



# Eleganza 2

The smart acute bed





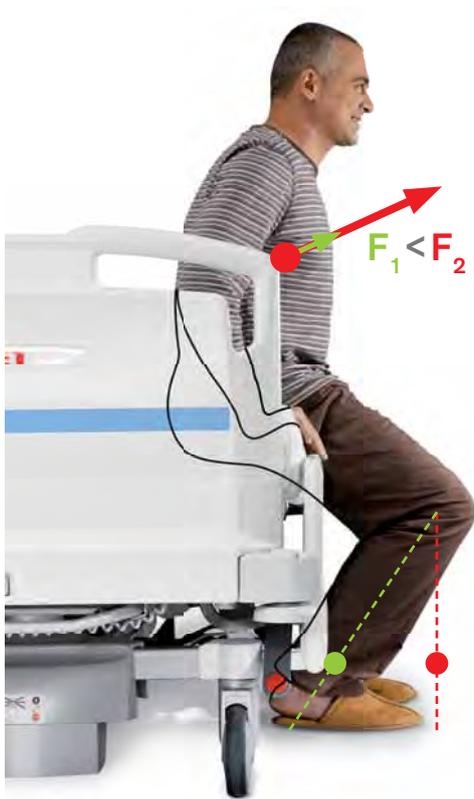
A modern hospital room with blue walls and ceiling lights. On the left is a white hospital bed with blue accents and a glowing green control panel. On the right is a white side table with blue drawers and shelves, holding a glass carafe, a bowl, and books. The overall aesthetic is clean and professional.

# Eleganza 2 the smart acute bed

The LINET Eleganza 2 pushes the boundaries of bed design in terms of safety, quality of workmanship and innovation. The LINET Eleganza 2 is the first bed of its kind so has set the standard by defining the genuinely modern bed system. Containing sophisticated functions, the 'smart' features of the LINET Eleganza 2 are now accessible to the broad spectrum of healthcare environments. The combination of practicality and beauty make the LINET Eleganza 2 a bed which will meet the needs and expectations of each hospital ward. The LINET Eleganza 2 makes demanding day-to-day patient care easier and thanks to its modern design, it shifts the perception of care provided to a far higher level.

# Real support for mobilisation

More than 30% of falls occur when the patient is getting out of bed. A detailed study of ergonomics by LINET has created innovations such as integrated Mobilift with support handles. The resulting benefit of this important feature is the assurance and support for the patient when exiting the bed, an accelerated process of patient independence and a reduction in demand upon healthcare staff. In summary, this revolutionary and highly functional solution within the LINET Eleganza 2 bed significantly reduces the risk of patient falls.



## [01] HANDRAIL TO ASSIST SIT-TO-STAND

The handrail is positioned perfectly for the natural movement of the patient's wrist and hand. The accessible position of the handrail is maintained at all backrest angles to provide comfortable and safe support for patient mobilisation.

- **More natural:** the unique turning of the handrail respects the ergonomics of the wrist
- **More stable:** the handrail has a smooth but textured surface to increase grip
- Original shape of handrail on head side rails is available in every position of backrest

The stability of the thumb and index finger is important for a firm grip. For this reason the thumb space was created using the latest scanning method.

The handrail is functional in all positions (angles) of the backrest.

## [02] MOBILISATION MADE EASY

Increased space beneath the side rail in the lowered position simplifies patient mobilisation allowing the patient to place their feet directly below at their centre of gravity for the optimum standing position with less effort.

## [03] MOBILIFT

The Mobilift control button is for the first time integrated into the ABS side rail at the optimum position for activation. Mobilift raises the mattress platform for comfortable, safe control when lifting a patient during mobilisation.

- Mobilift controls the lift of the bed up and down
- The mobility button is embossed for easy orientation by touch
- The mobility button is safely recessed into the outer edge of the side rail
- Mobilift is functional after activation of the GO button



[01]



# Safe concept



Although the bed should be a safe space for the patient, falls from a bed or related injuries pose a significant risk to patients and healthcare facilities. Safety is central to the concept of the LINET Eleganza 2; side rails guarantee a high level of protection against falls and many other safety features make the LINET Eleganza 2 a bed with the highest possible safety level.

