

ESSENTIALLY BETTER



Vertica care

Mobility for better quality of life



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Mobilisation bed

Lying down



Protection and comfort

- The bed's lying position satisfies all the requirements of a modern care bed
- Modern split safety sides
- Height adjustment range 40 - 80 cm

Sitting



Benefits for your health

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

Standing up



Safe mobilisation

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



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

Vertica care

Mobility for better quality of life

Sitting upright, taking a few steps independently - this means a big improvement in the quality of life of older people living in senior residences.. The challenge of ensuring regular mobilisation in day-to-day care, however, often pushes everyone involved to their limits. The Vertica care mobilisation bed steps in with a solution to this problem. Its mattress base adopts a genuine sitting position in a **natural flowing motion** and brings the resident gently into an upright sitting position. People in need of care benefit from **positive effects on the body** as well as improved emotional well-being. It takes 3 days of training to compensate for the energy lost during one day of bed rest. The Vertica care, however, provides an ergonomic way to activate the muscles of the body.

Mobilisation and sitting upright **reduces the risk** of thrombosis and pressure ulcers. The resident finds it easier to swallow during

mealtimes, and pulmonary aspiration and the resulting pneumonia are prevented.

The Vertica care also considerably lessens the physical strain on care staff. It **saves their backs** and joints when the strenuous task of mobilising occupants to sit up on the side of the bed becomes no longer necessary. This increases staff motivation and reduces the rate of illness-related absences from work. It saves the home or clinic money and also enhances the quality of the care provided.

The comfortable yet stylish Vertica care is ideal for use in care homes and for promoting recovery in rehabilitation clinics.



▲ In the sitting position, the resident is able to take part in everyday life on an equal basis again.



▲ Sitting and standing positions are controlled with a separate handset.

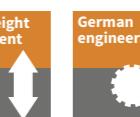
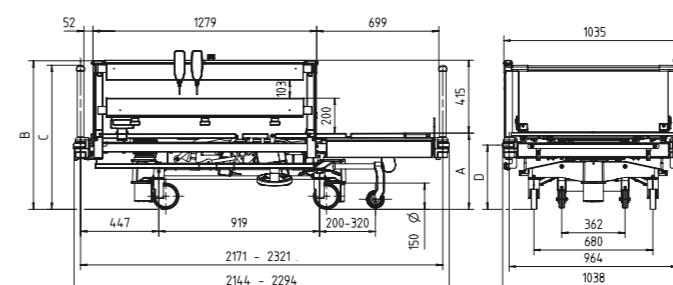


▲ Mobilisation from a standing position is considerably easier for care staff.



▲ The resident is brought effortlessly to an upright standing position.

External dimensions/height adjustment range:

