

SOLUTIONS FOR MEDICAL BEDS QUIET, SAFE AND EFFICIENT



TENTE

BETTER MOBILITY. BETTER LIFE.



MOBILITY SOLUTIONS FROM THE WORLD MARKET LEADER

Clinics and hospitals are a place of rest and recovery. With our low-noise solutions we contribute to the patients' well-being and recovery. At the same time, our design and developments ensure that nursing staff work safely and ergonomically. As a globally positioned company, and world market leader in the segment of hospital beds and medical furniture, we continue to set new standards and offer you a wide range of pioneering mobility solutions. But which solution is the best for you?

With the large range of products and the diverse market requirements, it is not always easy to make the right choice. Drawing on our experience of more than 90 years, we would be pleased to support you in finding the ideal castors and wheels for your application. Of course, quality and cost efficiency play a fundamental role in the health care sector. The high degree of automation in our production guarantees consistent high quality a competitive. But, no matter which of our design you choose, you can be sure that we always meet all standards and consistently comply with your company's specifications. The result: trend-setting mobility solutions that know no compromise when it comes to tested user-friendliness, ergonomics and safety.

QUIET AND EASY CONTROL

We are at your side with ergonomic, low-noise solutions that take the strain off both patients and nursing staff. The quiet locking and releasing of the castors does not disturb the patients' rest. The easy and effortless handling is easy on the user's body and ensures more productive work processes and a significantly reduced health risk for employees.

CASTORS WITH EXTREMELY LOW OVERALL HEIGHT

We prove true greatness - and offer you castors with minimum overall height. They enable nursing staff to set the lying surface of hospital beds particularly low without having to accept any loss of mobility. This decreases the risk of falling out of the bed and the risk of injury to the patients.

On the following pages you will find more information about our mobility solutions for medical beds. Please do not hesitate to contact us for further technical details or a personal consultation.

FAST OPERATION AND MAXIMUM SAFETY

TENTE's central locking systems allow nursing staff to lock and release all castors with just one step. The operating element of the foot pedal is accessible from every side and ensures ergonomic operation. The result: improved safety and noticeable time savings. We have many years of experience when it comes to the perfect combination of castors and locking system. Our Quick-Fitting R36-34 ensures quick and uncomplicated installation of the castors.

Time-saving replacement

The Quick-Fitting assembly system makes it possible to change the castors quickly. This reduces maintenance time, makes the work process more efficient and increases productivity.



Highest operating comfort

The ergonomic operating element of the kick-pedals can be operated from both sides with just one step, so that locking and releasing the castors in any position is quick and effortless.

CENTRAL LOCKING POSSIBLE FOR THE FOLLOWING PRODUCT FAMILIES:



Integral
⚖ 150 kg
⌀ 125 - 200 mm



Integral twin
⚖ 125 - 150 kg
⌀ 100 - 150 mm



Linea
⚖ 150 kg
⌀ 125 - 150 mm



"The solution developed by TENTE is a superlative precision switching system which has exceeded our expectations."

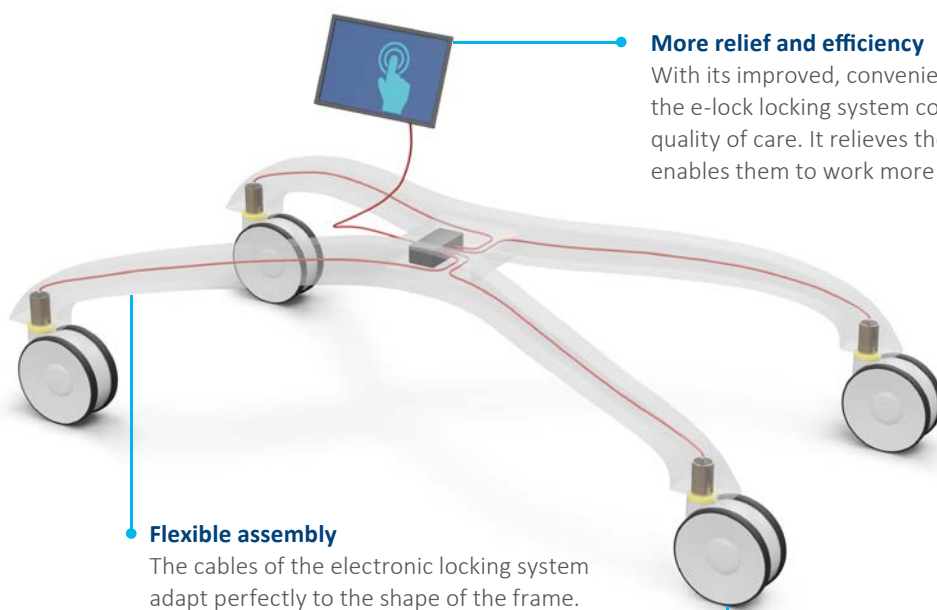
Kyosuke Kimura, President and CEO of PARAMOUNT BED

