



wissner-
bosserhoff

altura

Furniture for an ambience worth living in



„ All the power that we give off
comes back to us, experienced
and transformed.“

Rainer Maria Rilke

The health market is in a state of transformation. Privatisation, budgets and restructuring are some of the everyday buzzwords for all those involved. This results in new challenges in all areas, including the furnishing of buildings. The transformation to a “hotel with medical provision” is well underway, as the patient is now the customer who actively selects the clinic that best meets his needs and tastes. Patient satisfaction will in future play a crucial role in competition, along with necessary increases in efficiency. In the design hospital bed altura, wissner-bosserhoff combines economical functionality with an aesthetic sense, thus making an important contribution to improving the atmosphere and cost-effectiveness.

altura





It is indisputable that the process of recovery is supported by an environment designed in harmony. This also results in a tangible reduction in the strain on nursing staff. The altura bed, with its warm wooden decor, combines a cosy feeling with individual patient comfort. The bed provides numerous practical functions. The GO safety button, available on all hand-held control elements, provides forward-looking safety and prevents the uncontrolled triggering of a function. Options such as the 5th castor to make transport easier, or the foot controls to adjust the bed without using the hands, make an important contribution to easing the strain in nursing.

„Do something good for your body so that your soul will enjoy living in it.“

Teresa von Avilla

Previous page altura with Zebra Moka wooden decor: creates a homely atmosphere in the hospital room.

01 Be on the safe side with an easy-running and low-noise side guard release. Since the individual panels do not lie on top of each other, there is no danger of getting fingers trapped and the optimal conditions for drainage are created.

02 The optional linen holder provides space for the hygienic storage of linen when changing the sheets and can be used to store the supervisor.

On the right Through the integration of the continuous side guards, these are available the moment they are required. The extendable panels enable them to be used flexibly in combination with extending the bed by 15 cm, making it possible to use active mattress systems of up to 20 cm in height.



01



02

altura

hospital bed altura

Function. Economy. Aesthetics.

01 Side guard

- Safety standards without gaps, already comply with the expected forthcoming standard IEC 60601-2-52
- Safe use of patient restraint systems in accordance with the BfArM** (German Federal Institute for Drugs and Medical Devices)
- Telescopic panels enable use even in conjunction with the bed extension
- No panels lying on top of each other, so there is no risk of fingers getting trapped
- Optimal drainage possible
- Use of bedsore covers up to 20 cm in height possible
- Quiet adjustment

08 Linen holder*

- Can be easily pulled out to hygienically store linen when changing the sheets

07 Mobile Supervisor

- Can be positioned flexibly for more ergonomic work situations
- Locks individual function keys
- Emergency STOP button to immediately halt all bed adjustments
- Pre-programmed Cardiac Chair and CPR positions
- Automatic setting for Trendelenburg and anti-Trendelenburg position
- Battery pack status and charge display
- Can be stored in the linen holder to save space when not in use

06 Movability and braking capacity

Via the central brake, all castors can be braked from both sides of the bed with a pedal:

- Good mobility thanks to 150 mm castors with directional guidance to move in a straight line
- Trouble-free underbed clearance with patient lifters
- Brake pedal with 3 functions:
 - Pedal down = all castors are braked
 - Pedal horizontal = all castors are free
 - Pedal up = the directional castor is activated (exception with optional 5th castor = separate pedal for the direction)

02 Handset*

altura beds are impressive due to their ease of operation and their safety features:

- Clear and ergonomic handset
- To adjust the backrest and thigh rest, auto-contour setting and height adjustment of the bed
- Initial-fault tolerance thanks to the GO safety button

03 Patient surface

- 4-part patient surface with ergonomic backrest length in accordance with the recommendations of Prof. Eigler
- Retraction of the backrest by 11 cm, in accordance with the DBfK (German Nurses Association) recommendation
- Metal patient surface or patient surface with removable synthetic padding* is easy to clean
- Mattress size 200 x 86 cm
- Bed extension by 15 cm

