



MECHANICAL HOSPITAL BED PLH



Beds PLH are fully adjustable and independent of electric power supply designed for standard hospital care. They are equipped with gas-spring positioning of the back and the femoral part of the mattress platform. Hydraulic lift positioning of the mattress platform can be supplemented by mechanical function Trendelenburg. Their main advantage is the possibility of their configuration to suit specific customer requirements and a wide range of accessories. Beds fully comply with European standard IEC 60601-2-52:2010.

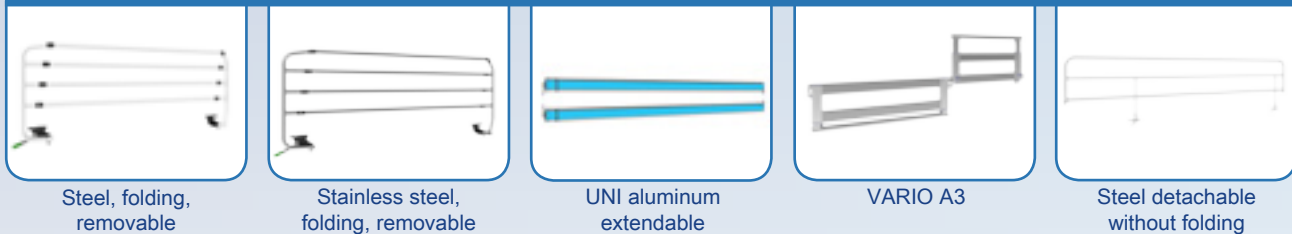
- Independent of electric power
- Wide range of options
- Safe working load up to 250 kg
- System of double autoregression

OPTIONAL MODIFICATIONS

HEAD AND FOOT BOARDS



SIDE RAILS



MATTRESS PLATFORMS

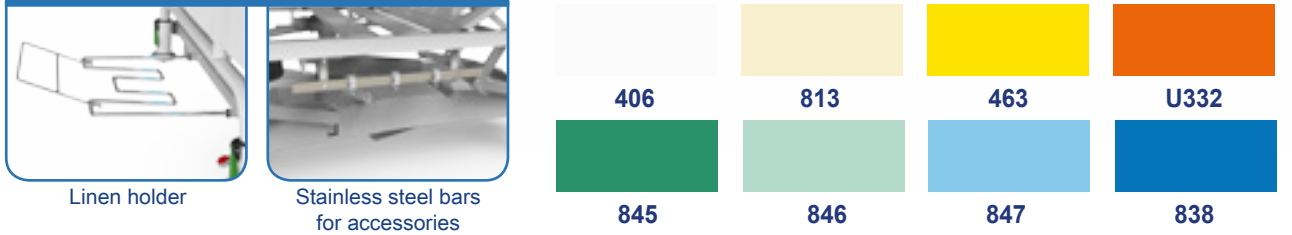


WHEELS

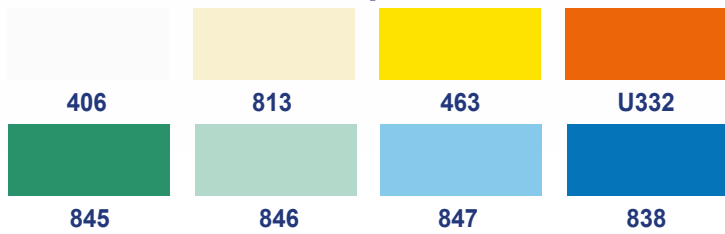


EXTRAS

EXTRAS




Colour sampler of HPL



Colour match to (powder coated metal sampler RAL; HPL sampler) * Colour match to (powder coated metal sampler RAL; HPL sampler)

- 022 Light yellow * (RAL 1018; HPL 463)
- 025 Brimstone yellow
- 032 Light red * (RAL 3020)
- 036 Light orange * (RAL 2003; HPL U332)
- 040 Violet
- 043 Lavander
- 042 Lilac
- 041 Pink * (RAL 4010)
- 046 Brilliant blue
- 052 Azure blue * (RAL 5015; HPL 838)
- 053 Light blue
- 056 Ice blue * (RAL PR847; HPL 847)
- 054 Turquoise
- 055 Mint * (RAL PR846; HPL 846)
- 061 Green * (RAL...; HPL xxx)
- 062 Light green
- 064 Yellow green * (RAL 6018)
- 063 Lime-tree green
- 080 Brown
- 083 Nut brown
- 082 Beige * (RAL 1015; HPL 813)
- 072 Light grey * (RAL 7035)
- 090 Silver grey * (RAL 9006)
- 091 Gold