## [01] NO FALLS OR INJURIES

1. The Eleganza 2 complies fully with the EN 60601-2-52 safety standard.
2. The original 4SAFE® LINET side rails run the entire length of the mattress platform and prevent falls between the side rail and foot board. No additional protector for the foot part is necessary.
3. The handrail provides maximum support for getting up safely. The ergonomics increase the certainty of mobilisation.
4. The Brake Alarm prevents falls resulting from an unbraked bed.
5. The night-time illumination of the bed makes it easier for patient orientation at night.
6. Zero gap concept – safety gaps of 2.5cm or higher are maintained between all moving parts of the side rails so there is no risk of entrapment of the patients hand or fingers.



[01]

## [02] SAFE POSITION INDICATOR

- At night, the angle indicator backlight changes to green to represent clearly and intuitively the bed is in its lowest safe position.

## [03] NO COLLISIONS

- The LINET Eleganza 2 has fixed boards; only the mattress platform moves when the bed is being positioned ensuring the holders for lifting poles and infusion stands located at the bed corners remain in place. This removes the risk of an injury to the patient and nursing staff.



[02]



The safety of the bed has been acknowledged by TÜV, a most prestigious independent German company. They performed both single and long-term severe tests which confirmed the absolute safety and quality of the Eleganza 2 model and issued a certificate of the bed's compliance with the standard IEC 60601-2-52:2010.



[01.3]

[01.2]

[02]

[01.6]

[01.4]

[03]

[01.5]

# Attractive design

AT FIRST SIGHT | your attention will be drawn to the attractively designed liquid angle indicator, which complements the organic yet highly ergonomic shapes of the side rails and boards. All of this on the innovative column construction of the chassis makes the LINET Eleganza 2 a bed which emphasises the quality of the care provided by each hospital facility.

## [01] 4SAFE SIDE RAILS WITH **Soft Drop** FUNCTION

Features soft drop side rails supported with gas springs to lower the side rail at a reduced, safe speed. Quiet operation and smooth tilt ensures the patient remains comfortable and undisturbed.



[01]

## [02] COLUMNS AND COVER OF CHASSIS

The telescopic columns are a dominant design feature of the LINET Eleganza 2 offering many advantages. The electric lifting units ensure complete stability allowing height adjustment of the bed. The linear column construction is covered by a European patent.



[02]

## [03] COLOUR CONCEPT

The colour scheme of the bed is highly variable and fully conforms to the environment of the specific facility. The silver or white bed structure can be complimented with the colour of the side rails and boards according to the needs and preferences of each market. 8 colour options are available for you to choose from.



[03]



#### BACKLIT ANGLE INDICATOR

The attractively designed angle indicator displays clearly and accurately the tilt angle of the mattress platform and backrest. At night, the backlighting can be changed to green which is a clear and intuitive indication the bed is in its lowest safe position.

# Really smart

The intelligent LINET Eleganza 2 bed can be equipped to provide information on patient safety, bed status and current maintenance requirements without the need for complex training – it is simple to use.



[01]

## [01] SAFETY MONITOR

The safety monitor intelligent system improves risk management particularly when caring for patients in an acute healthcare environment. The system automatically combines information from the bed safety features with patient vital functions, presenting this to nursing staff in an intuitive.

## [02] BED MONITOR

Patient comfort is maintained thanks to the use of contactless technology which is continually monitoring the bed's safety functions (bed height, side rail position, back rest angle, brake activation).

## [03] VITAL MONITOR

'Vital Monitor' offers a comprehensive and comfortable patient monitoring system throughout the department. 'Vital Monitor' checks for the presence of the patient on the bed and vital functions (e.g. pulse, respiratory rate).



[02]

Patient monitoring, data archiving and analysis of medical devices has a significant and positive impact upon:

- Risk Management
- Response times to patient requests for assistance
- Communication Quality; Transparency, Contactless, Mobile



BED #1	BED #2	BED #3	BED #4
Cardiograph	Cardiograph	Cardiograph	Cardiograph
60	73	15	69
100	100	100	100
100	100	100	100

# Transport made easy

The LINET Eleganza 2 can be transported with ease; thanks to the addition of a fifth castor the bed is easy to manoeuvre. In addition, other special functions reduce the demands for patient support by staff, treatment and transport becomes easier.



[02]

## [01] 5<sup>TH</sup> CASTOR

The 5<sup>th</sup> castor makes the bed significantly easier to transport. Easy turning – the 5<sup>th</sup> castor becomes a central point of rotation making manoeuvring in very tight spaces easier and keeps the bed going in a straight direction even when moving along long corridors.