04 Lifting technology

altura stands out due to its proven lifting column construction

- Company's own lifting technology since 1999, tried and tested over 150,000 times
- Height adjustment range approx. 38.5 to 76.5 cm
- 230 kg safe working load
- Easy to clean thanks to the smooth surfaces and a completely closed system
- Adjustment force of 4,000N (= approx. 2x 200 kg per lifting column)
- Reduced electro-smog pollution through motors positioned beneath bed
- Scratch- and impact-resistant anodised aluminium

05 Foot controls* (not shown)

The foot controls allow the following positions to be set hygienically, without hands and reducing strain on the back:

- Height adjustment of bed
- The protection bar prevents unintended operation of the function buttons



Safety:
The quality and safety management works in accordance with the regulations DIN EN ISO 9001:2008 and DIN EN ISO 13485:2007-10, our beds carry the CE mark and are tested according to current hospital bed standards.

lying and comfort

01 The handset (standard version) is easy to operate. It can be used flexibly on both sides of the bed. Even a patient with physical limitations can place the handset somewhere easily accessible. If the patient is not supposed to make adjustments, the handset can be hidden.

02 The GO safety button follows the principle of initial fault tolerance. It prevents uncontrolled triggering of functions (even in battery mode), for example by a button being pressed by accident or by defective electrical functions. Without pressing the GO safety button, the operating elements are not active and the motors of the bed cannot be started. The buttons remain active for 3 minutes after the last positioning. For the next positioning the GO safety button must be pressed again.

03 The flexible control satellite, as an optional control element, stands for optimal cable management. It is attached to the backrest of the bed, so that it is always easily reachable.

For the patient surface, there is a choice of plastic covers or an easy-to-clean metal surface. These stable covers can be removed individually, allowing for effortless disinfection and cleaning, as well as easy access to the parts of the bed lying beneath. Worked in openings guarantee good airing of the mattresses, allow fluids to flow off and leave no opportunity for water to collect.

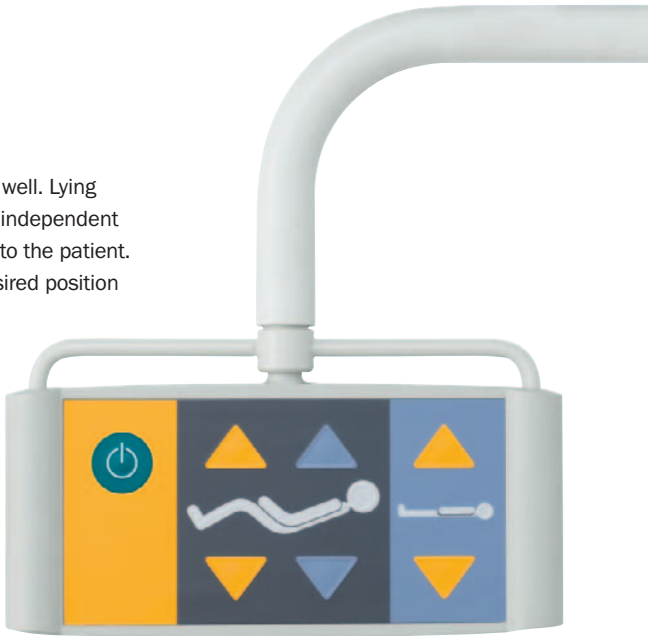


01



02

altura is a good platform to begin feeling well. Lying conveniently and comfortably, and being independent as far as possible is of great importance to the patient. All operating elements guarantee the desired position at the push of a button.