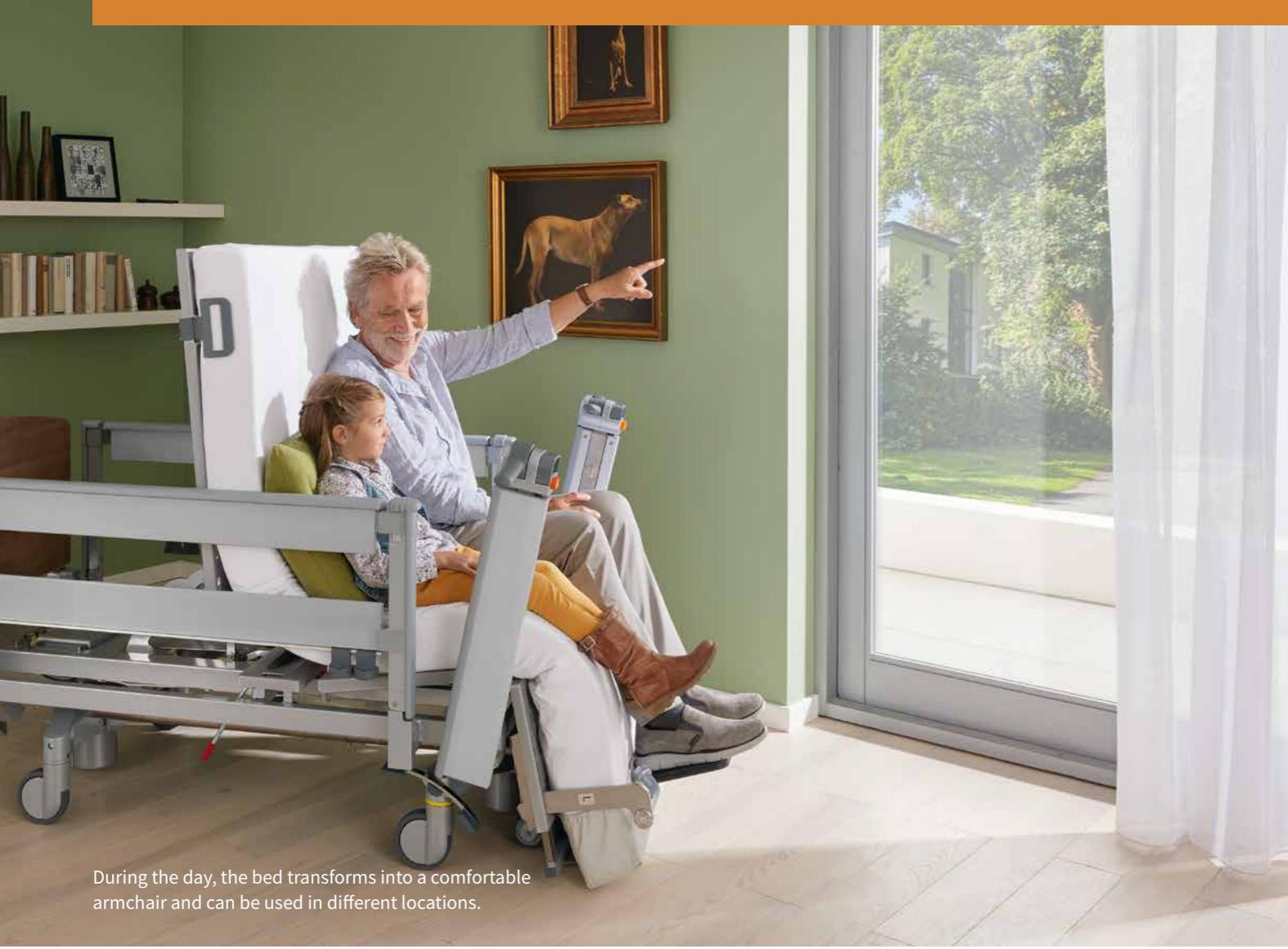




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Advantages at a glance

- Genuine sitting position for day-to-day life at eye level with other people
- Sitting and stand-up positions are set safely on a carers' control unit
- Considerably reduces the strain on carers when mobilising a resident
- Resident learns how to stand up again after a fall, for example

This allows the resident to take his first steps without effort.



During the day, the bed transforms into a comfortable armchair and can be used in different locations.



The bed can be adjusted conveniently by simply pressing a button.

Taking an active part in what's going on and enjoying everyday life



The footboard can also be used as a table for meals or for drinks.

Mobilisation in older age

Promoting health and well-being

Becoming bedridden is often the result of a long process of growing immobility and unsteadiness on the part of older people. Falls accelerate this process by often forcing the resident to remain in bed during the period of recovery, thereby increasing the resident's fear of moving about independently. The Vertica care bed helps stop this downward spiral. It is of key importance that the resident's sitting and standing up function **accurately follows the natural flow of movement** of the human body. The resident is moved gently and painlessly. He or she does not feel controlled by someone else but experiences a great sense of familiarity.

This positive effect benefits not only chronically bedridden residents but also people recovering from an injury, such as a fall, who should be encouraged to stand on their own two feet. The Vertica care brings users into a position that makes it very easy for them to **stand up** or transfer to a transport chair or wheelchair.

Clinical trials show that the use of **sedatives and painkillers** can be significantly **reduced** by early mobilisation. Dale M. Needham and colleagues found that the dosage of benzodiazepines and morphines fell by up to two-thirds through increased mobilisation and higher quality of care.

ESSENTIALLY BETTER Advantages at a glance

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



Genuine
sitting position



▲ Two people can easily share the comfortable mattress base.



▲ The sitting position facilitates breathing and strengthens the muscles.

Sitting position

Get back into the swing of things at eye level with others

The beneficial ergonomic sitting position afforded by the Vertica care significantly outstrips the possibilities offered by conventional care beds. The ability to adjust both the backrest and the lower leg rest **up to a 90 degree** position offers numerous health benefits and allows patients to engage with others again at eye level in everyday life.

Eating and drinking are considerably easier in an upright position. It also conserves the resident's strength and reduces the risk of

pulmonary aspiration of food. By sitting up to eat meals and talk to other people, the resident also regains a feeling of **self-reliance and equality**, since he or she is able to engage with visitors and carers again at eye level with them.

