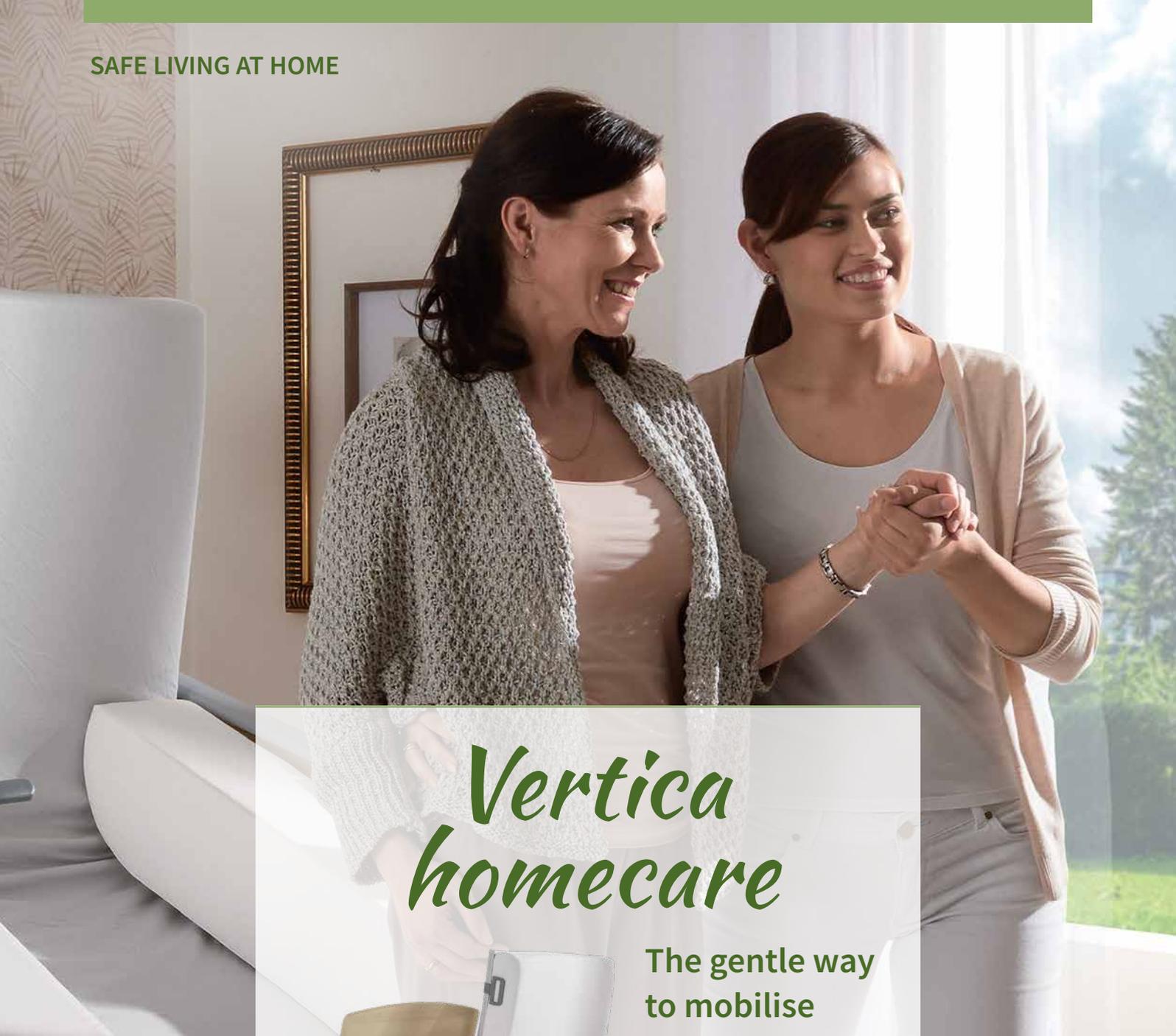


SAFE LIVING AT HOME



Vertica homecare

The gentle way
to mobilise



Care
equipment no.
50.45.01.4002
Equipment no.
19.40.01.8002

Strong advantages

- Genuine sitting position for everyday living at eye level
- Safe operation of the stand-up and sit-up positions with a carers' handset
- Significant lightening of the workload for carers during the mobilisation process
- Occupants learn, for instance, how to stand up again after a fall



The stand-up function allows occupants to take their first steps again effortlessly.