## [02] HANDRAILS ON BED END

Special shaping of the handrail allows ergonomic handling of the bed by all nursing staff regardless of height. The ability to grasp the handle vertically is also ideal for bed rotation.

# Comfortable care

Increased patient comfort improves the mental well-being of the patient and helps to accelerate the recovery process. The LINET Eleganza 2 mattress platform has been designed to adapt to specific hospital conditions to offer the greatest level of patient comfort.



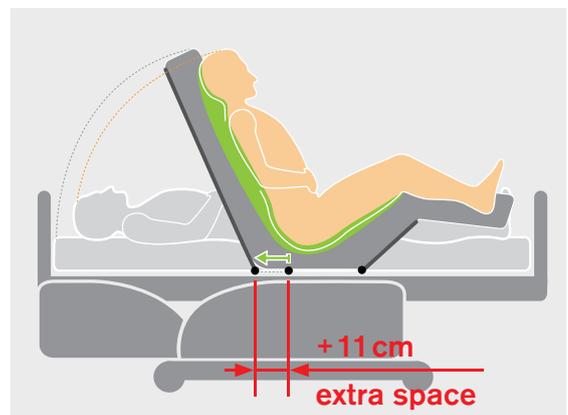
## [03] MATTRESS PLATFORM

The 90 cm wide mattress platform offers a high level of comfort to all patients.

- The specially designed ventilation channels allow air to circulate under the mattress; this has a cooling effect helping to reduce a build-up of moisture.
- Supports along the edge of the mattress platform are designed to catch and drain targeted fluids which would otherwise remain under the mattress.
- The mattress platform is made of blow moulded plastic segments enabling a thorough and efficient decontamination process.

## [04] AUTO-REGRESSION

One significant aid in the fight against pressure ulcers is Auto-regression of the mattress platform (increasing the space in the pelvic area by sliding the backrest an additional 11 cm). The result is a reduction in pressure and shear forces, significant contributors to the formation of bedsores.



[04]

# So practical and ergonomic

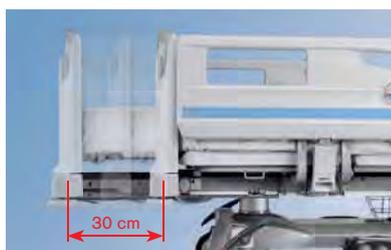
The LINET Eleganza 2 offers a whole range of smart, practical features and accessories making it user friendly for medical staff. An appropriately equipped LINET Eleganza 2 bed is a truly valuable asset to help with demanding day-to-day work and routine activities.



Universal "HANDY" box [01]



Urine bottle holder [02]



Extension of bed by 30 cm [03]



Bedding shelf [04]



Accessory rails [05]



Fixed sleeves in corners [06]



Universal holder for handset [07]



Smaller demands for space [08]

## [01] UNIVERSAL "HANDY" BOX

The "Handy" storage box can be mounted at almost any point on the bed allowing the patient to store items such as glasses or the television remote control and access them with ease; this further enhances the patient environment.

## [02] URINE BOTTLE HOLDER

Practically located urine bottle holder with angle adjustment.

## [03] EXTENSION OF BED BY 30 CM

The integrated extension of the bed makes it possible to adjust the length of the mattress platform so patients above 180cm in height are unrestricted and comfortable.

## [04] BEDDING SHELF

Located under the foot end of the bed, this shelf can be used to store bedding or the supervisor control panel.

## [05] ACCESSORY RAILS

This universal support system allows the suspension of regularly used accessories.

## [06] FIXED CORNER SUPPORTS

Supports for lifting poles and infusion stands are practically located at each corner of the bed making them easily accessible without causing an obstruction to the patient.

## [07] UNIVERSAL HANDSET / EQUIPMENT HOLDER

The upper edges of the side rails are designed to enable flexible placement of the handset holder.

## [08] REDUCED DEMAND FOR SPACE

Collapsible side rails designed to require only 6.5cm of additional horizontal space allow a table and chair to be positioned as close as possible to the bed within easy reach for the patient.



LINET

[01]

[08]

[02]

[03]

[05]

[04]

[06]

# Functional

The set of controls allow nurses to handle the LINET Eleganza 2 bed effectively and ergonomically. The patient can control some functions which contribute to their independence and good psychological welfare.



## AUTOMATIC BACKREST STOP AT 30°

Practical automatic halting of the backrest at the most frequently used angle of 30°. Operation is easy – during positioning the backrest automatically stops at 30°. This function covers one of the most basic standards in healthcare defined by GCI .



