

# HOSPITAL BED GENEO

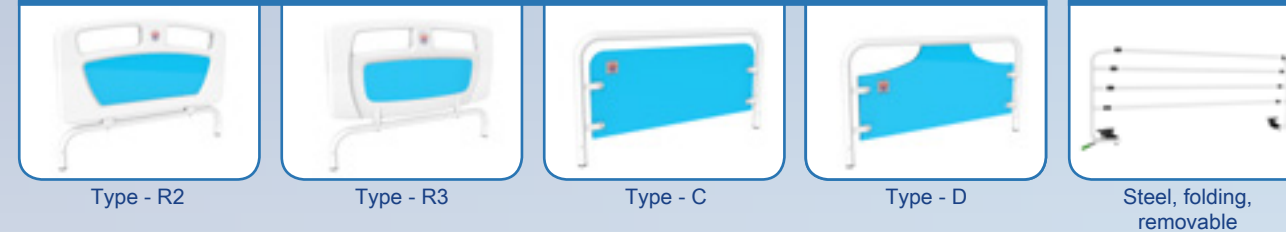


GENEO series set the new trends for standard hospital ward beds. Combination of the innovated adjusting mechanisms, modern design, increased safe working load and user friendly electronic system fully comply with high requirements of today's hospital care. Users and hospital staff will appreciate small details like a protractor with indication of fowler and semi fowler positions, patient lamp integrated into the hand controller, preprogrammed one button functions or linen holder with storage for nurse control panel. Beds are equipped with electrical positioning of the back and femoral part of the mattress platform. Electrical lift positioning of the mattress platform is supplemented by electrical functions Trendelenburg and cardiac chair. Their main advantage is the possibility of configuration to suit specific customer requirements and a wide range of accessories. Beds fully comply with European standard IEC 60601-2-52:2010.

- Intuitive control elements
- System of double autoregression
- Electrical Trendelenburg and cardiac chair functions
- Choice of two mattress platform widths
- Wide range of optional modifications
- Hand controller with integrated patient lamp

## OPTIONAL MODIFICATIONS

### HEAD AND FOOT BOARDS



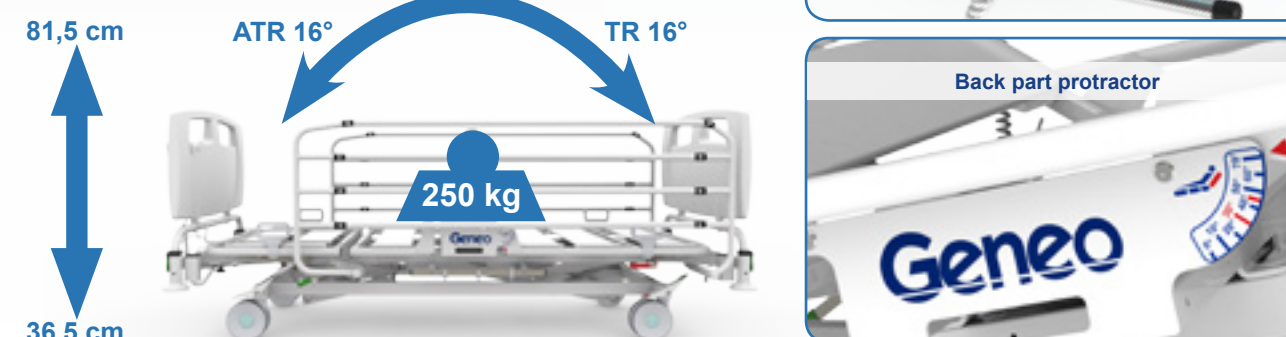
### MATTRESS PLATFORMS



### CONTROLS



### EXTRAS



### Colour sampler of HPL



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GE-51-H20  
GE-51-H25



GE-51-H30  
GE-51-H35

TECHNICAL PARAMETERS	GE-51-H10 / GE-51-H15	GE-51-H20 / GE-51-H25	GE-51-H30 / GE-51-H35
Mattress platform dimensions (L x W)	200 x 85 (90 cm)	200 x 85 (90 cm)	200 x 85 (90 cm)
Overall dimensions (L x W)	215 x 97 (102) cm	215 x 97 (102) cm	215 x 97 (102) cm
Height of patient area	36,5 – 81,5 cm	36,5 – 81,5 cm	36,5 – 81,5 cm
Safe working load	250 kg	250 kg	250 kg
Trendelenburg / Antitrendelenburg	16° / 16°	16° / 16°	16° / 16°
Autoregression (Back / Femoral part)	10,5 / 8 cm	10,5 / 8 cm	10,5 / 8 cm
Back part angle	72°	72°	72°
Femoral part angle	40°	40°	40°
Calf part angle	25°	25°	25°

Note: The technical parameters apply for the above mentioned versions. The parameters may vary depending on the product configuration.



GENEO

KEY FEATURES

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KEY FEATURES



GE-51-H10  
GE-51-H15

Mattress platform width	90 / 85 cm	90 / 85 cm	90 / 85 cm
Mattress platform	removable plastic lamellae	steel lamellae	steel lamellae
Head and foot boards	type R3	type R3	type C
Side rails	steel, folding, removable	steel, folding, removable	steel, folding, removable
Nurse control panel	✓	✓	✗
Patient controller	✓	✓	✓
Backup battery	✓	✓	✓
Double autoregression	✓	✓	✓
CPR mechanical	✓	✓	✗
Length extension	mechanical (20 cm)	mechanical (20 cm)	mechanical (20 cm)
Calf part extension	✓	✗	✗
Linen holder	✓	✓	✗
Universal accessories holder	4x	4x	4x
Stainless steel bars for accessories	✓	✓	✓
Wheels	150 mm central, double plastic	125 mm central, plastic	125 mm central, plastic
Central brake	4x pedals	2x pedals	2x pedals

## MAXIMUM SAFETY

Safety against interception or wedging of individual body parts of the patient is achieved by fulfilling the European standard IEC 60601-2-52:2010. All PROMA REHA beds achieve complete elimination of pinch points and minimization of gaps within reach of the patient. Raised side rails also protect the patient from falling out of the bed even when using tall active anti-decubitus mattresses.