Vertica care promotes a healthy posture. Residents sit on their thighs instead of resting their weight on their tailbone in a semi-recumbent position. This **prevents pain** and effectively eliminates the risk of **pressure ulcers forming**. The upright sitting

position activates the postural muscles that are used for stabilising the body. Since the patient's weight is not resting on the motor muscles, these muscles can be freely used. Rather than tensing up, the resident is able to **move freely**, such as while eating and reading. The patient is encouraged to engage in physical activity. Even persons in need of care who are in a persistent vegetative state or with spinal paralysis benefit from the familiar natural movement of the bed.

ESSENTIALLY BETTER Advantages at a glance

- Sitting position at the touch of a button
- Back-friendly mobilisation
- Ergonomic working through maximum height of 80 cm
- Easy to manoeuvre

Supporting carers

Preventing health risks

Vertica care considerably **reduces the physical strain** on carers and nursing staff and frees up time for other things, such as talking to residents. Even experienced carers are at risk of impairing their health if they have to constantly mobilise heavy patients. In the long-term, this can lead to back injury, illness-related absences and high treatment costs. Vertica care helps to solve these problems. The sitting up process is completely taken care of by the bed. Brief help from a nurse or carer is only needed when it comes to getting up or transferring to a transport chair. Mobilisation by sitting up at the foot end of the bed **also saves room** in confined spaces.

The sitting and standing up function of the bed is activated with a **single touch of a button** on a carer control panel. It also prevents the resident from inadvertently activating the standing up procedure on the resident **handset used for making normal adjustments to the bed**. Adjustment functions include the generous 40 to 80 centimetre height setting range of the mattress base. This allows staff to work at an ergonomic waist level.

The Vertica care bed not only mobilises the resident but is extremely manoeuvrable due to its shorter wheelbase, which makes it effortless to manoeuvre into position in even the smallest of spaces.

Physical relief during mobilisation



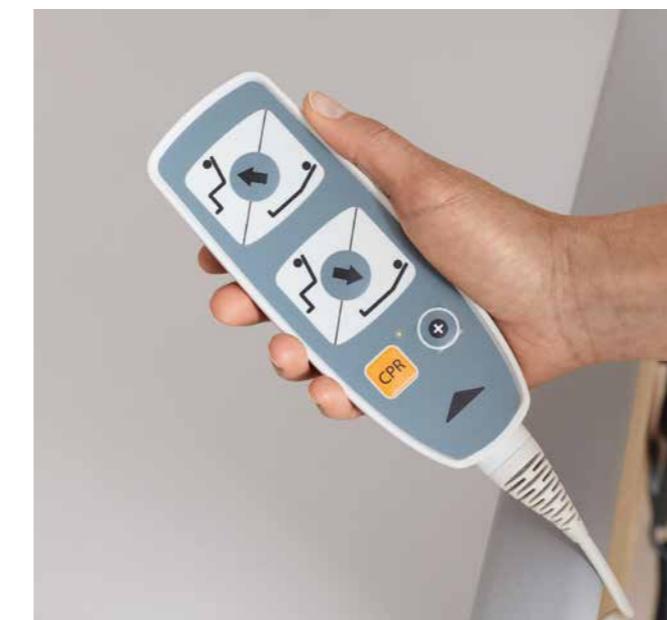
Transferring the resident into an armchair or a transport chair is made considerably easier for care staff with the Vertica care bed.



▼ Basic care is a lot easier for the resident and the carer in a sitting position.

▼ The separate staff control panel for the sitting and standing position prevents unintentional adjustments.

▼ The handset for the bed's normal adjustment functions can be operated intuitively.





- ▲ The ergonomic handles provide a firm hold when standing up.
- ◀ The tailor-made viscoelastic cold foam mattress supports pressure ulcer prevention.
- ▼ The carers control panel (top) and standard handset (bottom) are kept within reach on the safety side.



- ▲ The optional footboard provides more comfort and can be used as a table or linen holder.



- ▲ Attractive headboard and footboard shapes and wood decors create a homelike atmosphere.

Mobilisation explained

The Vertica care is fitted at the sides with mobilisation aids with **practical handles**. These provide support for the resident during the procedure of standing up. The mattresses are precisely tailored to the mattress base adjustment options. The **viscoelastic cold foam mattress** is particularly effective in supporting pressure ulcer prevention.

The **resident handset** with its intuitively operated pictograms can be used even by patients with reduced capabilities to carry out normal adjustments to the bed. Adjusting the bed to a sitting position requires only the touch of a button on a **staff control panel**.

The optional **footrests** activate the proprioceptors in residents' muscles and joints and give them reliable feedback on their location within the room. The footrests are easy to attach and can be stowed away in a **parking element** under the backrest.