The bed for
engaging with
others at eye level



Contents

- 6 The Vertica homecare
- 8 Mobilisation in older age
- 10 The sitting position
- 12 Support for carers
- 14 Mobilisation explained
- 15 Accessories
- 16 Equipment and options
- 18 The Stiegmeyer-Group

Reclining



Protection and comfort

- The bed's lying position satisfies all the requirements of a modern care bed
- MultiFlex 2/3 safety side
- Height adjustment range 40 - 80 cm

Sitting



Benefits for your health

- Backrest and lower leg rest adjustments of up to 90°
- Activates supporting muscles
- Prevents thrombosis, pressure ulcers and pulmonary aspiration

Standing up



Safe mobilisation

- Sitting and standing-up positions can be set on separate carers' handset
- Mobilisation aids at the sides with handles
- Optional footrests



The Vertica homecare mobilisation bed also perfectly fulfils the purpose of a normal care bed.



The stand-up function allows occupants to take their first steps again effortlessly.

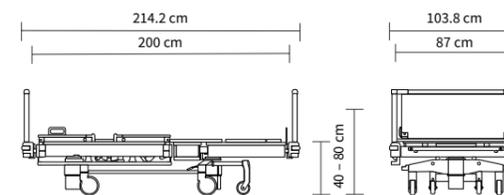
Vertica homecare

Support for better health

Bed rest is generally considered the key to recovery and well-being. When people in need of care are mostly confined to a supine position, however, physical and psychological problems often develop very quickly. **Regular sitting and walking** would do the occupants good - but the strenuous process of sitting up each time is exhausting for the occupants themselves and the relatives who are caring for them. The Vertica homecare mobilisation bed solves these problems with its innovative concept. The bed itself is designed to bring people **gently and painlessly** into an ergonomic sitting position.

Being confined to bed saps people's energy. Even if young people stay in bed with a cold, a medical rule says that: For every day spent in bed, **3 days of exercise** are needed to regain their original energy level. Elderly people suffer even more from being immobile. The health risks increase after only a few days of constantly lying down. Muscles degenerate and cardiac output and breathing are reduced. The risk of pneumonia, thrombosis or pressure ulcers increases. By **mobilising occupants early on**, however, it is possible to maintain their quality of life.

External dimensions/height adjustment range:



Special features:



Strong advantages

- In the sitting position, the occupant is able to take part in everyday life again on an equal footing with others
- Sitting and standing positions are controlled with a separate handset
- Mobilisation from a stand-up position is considerably easier for caring relatives



▲ The MultiFlex 2/3 safety side is easy to operate.



▲ Optional side support cushions used as armrests offer additional stability.



▲ The optional fold-down footboard enhances the quality of day-to-day life.



▲ The fold-down footboard can also be used as a table for meals or for drinks.



Mobilisation in older age

Regaining confidence



Being bedridden is usually the result of a lengthy process of increasing unsteadiness. This process is brought on much more quickly, however, by crucial experiences such as falls. These experiences make occupants more fearful and result in them holding back. Gently encouraging people in need of care to be more mobile with the Vertica homecare bed gives them back a **sense of security**. The smoothly gliding motion of the bed feels comfortable and natural. Occupants are protected by safety sides, optional upholstered panels at the side, and footrests, giving them a sense of orientation in the room.

The Vertica homecare is ideal for enabling elderly people to **participate in everyday life** again. The same is true for younger people, too, who use the bed to alleviate the restrictions placed on them by multiple sclerosis or paralysis. In the course of rehabilitation measures, such as after a stroke, the Vertica helps people to get back on their feet again.

Mobilising bedridden persons is often physically demanding for relatives and carers. The Vertica homecare **provides lasting support** for them. By preventing back injuries and sustaining their health and motivation, they avoid running up expenses for sick leave and treatment.

Strong advantages

- Effortless transfer to a wheelchair or transport chair
- Greater mobility and well-being in everyday life
- More enjoyable mealtimes
- Fewer painkillers and sedatives



Ideal positioning of the occupant

Sitting position

Participating in life at eye level with other people

The **sitting position** offered by the Vertica homecare goes far beyond the adjustment options found in even the best conventional care beds. The bed can be transformed into an armchair, while the backrest and lower leg rest take on an angle of up to 90° to the seating surface. This creates a genuine sitting posture that the occupant can adopt for long periods at a time, as the back, hips and knees are ideally positioned. The **supporting muscles** are activated, while the muscles used for moving are poised for movement rather than getting cramp. Eating and drinking is much easier in this posture. It also reduces the danger of pulmonary aspiration.

Eating breakfast or having a congenial drink of coffee sitting in the Vertica homecare certainly improves the **quality of life**. In the sitting position, the footboard can optionally be folded down for use as a practical table for mealtimes or for therapeutic use. Getting together with friends and family is so much easier as a result.

In the Vertica homecare, occupants no longer need to get used to everyone looking down on them. They take part in everyday life **at eye level** and on an equal footing with the people they are talking to. The psychological benefits of this change are considerable and contribute to maintaining cognitive skills.