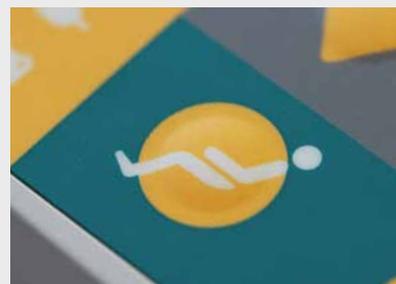
## SWITCHING OFF OF THE BACKLIGHT BUTTON

For patients who may be sensitive or disturbed by night-time backlighting, nursing staff can switch off bed chassis illumination, controller and angle indicator lighting with the touch of a single button.



## CARDIAC CHAIR

The cardiac chair position is designed to assist ventilation, ease a patients breathing and potentially offer support during drainage. It is a comfortable and natural position which the patient can use for day-to-day activities such as eating and reading.





### 1 SUPERVISOR CONTROL PANEL

The Supervisor Control Panel has an ergonomic shape with clear, user friendly graphics. The control panel has the added functionality to hold 4 pre-set positions (cardiac chair, CPR, Trendelenburg and Reverse Trendelenburg).



### 2 MOBILIFT

The activation button is now conveniently placed and integrated into the plastic side rail. By pressing the button the mattress platform is raised and enables safe, controlled and comfortable patient mobilisation.

### 3 HANDSET

This practical controller is designed for use by the patient and nursing staff allowing control of the basic functions including backrest tilt and bed height adjustment. The controller has an integrated examination light with optional backlit keypad.



### 4 SIDE RAIL CONTROLS

The integrated controller located in the side rail is easily accessible to the patient and makes it possible to configure the basic position of the bed. A less mobile patient can also access and use the controller.

### GO BUTTON

Pressing the 'GO' button activates the control panel for period of up to 3 minutes from the last push. Controllers are therefore locked during periods of inactivity and cannot be accidentally activated.



### 5 PATIENT SATELLITE CONTROL UNIT

The control symbols are large and highly visible. Buttons are colour differentiated with relief design for patients with poor eyesight or visual impairment.



### 6 FOOT CONTROLS

The foot controller is located on the chassis of the bed along both sides and enables the easy configuration of the height and examination position. It is fitted with a mechanical protector to prevent accidental activation.



# Technical parameters

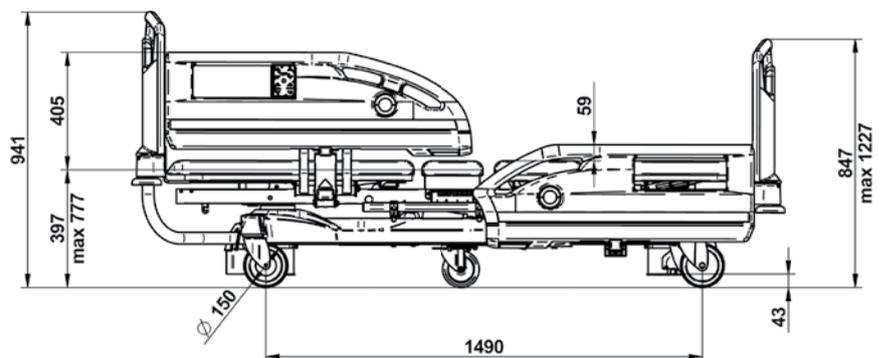
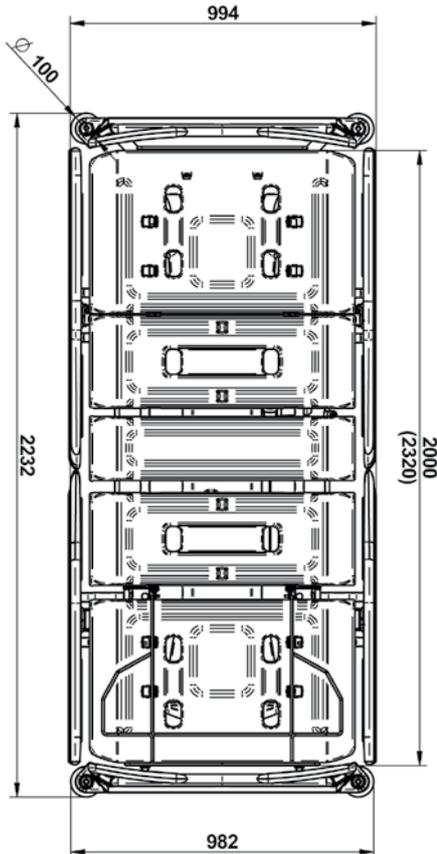
## TECHNICAL PARAMETERS

Customer requirements are fully considered in the design and manufacturing of LINET bed systems, specifically in terms of minimum bed width which is now less than 100cm. The bed is able to fit into more confined spaces such as lifts and smaller rooms often found in older healthcare facilities.