- ▲ Optional footrests promote the resident's spatial and body awareness.
- ▲ If they are not needed, footrests can be stowed away under the backrest.

Accessories and equipment details

Tailoring the Vertica care to your taste

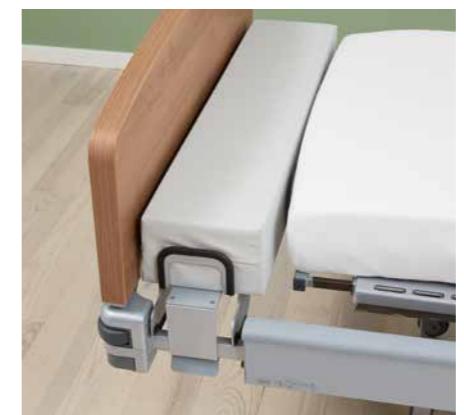
With high-quality accessories from Stieglmeyer, the Vertica care can be adapted even more closely to individual requirements. An optional **footboard**, which also serves as a fold-up table and linen holder, can be adjusted in a few easy steps. A wide range of attractive decors is available for this headboard/footboard, as well as for the standard head and footboards, to make the bed blend in perfectly with any surroundings. The selection ranges from the attractive light beech decor to the striking dark Bella Noce Choco. Tall residents enjoy the extra 15 cm of space afforded by the **bed extension**. Stieglmeyer can supply precisely matching **mattress pieces** for extending the mattress length. **Footrests** promote mobilisation by providing additional support and a comfortable and secure feeling when sitting up.



- ▲ Optional footrests promote mobilisation.



- ▲ A 15 cm bed extension is included as standard.



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



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

Equipment and options

Vertica care	
Dimensions and weights	
Overall dimensions	103.8 x 214.2 cm
Mattress base (mattress dimensions)	87 x 200 cm
Mattress base division (BR/seat part/TR/LR)	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 patient	185-210 kg
Ground clearance	approx. 16.5 cm
Total weight	approx. 175 kg
Protection height of safety sides	approx. 41.5 cm
Adjustment ranges	
Tilting to Trendelenburg position	approx. 16°
Tilting to reverse-Trendelenburg position	approx. 16°
Mattress base height adjustment range	approx. 40 – 80 cm
Time taken for motorised 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°
Mattress base	
PP hygiene mattress base	✓
Hygiene mattress base for belt system	✓
Bed extension 15 cm	✓
Headboards and footboards	
Completely removable	✓
Available in a range of colours and decors	✓
Footboard can serve as a table	0
Castors	
Castors	✓ Integral castor Ø 125 mm
Conductive castor coating	✓ 1 castor (directional wheel) 0 2 castors (including directional wheel) 0 4 castors ✓ Cast iron
Materials	
Chassis and mattress frame: Die-cast aluminium and welded steel structure with durable polyester powder coating	✓
Mattress base sections: Steel, PP plastic (polypropylene)	✓
Safety side systems	
Split safety sides	✓