Read more about the customer reference:

www.tente.com/paramount

QUIET, LIGHT AND FLEXIBLE

The e-lock locking system offers an electrically activated locking function. The clear advantage: switching torques and switching forces are eliminated. The switching is therefore almost silent and all switching positions can be controlled flexibly. The system also offers maximum flexibility for individual design and can be seamlessly integrated into the design of the hospital bed manufacturers. The automatic locking function also reduces the risk of incorrect use - and thus increases safety.



More relief and efficiency

With its improved, convenient, and safe operation, the e-lock locking system contributes to better quality of care. It relieves the nursing staff and enables them to work more efficiently.

Flexible assembly

The cables of the electronic locking system adapt perfectly to the shape of the frame. Compared to mechanical systems with gear shift linkages, hospital bed manufacturers benefit from significantly improved design freedom.

Optimized safety

In conjunction with a motion sensor, the electronic central locking system enables the castors to be locked automatically at a set time, thus providing greater safety for users and patients.

CENTRAL LOCKING POSSIBLE FOR THE FOLLOWING PRODUCT FAMILIES:



Linea e-lock

150 kg

150 mm

QUIET AND LIGHT WITH INTEGRAL

 **100 - 150 kg**  **130 - 229 mm**  **100 - 200 mm**

It is not surprising that this castor has been the first choice on the market for years and is used millions of times. This is because Integral sets the benchmark for single-wheeled castors in the medical field by combining attractive design with high safety, long life and exceptional resistance to shock loads. It is particularly easy to clean and maintained with its TÜV Süd certified safety standard. Due to the high degree of automation in its production, you can fully rely on consistently high quality throughout the entire product family.

Quiet and easy shifting

Whether directional locking, total locking or full mobility - the Integral allows quiet and ergonomic easy shifting. It therefore takes the load off of nursing staff, increases safety and helps to ensure that patients are not disturbed. Its soft wheel options have been specially developed for the quiet hospital environment, and are particularly impressive because of their smooth running properties.

Robust and maintenance-free construction

The closed design and wheels with sealed bearings offer protection against spray water and dirt. Their chemical resistant components make the Integral resistant to many detergents and chemical substances, while their stainless steel or sheet steel supporting housing provides a strong construction.

High variety of variants

The Integral product family offers a wide range of versions for the highest demands in the clinical environment. These include models that allow colour matching to the product design, permanently washable versions, castors with different attachments and conductive versions, to protect users and electrical equipment from electrostatic discharge.



STABLE AND ERGONOMIC WITH INTEGRAL TWIN

📏 125 - 250 kg 🔄 129 - 175 mm ⚙️ 100 - 150 mm

The particularly quiet and easy actuation and the TÜV Süd certified safety standard have also made the Integral twin a favourite in the field of hospital beds and medical furniture for decades. The trend-setting castors are available in different versions, which have been specially developed for the specific requirements in hospital and clinic environments: castors with increased load capacity and extreme torsional rigidity for a firm stand of operating tables; permanently washable and electrically conductive versions; or versions that can be provided with the individual customer logo.

Groundbreaking ergonomics

Thanks to its low swivel resistance, the Integral twin sets standards in ergonomics and allows effortless and safe movement of hospital beds and medical furniture. The result: improved working conditions and noticeable relief for nursing staff.

Quiet and easy shifting

Switching the castors to one of the three switching positions is particularly easy and quiet. The ergonomic operation is easy on the staff, while the quiet switching ensures that patients can rest.

Low maintenance castors

The wheels of the Integral twin castors have a robust housing made of sheet steel, or stainless steel and they have protective seals against spray water, dirt and detergents.

Quality made in Germany

The Integral twin also knows no compromise when it comes to quality. For decades, our engineers have been continuously improving it with regards to customer requirements and it is available worldwide.