Strong advantages

- Sitting position at the touch of a button
- Facilitates participation in social life
- Health-promoting activation of the musculature



▲ Basic care is a lot easier for the recipient and the carer in a sitting position.



Physical relief during mobilisation

▲ Transferring the occupant to an armchair or a transport chair is made considerably easier for carers with the Vertica homecare.



Support for carers

It takes practice and strength to raise immobile occupants into an upright position in bed and transfer them, for example, to a wheelchair. Even experienced carers, who have mastered the right techniques, can be pushed to their limits. The Vertica homecare takes almost the entire weight off **carers and caring relatives**.

In the standing-up position of the bed, occupants overcome their centre of gravity with very little strength and easily adopt a standing posture. The adjustable handles on the mobilisation supports are close to the body and give occupants the necessary security when changing position. The physical strain for carers is considerably reduced.

The sit-up and stand-up function is easy to activate by simply pressing a button on a **separate handset**. This ensures that occupants do not trigger this adjustment inadvertently while adjusting the bed with the main handset. When occupants are sitting up, many tasks, such as serving meals or carrying out tactile therapies, become easier for carers.

Family carers and professional care staff **avoid straining** their backs and joints thanks to using the Vertica homecare. Injury-related absences from work and expenses for treatment are reduced as a result. At the same time, carers sustain their **motivation** and stay positive in their interaction with occupants. It also leaves more time for talking and socialising.

Preventing health risks

Vertica homecare not only mobilises the occupant but can also be effortlessly moved itself. Due to its short wheelbase, it is **highly manoeuvrable** and can easily be moved within the home.





The ergonomic handles provide a firm hold during the standing up process.



The optional fold-down footboard provides improved comfort and can be used as a table or linen holder.

Mobilisation

explained



Adjusting the Vertica homecare to a sitting position or back to a lying position requires only the touch of a button on a **separate handset**. The main handset with its **easy-to-understand pictograms** can be used in the accustomed way to carry out normal adjustments to the bed. It controls the bed, for example, through an adjustment height range of 40 to 80 cm.



The Vertica homecare, with its **sturdy mobilisation supports**, helps occupants adopt an upright posture. The integrated handles provide additional support. The optional **footrests** activate the **proprioceptors** in occupants' muscles and joints and give them reliable feedback on their location within the room. The footrests are easy to attach and can simply be stowed away under the backrest.

- ▲ The carers' handset (top) and standard handset (bottom) are kept within reach on the safety side.



- ▲ Optional footrests promote the occupant's spatial and body awareness.



- ▲ When they are not needed, the footrests can be stowed away under the backrest.

Accessories

Creating your ideal bed with Vertica homecare



With high-quality accessories from Burmeier, the Vertica homecare can be adapted even more closely to individual requirements. The **adaptable footboard** makes everyday life easier since it can also be used as a table and a practical linen holder.

Tall occupants enjoy the extra 15 cm of space afforded by the **bed extension** provided as standard. Burmeier has just the right sized **extension piece** for extending the mattress base, and also a mattress piece for extending the mattress.

The **mattress** for the Vertica homecare is tailored precisely to fit in with the mattress base adjustment options. **Footrests** promote mobilisation by providing additional support and a comfortable and secure feeling when sitting up.

- ▲ The tailor-made viscoelastic cold foam mattress supports pressure ulcer prevention.



- ▲ The optional fold-down footboard can be used as a linen holder.



- ▲ An extension piece is available for using the bed extension.



- ▲ A suitable mattress extension piece is offered to extend the mattress.

Equipment and options

	Vertica homecare
Safety sides	
MultiFlex 2/3	✓
Headboards and footboards	
Lindberg Oak decor (standard decor)	✓
Footboard folds down as table	0
Basic colour	
Argentum	✓
Drives	
Fully electric	✓
Battery (not for sit-up and stand-up function)	✓
Mattress base	
Polypropylene hygiene mattress base for belt system	✓
Bed extension 15 cm	✓
Wall deflection rollers	
4 standard, all sides	✓
Castors	
Integral castor, 125 mm	✓
Conductive castor coating	
1 castor (directional wheel)	✓
2 castors (including directional wheel)	0
4 castors	0
Brake pedal	
Cast iron	✓
Control units	
Handset with locking function	✓
Vertica handset	✓
Electronic features	
Under bed light	0
Brake signal	✓
Additional features	
Parking position for footrest (14 cm)	✓
Control unit cover	✓
Integrated bed extension	✓
Accessories	
Fold-down footboard for use as table and linen holder	0
Footrests	0
Special mattress with cut-out sections	0
Side support cushions as armrests	0
Mattress base extension piece	0
Mattress piece for extending the mattress	0