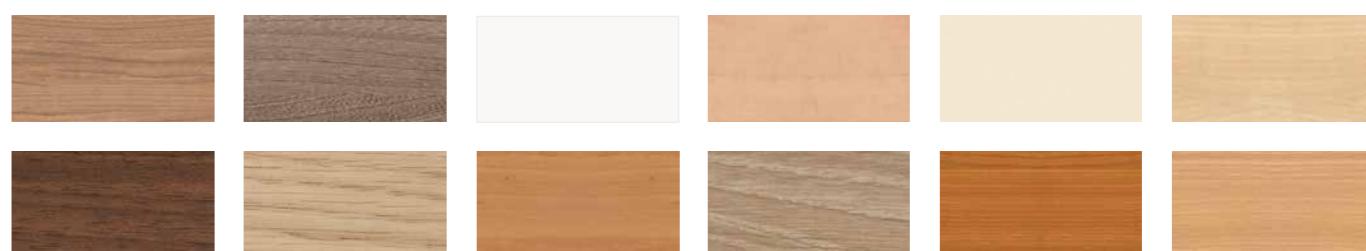


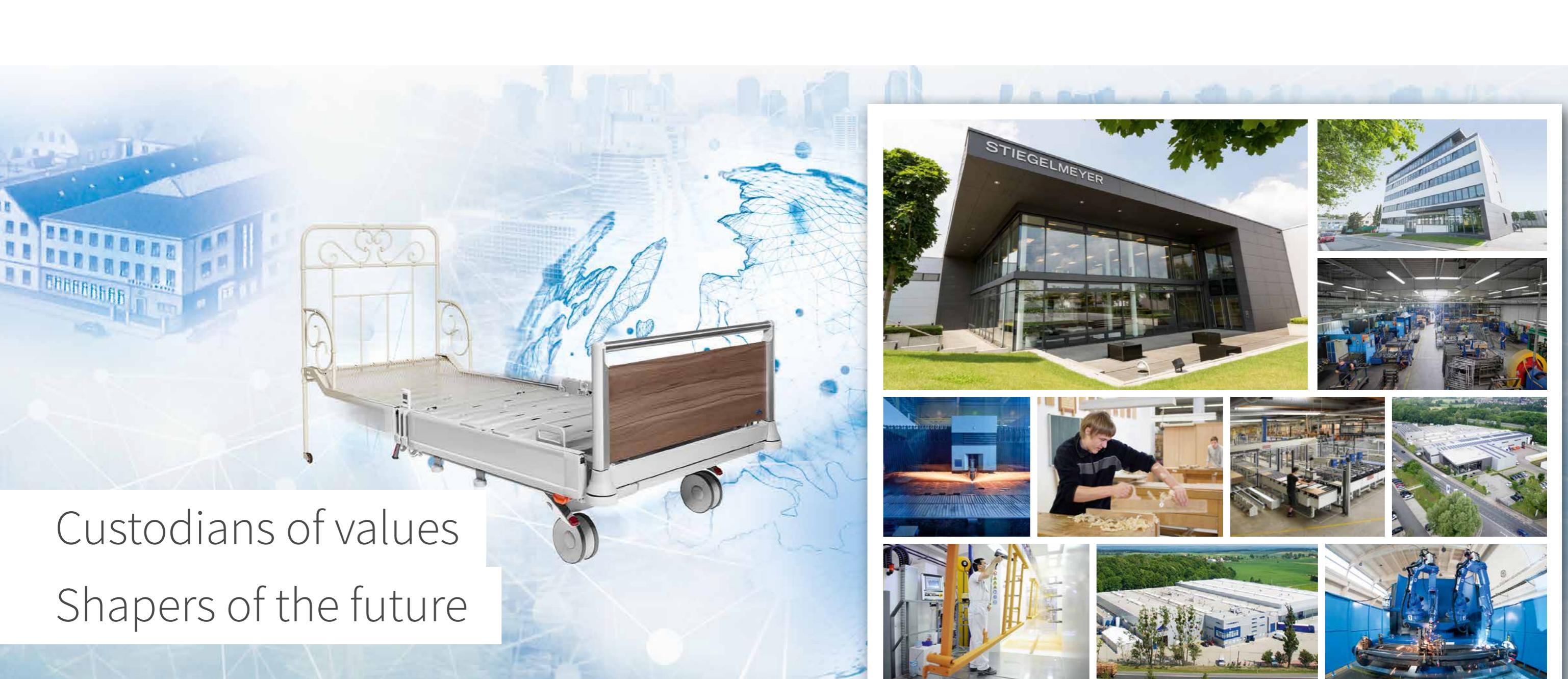
Vertica care	
Drives	
Fully electric	✓
Battery (not with sit-up and stand-up function)	✓
Toroidal transformer ¹⁾	✓
5-fold protection against overloading and overheating	✓
High-quality EPR power cable	✓
Handset cable in high PU quality	✓
Durable battery pack with charge indicator	✓
Electronic components	
Handset with locking function	✓
Staff control panel	✓
Under bed light	0
Brake signal	✓
Wall deflection systems	
4 wall deflection rollers (standard, all sides)	✓
Edge protection integrated into the safety sides	✓
Miscellaneous	
Parking position for footrest (14 cm)	✓
Control unit cover	✓
Argentum metal finish	✓
Supply rail with sliding adaptor sleeves	✓
2 internal sleeves at the head end for patient lifting poles or infusion stands	✓
Accessories	
Footrests	0
Specially-designed mattress with cut-out sections	0
Side support cushions for stabilisation and as armrests	0
Extension piece including mattress piece for extending the mattress base	0

- ¹⁾ - Low power consumption
- High power capacities
- Low standby power consumption
- Low electromagnetic pollution

Decor A feeling of home whatever your interior design

Vertica care can be adapted to suit any room with a variety of attractive decors to choose from. The selection ranges from the lighter Lindberg Oak to the striking dark Bella Noce Choco. Our customer service would be happy to show you the Stiegelmeyer colours from our latest Wodego collection.





Custodians of values
Shapers of the future

STIEGELMEYER GROUP

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 1,200 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





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