REDUCED RISK OF FALLING WITH LINEA CLINIC

 **150 kg**  **130 - 175 mm**  **125 - 150 mm**

Our hospital bed castor, Linea, has a remarkably low overall height and allows nursing staff to set the lying surface particularly low. This demonstrably reduces the risk of injury to patients. Further advantages: low swivel resistance and quiet, ergonomic switching.

Silent and ergonomic switching

The simple circuit simplifies handling for employees and not only provides physical relief but also increased safety. In turn, the low noise level during shifting contributes to the undisturbed recovery of patients.

Low overall height

Compared to conventional castors in the area of hospital beds, our mobility solution stands out due to its minimal overall height. Thanks to this outstanding feature, a previously unattained lowering of the lying surface of hospital beds is achieved - an important contribution to prevent falls.

Lowest mounting height

The XS mounting of the Linea is barely higher than the wheel size. With a diameter of 125 millimetres, the overall height of the castor is just 130 millimetres. The clear advantage for manufacturers of hospital beds: hexagonal bars can be mounted particularly low.



"TENTE understood our safety requirements exactly - and implemented them with outstanding success."

Torsten and Miriam Schuchmann, Director

Schuchmann GmbH & Co. KG

Read more about the customer reference:

www.tente.com/schuchmann

HIGHEST SAFETY WITH LINEA LOAD

 **200 kg**  **155 mm**  **150 mm**

With this mobility solution you get full load safety. Or more precisely: high load capacity and load bearing capacity. Increased torsional rigidity for a firm positioning of operating tables. Durable and washable. Tested electrical conductivity. A low overall height for a reduced risk of injury to patients, and, of course, a mobility that is unrivalled in terms of both ergonomics and safety.



Increased torsional rigidity

In operating theatres, operating tables have to meet particularly stringent requirements. This is precisely why the Linea load is extremely torsionally rigid and ensures that operating tables stand firmly.

Lowest overall height

When used under hospital beds, the Linea reduces the risk of accidents thanks to its low overall height. The lying surface can be lowered particularly low so that patients and nursing staff benefit from a clear plus in safety.

High load capacity

Despite its extremely compact size, the mobility solution has a load capacity of up to 150 kilograms. This makes it extremely resilient and offers nursing staff and patients maximum safety.

VERSATILE RELIEF WITH LINEA E-LOCK

 **150 kg**  **155 mm**  **150 mm**

The Linea twin wheeled castor has an extremely low swivel resistance for easy manoeuvrability with little physical effort. The extremely low overall height, when used under hospital beds, reduces the risk of accidents and offers your patients increased comfort and safety. The Linea castor can be adapted to any application and is also available in an electrically conductive version.

Quiet working environment

The silent release offers a relaxed working environment, for the patient and for the user.

High security

A motion sensor automatically activates the detection of an application.

Simple and flexible integration

The individually programmable control function can also be integrated into existing control panels. The elimination of steel rods and foot pedals opens up new possibilities for designing new beds.



"Thanks to the innovative solutions from TENTE, we were able to significantly improve user-friendliness."

Anne Becker, Global Marketing Manager at Siemens Healthineers

Read more about the customer reference:

www.tente.com/siemens

EFFICIENT TRANSPORT WITH E-DRIVE

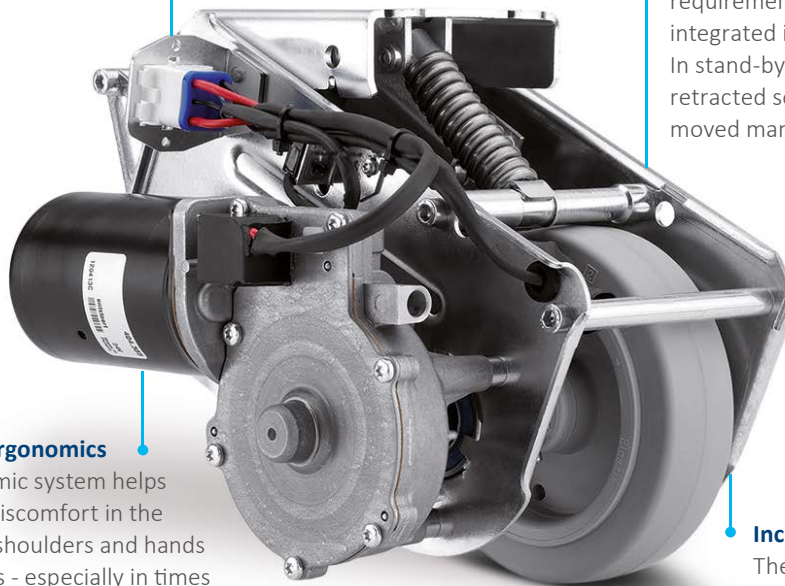
The smart solution, our electric drive system, also known as "E-Drive", allows nursing staff to transport patients effortlessly with the hospital bed. Not only does it improve productivity and quality of care, it also increases the well-being of staff and reduces operating costs.

