, secondary	29 V	29 V
Fuses	internal	internal
Protection type hand control unit	IP X6	IP X6
Protection class/type controller	II/IP X4	II/IP X4
Duty cycle	Two min. ON/18 mins. OFF or 10 % with max. five switching cycles per minute	
Consumption in standby	approx. 2 W	approx. 2 W
El. equipment/EMC	DIN EN 60601-1, 60601-1-2	DIN EN 60601-1, 60601-1-2
Spiral power cable	2.0 m to 3.5 m	2.0 m to 3.5 m
Permitted air pressure	800 to 1060 hPA	800 to 1060 hPA
Ambient temperature	10° to 40 °C	10° to 40 °C
Emission sound pressure level	< 65 db(A)	< 65 db(A)
Medical device class	I	I
Application parts type	B	B
Safe working load	230 kg	230 kg
Weight (without options)	135 kg	135 kg
Guarantee	Two years	Two years

● = Standard ○ = Option

Specifications may vary in conjunction with options

Subject to technical alterations, improvements and errors.

Article numbers

SILOVO Dialysis Bed Chairs

TMD000651	LiKAMED – SILOVO A4 CA central locking with EU power plug line, equipotential bonding cable, four motors for electrically adjustment of back-, foot-, seat part and height adjustment, central locking casters 10.0 cm diameter, Trendelenburg position, NO footrest, NO mattress, NO headrest
TMD000671	LiKAMED – SILOVO A5 CA central locking with EU power plug line, equipotential bonding cable, five motors for electrically adjustment of back-, foot-, seat part, height adjustment and footrest with standard decor in grey, central locking casters 10.0 cm diameter, Trendelenburg position, NO mattress, NO headrest

Fresenius Medical Care packages for SILOVO

H260761	SILOVO A4 Basic package (only available for the Silovo A4 CA bed chair (TMD000651)) with Silovo A4 manual footrest with grey standard decor (F00010307) and Silovo standard foam mattress with a PU cover in light blue (F00010310)
5073541	SILOVO A5 Value package (only available for the Silovo A5 CA bed chair (TMD000671)) with Silovo Visco foam mattress with PU cover in light blue (H260751), bed frame hand switch holder (H260851), low wedge-shaped arm pillow in grey (H260891)
H260771	SILOVO A5 Premium package (only available for the Silovo A5 CA bed chair (TMD000671)) with Silovo Visco foam mattress with PU cover in light blue (H260751), Silovo removable headrest (F00010308), Silovo imitation leather decor (standard colour azure) (F00010309), patient sit up aid incl. handle (5068671), bed frame hand switch holder (H260851)

SILOVO upholstery and pillow options

F00010310	LiKAMED SILOVO standard foam mattress with PU cover in light blue (part of the Basic package)
H260751	LiKAMED SILOVO Visco foam mattress with PU cover in light blue (part of the Value and Premium package)
H260781	LiKAMED SILOVO foam mattress for patients > 175kg, PU cover in light blue
5074821	LiKAMED SILOVO Anti-Decubitus mattress with PU cover in light blue
H260871	LiKAMED bed relaxation pillow with PU cover in grey
H260461	LiKAMED bed wedge-shaped arm pillow with PU cover in grey
H260891	LiKAMED bed low wedge-shaped pillow with PU cover in grey (part of the Value package)