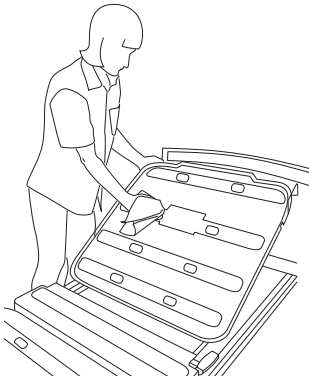
03



Metal patient surface (standard version)



Plastic patient surface covers (optional)



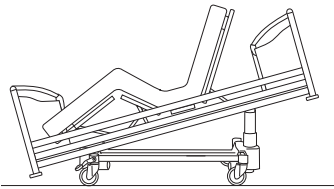
altura is a multi-talent in daily hospital life. Different positioning options support the work of doctors and nursing staff.

01 The Cardiac Chair position (preset) guarantees a reduction in pressure on the heart and provides the optimal lying position for stomach complaints, breathing difficulties, as well as heart and lung diseases. In addition it is comfortable when eating, drinking or reading.

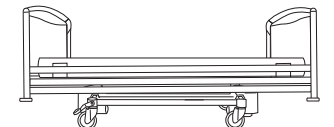
02 For the CPR position (preset), the altura moves to a low horizontal position to make heart massage easier for the doctor. For damage to the spine, for relaxation or sleep, this position is also the right choice.

03 Trendelenburg position The rapid adjustment to the shock position guarantees support of the circulatory system through the legs of the patient being placed up high, for circulatory problems, low blood pressure, shock or heart failure.

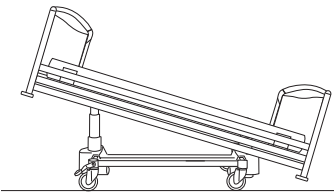
04 Anti-Trendelenburg position This is used for example to position a patient when a narcosis is to be administered, especially when there is a danger of aspiration. With the upper body and head placed high, it is difficult for the contents of the stomach to enter the pharyngeal space. With the low position of the legs, pains in the extremities due to poor circulation can also be eased.



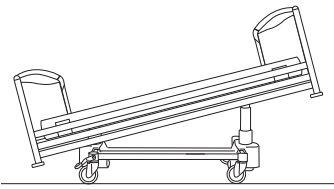
01



02



03



04



From the **supervisor** installed at the end of the bed, staff can operate the programmed CPR and Cardiac Chair functions at the press of a button. Setting the bed for the Trendelenburg and Anti-Trendelenburg positions can also be done from here easily and quickly. With the Supervisor, staff can furthermore block settings that the patient is not permitted to select due to his illness. The STOP button triggers the immediate stopping of all bed positioning functions. An LED display shows the battery capacity. If it is stored away, the bed can be set to inactive via a key combination on the supervisor (sleep mode), saving the battery. **Foot controls** The bed position can be changed quickly and hygienically without using the hands, and it is easy to set the bed to a height for nursing work, avoiding strains on the back. The functions of the foot controls can be locked via the supervisor. The safety bar protects from unintended operation.

safety and mobilisation

01 0-Position

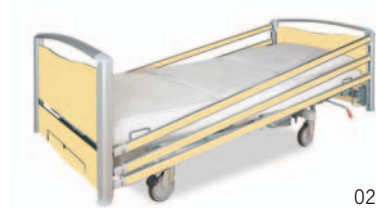
- Good access to the patient
- No barrier when sitting on edge of bed
- No panels lying on top of each other, so there is no risk of fingers getting trapped



01

02 Nursing position (30% protection)

- Combination of safety and good access to the patient for everyday nursing tasks
- Can be lowered at the head or foot end



02

03 Safety position (100% protection)

- Full protection for the benefit of the patient at 42 cm safety height
- Use of Universal and prophylaxis mattresses up to 20 cm in height
- Telescopic panels enable use in conjunction with the bed extension
- Optimal drainage diversion possible
- Quiet adjustment



03

04 Accessory Assist

With the Assist mobilisation handle, available as an accessory, getting out of bed is easy and safe for patient and staff