Practical system solution

Easy to integrate system solution consisting of drive unit, control module, manual operating unit, battery, charger and mounting set.

High flexibility

The E-Drive system can be individually configured according to the customer's requirements. The system can be easily integrated into existing applications. In stand-by mode, the drive wheel is retracted so that the trolley can be moved manually.



Improved ergonomics

The ergonomic system helps to prevent discomfort in the neck, back, shoulders and hands among users - especially in times of high demographic change. Physical relief means fewer absences due to illness, allowing a quick regain of the initial cost of the E-Drive system.

Increased productivity

The E-Drive helps make operating processes more efficient, resulting in cost savings.

DIVERSITY WITH A SYSTEM OUR CASTORS

All of our products have their own specific qualities and strengths. Whether it's high design standards, specialist applications or exceptional load capacities – our range can meet your needs and be adapted to fit different models.

From the correct dimensions and technical specifications to the required configuration, our product families are able to offer the ideal solution – whatever you need. Contact us for more information or visit our website: www.tente.com

E-Drive



⌀ 125 mm

Alpha



⊃ 70 - 500 kg
⌀ 80 - 200 mm

Delta



⊃ 300 - 600 kg
⌀ 125 - 200 mm

Delta twin



⊃ 600 - 750 kg
⌀ 125 - 200 mm

Zeta



⊃ 300 - 800 kg
⌀ 125 - 250 mm

Kappa



⊃ 300 - 2.000 kg
⌀ 80 - 300 mm

Kappa flex



⊃ 360 - 750 kg
⌀ 160 - 200 mm

Omikron



⊃ 900 - 11.000 kg
⌀ 100 - 500 mm

Radiata



1.200 - 1.500 kg
80 mm

Scout



150 - 350 kg
160 - 200 mm

Integral



100 - 150 kg
100 - 200 mm

Integral twin



125 - 250 kg
100 - 150 mm

Linea clinic



150 - 200 kg
125 - 150 mm

Aviana care



100 kg
75 mm

Aviana



75 mm

Agila



40 - 100 kg
50 - 150 mm

Agila twin



50 - 100 kg
50 - 75 mm

Stora



60 - 160 kg
75 - 160 mm

Mono



30 - 70 kg
50 - 100 mm

Galea



60 - 100 kg
100 - 125 mm

Levina



60 - 100 kg
75 - 150 mm

Linea



40 - 150 kg
50 - 150 mm

Anika



40 - 50 kg
55 - 75 mm

Lumina



30 - 100 kg
35 - 75 mm

Stylea



40 - 100 kg
35 - 100 mm

Smiles



40 kg
50 mm

Compacta



10 - 55 kg
14 - 50 mm

EXPERTISE THAT INSPIRES

CONTACT US

We are a globally operating company supporting you on five continents. This means on-site support with service on a level playing field – along with in-depth knowledge. Additionally, our solution experts will advise you on the best mobility concept for your needs. Go here to find your nearest TENTE location: www.tente.com/locations

INCREASE YOUR EFFICIENCY

Our intelligent mobility solutions help you save time, effort, energy, and operating expenses. This allows you to improve your operating methods and working conditions, thereby optimising your processes and ensuring higher productivity, profitability and safety. Ask for our solutions catalogue or read about how our customers benefit from our tailor-made solutions on our website: www.tente.com/solutions

SAVE DEVELOPMENT TIME

On our website you will find technical drawings, product data sheets and 2D and 3D CAD files in various formats: www.tente.com/products

GET MORE INFORMATION

In addition to our informative website, you can easily download various catalogues and brochures on mobility solutions, customer references, and much more: www.tente.com/download





www.tente.com



PRODUCTIVITY



SAFETY



DESIGN



DURABILITY



ENVIRONMENT