## HEAD AND FOOT BOARDS

They provide excellent protection of the patient from falling out of the bed as well as sturdy support during the bed movement. Disinfection and maintenance is very easy thanks to a smooth surface and the design of the boards.

## CHOICE OF DESIGN

Option to choose variety of colours and motifs of infills.

## MATTRESS PLATFORM WIDTH

Width selection offers to a customer the opportunity to choose the option that will fully comply with the placement of the bed and at the same time provide maximum comfort for the patient.

## NURSE CONTROL PANEL

The innovated nurse control panel provides comfortable and safe operation of the bed in every situation. The combination of basic positioning functions and special one-touch functions ensures immediate and accurate adjustment of the bed to the required position. Integrated LED signalization offers clear overview of the current status for all control and positioning functions and alert signalization. Nurse control panel ensures possibility of locking patient hand controller functions.

## LINEN HOLDER

Pull-out shelf with tilting part used to set aside bedding is a great help when changing bed sheets. The holder can be also used as a storage for the nurse control panel.

## **MOUNTING SYSTEM OF HEAD AND FOOT BOARDS**

Robust and safe system of the boards mounting protects against accidental pulling up and provides perfect strength during manipulation with the bed. Its ease of use allows quick removal for immediate resuscitation.

## WHEELS

High-quality bearings and reduced rolling resistance of the medical wheels makes transport and handling of the bed much easier and it helps the nursing staff. The wheels are made of permanent non-marking material. Plastic wheel covers facilitate cleaning, protect the bearings from the dirt and significantly extend their lifetime.

## PATIENT CONTROLLER

Ergonomic patient controller makes it easy to operate the bed by one hand. The controller is equipped with a function against unintended use and enables locking of individual functions. The controller is equipped with backlight and upon request of the customer can be equipped with integrated patient lamp.

## CENTRAL BRAKE

Safe handling of the bed is ensured by foot pedals controlled brake. Easy operation by foot pedals accessible from both sides of the bed allows immediate braking in the case of an impending collision. The option of locking wheels for driving in a straight line facilitates handling of the bed.

## EXTENSION OF THE MATTRESS PLATFORM

Stepless extension of the platform up to 20 cm brings comfort also to taller patients.

## ELECTRIC LIFT OF THE MATTRESS PLATFORM

Wide lifting range of the mattress platform reduces the effort made by nursing staff and makes manipulation with the patient very easy. The lowest position of the mattress platform helps the patient when getting out of the bed and significantly reduces the risk of accidental fall.

## BACKUP BATTERY

The bed is equipped with high capacity backup battery in case of power failure or transportation. Battery is intended for emergency situations. Thanks to battery the bed could stay in stand-by mode for several days.

## COMFORTABLE ADJUSTMENT

Electrical adjustment of the back and femoral parts combined with the mechanical positioning of the calf part offers a wide range of settings of the individual sections of the platform. The nursing staff and the patient himself can easily set individual positions using the hand controller.

## MATTRESS HOLDERS

Plastic holders provide optimal placement of the mattress when adjusting the bed platform and keep the mattress from slipping off the bed. Holders can be folded to use of wider mattress.

## FOLDING REMOVABLE SIDE RAILS

Easy folding side rails use two independent movements to reduce the risk of accidental fold down. During folding of the side rails there is no risk of pinching or catching a hand. Fully folded side rails are placed sufficiently below the level of the mattress so they do not interfere with the patient when exiting the bed. Easily removable side rails improve movement through narrow spaces.

## UNIVERSAL ACCESSORY HOLDER

Compatibility of the bed with accessories is ensured by universal brackets mounted at the head board or foot board. They allow the use of common accessories such as lifting pole, IV pole, patient lamps or extension set.

## CPR

Using CPR lever will ensure safe and quick adjustment of the back part of the mattress platform into the most advantageous position for immediate cardiopulmonary resuscitation.

## BACK PART PROTRACTOR

System of autoregression is improved by the automatic indication of back part angle. It allows easy setting of Fowler's and Semi-Fowler's positions.

## DOUBLE AUTOREGRESSION

An automatic receding of the back and femoral part from the pelvic part during adjustment significantly reduces the effect of shear force and pressure on the patient which are the main cause of pressure sores - decubitus. Double autoregression gives patients greater comfort and reduces negative feelings that commonly arise when adjusting a bed without this feature.

## TRENDELENBURG AND ANTITRENDELENBURG

Lift mechanism allows positioning of the patient into Trendelenburg and Antitrendelenburg position with minimal effort and physical exertion. Electric adjustment of the mattress platform into these positions reduces the burden on nursing staff and saves time for the performance of routine activities.

## UNDERCARRIAGE BACKLIGHT

To safely exit the bed at night, the bed can be equipped with LED illumination of the undercarriage. The light comes on automatically in the lowest position of the bed or it can be activated by the patient using the hand controller. Backlight ensures better patient orientation which helps him to stand up safely.