SILOVO foot, arm and head rest options

F00010307	LiKAMED Silovo A4 manual footrest with standard decor in grey (only available for the Silovo A4 CA bed chair (TMD000651)) (part of the Basic package)
F00010308	LiKAMED Silovo removable headrest with standard decor in grey (part of the Premium package)
F00010309	LiKAMED Silovo imitation leather decor for the headrest and footrest (in standard colour azure) (part of the Premium package)
H260811	LiKAMED Silovo grey armrest, left (left side from the patient's point of view)
5073671	LiKAMED Silovo grey armrest, height adjustable, left (left side from the patient's point of view)
H260681	LiKAMED bed side rail, removable (two parts) (one side)
5074221	LiKAMED bed left side rail, foldable (two parts) (one side) (left side from the patient's point of view)
H260821	LiKAMED bed equipment rail/metal bar (two parts) (one side)
H260801	LiKAMED Silovo grey armrest, right (right side from the patient's point of view)
5073661	LiKAMED Silovo grey armrest, height adjustable, right (right side from the patient's point of view)
H260681	LiKAMED bed side rail, removable (two parts) (one side)
5074231	LiKAMED bed side rail, foldable (two parts) (one side) (right side from the patient's point of view)
H260821	LiKAMED bed equipment rail/metal bar (two parts) (one side)



Further optional equipment

H260201	LiKAMED Silovo rechargeable battery
H260741	LiKAMED direction locking bed casters 12.5 cm
5068671	LiKAMED bed patient sit up aid incl. handle (only available in conjunction with removable headrest (F00010308)) (part of the Premium package)
H260831	LiKAMED bed infusion bag holder (only available in conjunction with bed patient sit up aid incl. handle (5068671))
F00008640	LiKAMED Silovo foot control for the Trendelenburg position
5078091	LiKAMED Silovo LED reading lamp
H260971	LiKAMED extension adapter for the LED lamp
H260851	LiKAMED bed frame hand switch holder (part of the Value and Premium package)
H260861	LiKAMED hand switch holder velcro in grey for armrests

SILOVO colour options

F00008651	LiKAMED SILOVO footrest and headboard inlay in standard colour Azure
5074621	LiKAMED SILOVO footrest and headboard inlay in standard colour Saffron
5073581	LiKAMED SILOVO footrest and headboard inlay in standard colour Agave
5073591	LiKAMED SILOVO footrest and headboard inlay in standard colour Sapphire
5073561	LiKAMED SILOVO footrest and headboard inlay in standard colour Stone
5073571	LiKAMED SILOVO footrest and headboard inlay in standard colour Raspberry
5074651	LiKAMED SILOVO footrest and headboard inlay in standard colour Kiwi
F00009018	LiKAMED SILOVO footrest and headboard inlay in special colour Pastel blue
F00009009	LiKAMED SILOVO footrest and headboard inlay in special colour Cream
F00009011	LiKAMED SILOVO footrest and headboard inlay in special colour Orange
F00009013	LiKAMED SILOVO footrest and headboard inlay in special colour Lime
F00009008	LiKAMED SILOVO footrest and headboard inlay in special colour White
F00009010	LiKAMED SILOVO footrest and headboard inlay in special colour Lemon
F00009012	LiKAMED SILOVO footrest and headboard inlay in special colour Red
F00009014	LiKAMED SILOVO footrest and headboard inlay in special colour Chestnut

SILOVO cover options

F00009340	LiKAMED stretch cover for the mattress, washable, in white (upper side coated / side parts jersey)
H260981	LiKAMED bed jersey stretch cover for mattress
H260311	LiKAMED transparent cover for armrests (one piece)
H260991	LiKAMED jersey stretch cover for armrests (one piece)
H261001	LiKAMED bed jersey stretch cover for relaxation pillow

LiKAMED side tables and options

6296881	LiKAMED – ST 1 side table, fixed tray (incl. storage box)
6296891	LiKAMED – DT 1 side table, tiltable top (incl. storage box)
H260491	LiKAMED DT1 / ST1 bottle holder, integrated in the fixed small tray
5074881	LiKAMED ST1 flat large tray, not removable, fixed to the frame
5074891	LiKAMED ST1 holder for a monitor, etc., fixed to the large tray frame
5074901	LiKAMED DT1 / ST1 holder for a monitor, etc., fixed to the small tray frame
5074911	LiKAMED DT1 / ST1 lid for a storage box, dark grey

Manufacturer:

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