TECHNICAL PARAMETERS

Mattress platform dimensions (L x W)	200 x 85 (90) cm	
Overall dimensions (L x W)	215 x 97 (102) cm	
Height of mattress platform	39,5 - 79 cm	optional 38,5 - 80 cm (SWL 220 kg)
Safe working load	250 kg	
Trendelenburg / Antitrendelenburg		optional 16° / 15°
Back part autoregression	12 cm	
Femoral part autoregression	6 cm	
Back part angle	73°	
Femoral part angle	40°	
Calf part angle	25°	

Note: The parameters may vary depending on the product configuration.

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Note: The color patterns may slightly vary from the actual colors.

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LH-51-H10
LH-51-H15

STANDARD VERSIONS	LH-51-H10 / LH-51-H15	LH-51-H20 / LH-51-H25	LH-51-H30 / LH-51-H35
Mattress platform width	90 / 85 cm	90 / 85 cm	90 / 85 cm
Mattress platform	ABS plastic	steel lamellae	steel lamellae
Head and foot boards	type R3	type C	type C
Side rails	steel, folding, removable	steel, folding, removable	steel, folding, removable
Double autoregression	✔	✔	✔
Length extension	mechanical (20 cm)	mechanical (20 cm)	mechanical (20 cm)
Universal accessories holder	4x	4x	4x
Undercarriage plastic cover	✔	✔	✘
Wheels	125 mm central, plastic	125 mm central, plastic	125 mm metal with brake
Central brake	2x pedals	2x pedals	✘

LINEN HOLDER

Pull-out shelf with tilting part used to set aside bedding is a great help when changing bed sheets.

EXTENSION OF THE MATTRESS PLATFORM

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

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.

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 lamp or extension set.

MOUNTING SYSTEM OF HEAD AND FOOT BOARDS

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

TRENDELENBURG AND ANTITRENDELENBURG POSITION

This undercarriage offers secure tilt control of the mattress platform using a foot pedal. Immediate achievement of special positions is independent on power supply - operation is mechanical. Automatic balancing of the mattress platform tilt in min or max height of the mattress platform.

CENTRAL BRAKE

Safe handling of the bed is ensured by a centrally 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.

MATTRESS PLATFORM WIDTH

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

MATTRESS HOLDERS

Holders provide optimal placement of the mattress when positioning the bed platform and keep the mattress from slipping off the bed.

COMFORTABLE POSITIONING

Positioning of the back and the femoral parts using a gas springs in combination with the mechanical positioning of the calf part offers a wide range of settings of the individual sections of the platform. In conjunction with the hydraulic lift the bed then becomes fully independent of electric energy. The nursing staff can easily set individual positions using levers located on both sides of the bed.

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.

PLASTIC MATTRESS PLATFORM

Easily removable plastic platform helps to faster and more efficient disinfection of the bed. Each part has a unique shape which prevents misplacement when putting back on the bed. Molded parts contain holes which help to dissipate moisture from underneath the patient. The parts are protected against unwanted falling out when positioning the platform.

DOUBLE AUTOREGRESSION

An automatic receding of the back and femoral part from the pelvic part during positioning significantly reduces the effect of shear forces 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 arises when positioning a bed without this feature.

PLASTIC UNDERCARRIAGE COVER

Simplifies and speeds up cleaning of the undercarriage of the bed. Protects mechanisms and drives on the undercarriage and thus increases the reliability and durability of the bed.

SAFE WORKING LOAD

Solid and stable construction with the weight capacity up to 250 kg make safe support even for patients with higher body weight. Thanks to the used materials and technologies is ensured long lifetime even when operating with increased load repeatedly.

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 and shall not restrict the patient when getting out the bed. Easily removable side rails improve movement through narrow spaces.

HYDRAULIC LIFT OF THE MATTRESS PLATFORM

Lifting of the mattress platform is controlled by foot pedals accessible from both sides of the bed. Increased 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 the bed and significantly reduces the risk of accidental fall.

WHEELS

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