With a loading area of 90cm, the mattress platform still provides maximum patient comfort and in this segment of universal beds, extra versatility with safe working loads of up to 250kg are available.

TECHNICAL PARAMETERS	
Parameter	Value
External dimension	99.5 × 223 cm
Bed extension	31 cm
Bed Height (Hi-Lo adjustment)	39.5–77.5 cm
Internal dimension / (compatible with mattress width)	200 × 90 cm / (90 and 86 cm)
Max. mattress height	18 cm
Height of split plastic side rails	40.5 cm
Weight of Bed	140 kg
SWL – Safe Working Load	250 kg
Max. Patient Weight	185 kg
Ergoframe®	11 cm
Maximum Backrest Angle	70°
Maximum Thigh Rest Angle	35
Calf rest angle	21°
TR/RTR angle	16°/16°
Lifting pole bearing capacity	75 kg
Clearance of undercarriage	15 cm with 150 mm Tente castors

ELECTRICAL PARAMETERS	
Parameter	Value
Standard	IEC : 60601-2-52:2010
IP protection	Generally the bed is IPX4
Overload protection	YES



	Feature / functions	Standard
BED ENDS	Plastic bed ends	■
	Decor	■
	Removable	■
	Locking mechanism (one button – with automatic locking)	■
	IV Poles/ Lifting pole holders (×4 – one in each corner of the bed)	■
	Constant height of head end	■
SIDE RAILS	Split plastic side rails (Protect full length of mattress platform)	■
	Decor	■
	Liquid Angle indicator in head side rails 0–90°	□
	Backlit liquid angle indicator in head and side rails 0–90°	UNIQUE □
	Signalling of lowest "safe" position	SAFE+ Concept □
	Liquid Angle indicator in foot side rail +20° –20°	□
	Release mechanism with soft drop function (6.5cm additional bedside space required)	NEW ■
	Holdings for urine bag integrated into split plastic side rails	NEW ■
Universal side rail – Junior Kit protection (for children above 90cm in height)	UNIQUE □	
MATTRESS PLATFORM	4 section mattress platform	■
	Backrest adjustable (electric)	■
	Thigh rest adjustable (electric)	■
	Calf rest adjustable (hand operated ratchet and release mechanism)	■
	Auto-regression (additional 11 cm mattress platform length)	■
	Blow moulded mattress platform (covers complete bed undercarriage)	■
CONTROLS	Supervisor Control Panel (attached via extendable, coiled cable)	■
	Handset (attached via extendable, coiled cable)	■
	Backlit handset (attached via extendable, coiled cable)	□
	Plug and play (for hand set – on accessory rails)	□
	Double plug and play (for handset – on accessory rails)	□
	Satellite Control Panel	□
	Mobilift Button (Up/Down control – integrated into head side rails)	UNIQUE □
	Controls (integrated into plastic side rails)	□
	Backlit controls (integrated into plastic side rails)	□
	Foot controls (with 'GO' button activation)	□
CONSTRUCTION	Column construction (2 columns)	UNIQUE ■
	Linen Shelf (steel construction as per Eleganza Smart)	□
	EMR Ready	UNIQUE ■
	Accessory rail (50 cm)	□
	Electric overload protection on each motor	■
	Manual CPR handle	■
	Space for universal holders on top of side rails	UNIQUE ■
	One button 30° of back rest (on handset and ACP)	UNIQUE □
UNDERCARRIAGE, BRAKES and CASTORS	Central operation of castors and brakes	■
	Castors Tente 150 mm	■
	Brake levers, positioned next to foot end castors	■
	Brake levers, positioned next to head end castors	□
	Plastic undercarriage cover, single piece construction	□
	Steel undercarriage cover	□
	5 <sup>th</sup> castor	□
	Brake alarm	□
	Night light	□

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Želevčice 5, 274 01 Slaný, Czech Republic  
tel.: +420 312 576 111, fax: +420 312 522 668, e-mail: [info@linet.com](mailto:info@linet.com), [www.linet.com](http://www.linet.com)