04

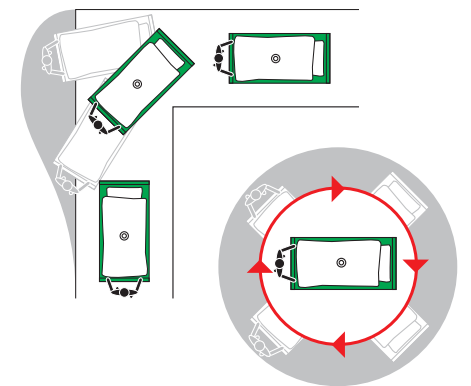
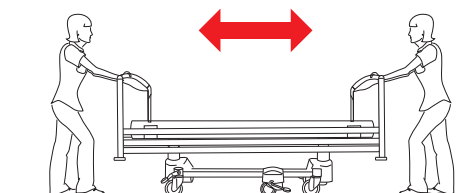
The side guard concept of the altura is just as flexible as is needed in everyday hospital routine. The side guards integrated into the head and foot sections are available the moment they are required. The continuous, telescopic panels guarantee the safety of the patient, even in conjunction with the bed extension.

The Assist mobilisation handle, available as an accessory, gives valuable help in supporting and maintaining the patient's motivity, relieving staff of the physical requirements involved in these nursing tasks.

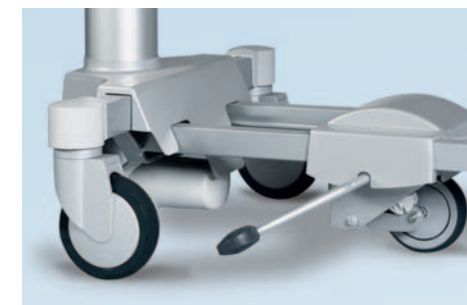
mobility and stability

The optional fifth castor

forms the optimal turning point when moving the bed. Saving energy and required space, the altura can be moved by just one person either from the head or foot end. Shunting arduously to and fro is a thing of the past. The bed negotiates narrow corridors and small hospital rooms elegantly and with a minimal turning circle.



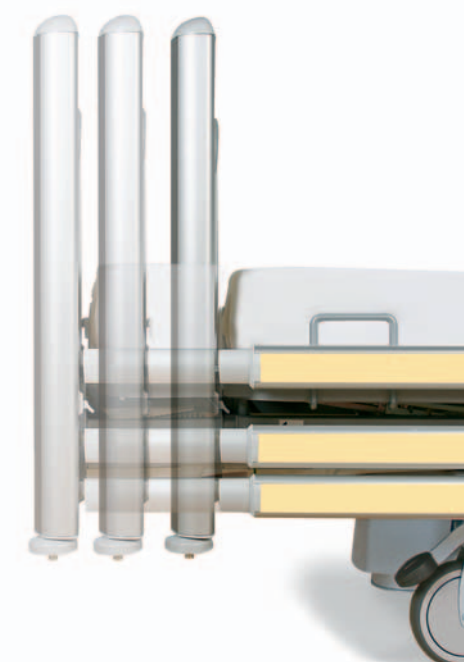
For the option with the 5th castor, the guidance is performed by means of a **separate pedal**. This successful separation of the 5th castor from the central braking system, known from stretchers, has the advantage that the 5th castor can always remain activated, and only needs to be deactivated briefly to move the bed sideways. This means that the conscious activation of the 5th castor for bed transport is unnecessary, so that energy-conserving and back strain-reducing working methods are already implied in the bed with a 5th castor, even before the staff have become involved.