Decor



✓ = standard feature
 0 = available as an option
 - = not available

Technical data

	Vertica homecare
Dimensions and weights	
Overall dimensions	103.8 x 214.2 cm
Mattress base (mattress dimensions)	87 x 200 cm
Mattress base division (back/seat/thigh/lower leg)	83.3/20.6/43.5/49.3 cm
Length compensation for backrest (will be reduced further for sitting and standing position)	approx. 10 cm
Safe working load	225 kg
Maximum lifting capacity	250 kg
Maximum weight of occupant	185 – 210 kg
Ground clearance	approx. 14.5 cm
Total weight	approx. 175 kg
Protection height of safety sides	approx. 41.5 cm
Adjustment ranges	
Tilting to reverse-Trendelenburg position	approx. 16°
Mattress base height	approx. 40 – 80 cm
Time taken for automatic height adjustment	approx. 30 sec.
Backrest angle	to approx. 70° to approx. 85° (in the stand-up function, including CPR release on both sides)
Thigh rest angle	to approx. 30°
Fowler position	to approx. 15°

Safety standards

- **EN 14971** Risk analysis for medical devices
- **EN 60601-1** Medical electrical equipment, general requirements for safety
- **EN 60601-1-2** Electromagnetic compatibility
- **EN 60601-1-6** Medical electrical equipment: Suitability for intended use
- **EN 60601-2-52** Particular requirements for the safety and essential performance of medical beds

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Custodians of values
Shapers of the future



STIEGELMEYERGROUP

Custodians of values

Our company was founded in Herford in 1900 and is still a family-run enterprise today. Respect and a sense of responsibility towards our customers, employees and partners form the basis for our day-to-day work. Based on these values and our many years of experience, we offer our customers all over the world high-quality products, solutions and services to meet the needs of the care and healthcare sectors.

Shapers of the future

In order to cope with rapid changes in the care and healthcare sectors, we develop all our products ourselves. Creating innovations and visions of what care will be like in future are the goals we pursue. We maintain regular contact with our customers in order to support them in their daily tasks. Implementing tomorrow's trends today is a successful tradition of ours.

Our expertise

- Hospital
- Nursing home
- Homecare
- Lifestyle beds
- Furniture systems
- Service

The Stieglmeyer-Group is your international partner for hospitals and care facilities and, with the Burmeier brand, also for caring in the home. We support our customers with practice-oriented products, solutions and services that we are constantly developing further.

- Founded in 1900 and still family managed
- Over 1,100 employees worldwide
- All core products manufactured in proprietary factories
- Product development and production in Germany
- Service, training and process optimisation at customer's premises
- International certification and export to more than 60 countries
- Distribution companies located in Belgium, Finland, France, Netherlands, Poland and South Africa

Our brands





Burmeier GmbH & Co. KG

Pivitsheider Straße 270
32791 Lage
Phone +49 (0) 5232 9841 - 0
Fax +49 (0) 5232 9841 - 41
info@burmeier.com
www.burmeier.com

A Stieglmeyer-Group company

STIEGELMEYERGROUP

Hauptsitz / Headquarters

Deutschland / Germany

Stieglmeyer GmbH & Co. KG

Ackerstraße 42
32051 Herford
Phone +49 (0) 5221 185 - 0
Fax +49 (0) 5221 185 - 252
info@stieglmeyer.com
www.stieglmeyer.com

France

Stieglmeyer SAS

8 Allée des Chevreuils
69380 Lissieu
Phone +33 (0) 4 7238 - 5336
Fax +33 (0) 4 7238 - 5481
contact@stieglmeyer.fr
www.stieglmeyer.fr

South Africa

Stieglmeyer Africa (PTY) Ltd

The Estuaries · Century City
Cape Town, 7441
Phone +27 (0) 21 555 - 1415
Fax +27 (0) 21 555 - 0639
info.southafrica@stieglmeyer.com
www.stieglmeyer.co.za

Nederland / Netherlands

Stieglmeyer BV

Peppelenbos 7
6662 WB Elst
Phone +31 (0) 345 581 - 881
info@stieglmeyer.nl
www.stieglmeyer.nl

Suomi / Finland

Stieglmeyer Oy

Ahjokatu 4 A
15800 Lahti
Phone +358 (0) 3 7536 - 320
Fax +358 (0) 3 7536 - 330
stieglmeyer@stieglmeyer.fi
www.stieglmeyer.fi

Polska / Poland

Stieglmeyer Sp. z o.o.

86-212 Stolno
Grubno 63
Phone +48 56 6771 - 400
Fax +48 56 6771 - 410
info.stolno@stieglmeyer.pl
www.stieglmeyer.pl



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Find your local partner on our website:
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burmeier.com