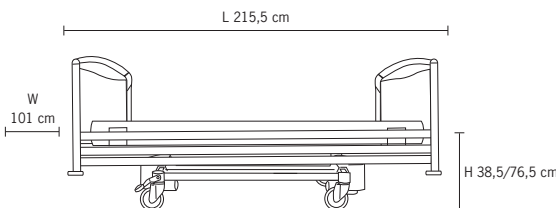
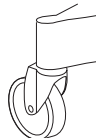

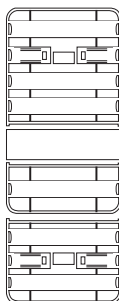
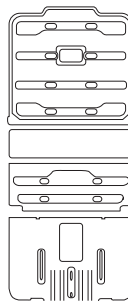

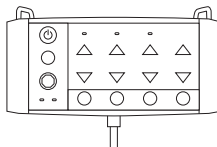

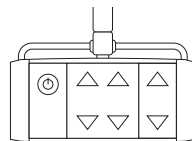
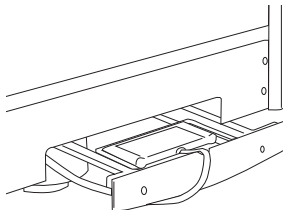
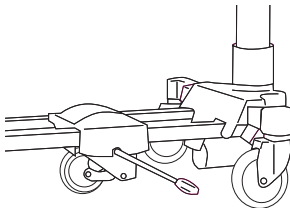
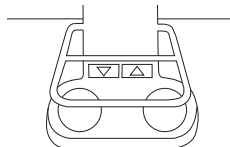
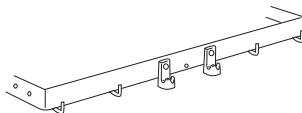

The brake pedal of the altura is located at the foot of the bed. This affects all the castors and has three functions: Activating the guiding castor to move in a straight line, releasing all castors and the central braking system.

Lifting column With an adjustment force of 2000 N (200 kg), the lifting columns are robust and stable. The interlocking elements guarantee a high lateral stability. A safe working load of 230 kg in the highest position, and using all setting options, is no problem for the lifting columns. The drives, positioned underneath, reduce the electromagnetic pollution for the patient. The surface of anodised aluminium guarantees the resistance to damage and provides only a minimal adhesion for contaminating fluids, so that these can be removed without problem.

The **integrated extension** by 15 cm allows for the patient surface of the altura to be enlarged. In this way, large patients can also lie comfortably.



range overview

Dimensions	Castors	Operating elements
<div></div> <p>altura, mattress size 200 x 86 cm</p>	<p>Standard version</p> <div></div> <p>Tente Motion castor diameter 150 mm without plastic cover</p>	<p>Standard version</p> <div></div> <p>Handset</p>
<p>Lying systems</p> <div><p>Standard version</p><div></div><p>Metal patient surface</p></div> <div><p>Option</p><div></div><p>ABS patient surface covers</p></div>	<p>Options</p> <div></div> <p>Tente Motion castor diameter 150 mm with plastic cover</p>	<div></div> <p>Supervisor</p>
	<div></div> <p>Easy-roll castor Tente Integral Diameter 150 mm</p>	<p>Options</p> <div></div> <p>Control satellite</p>
<p>Options</p> <div></div> <p>Linen holder</p>	<div></div> <p>5th castor diameter 125 mm</p>	<div></div> <p>Foot controls</p>
<div></div> <p>Accessories rail</p>		<p>Accessories</p> <div></div> <p>Mobilisation handle Assist 20-0352 (can be used in conjunction with an adapter)</p>
<p>Urine bag holder (not shown)</p>		

Unidecors (head, foot and side panel decors)

030 Pure White

G 044 Light Grey

C 017 Pearl White

P 043 Pamplemousse

N 001 Nectarine

K 001 Kiwi

A 014 Mint Green

B 048 Sky Blue

Wooden decors (head, foot and side panel decors)

E 009 White Maple

H 019 Honey Beech

F 011 Calvados Pear

Z 002 Zebrano

RAL colours (metal parts)

RAL 9006 aluminium white (undercarriage /frame)



wissner- bosserhoff

Furniture for an ambience worth living in

wissner-bosserhoff GmbH
Hauptstraße 4-6
D-58739 Wickede (Ruhr)
Phone: +49 (0) 23 77 / 784-0
Fax: +49 (0) 23 77 / 784-163
E-Mail: info@wi-bo.de

www.wi-bo.de

