

VISION

KEY FEATURES



X-RAY SCREENING

VISION bed is designed for resuscitation departments and specialized intensive care units where the ability to perform X-ray examination of patients on the bed is desired. The design of the mattress platform allows continuous screening by C-arm or conventional X-ray screening with X-ray cassettes. The inovated system of the cassette holder allows easy access from the side of the bed without needs of back part moving. The holder can be also set to desired position under the patient.

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.

INTEGRATED CONTROLS IN THE SIDE RAILS

They gives us intuitive one hand operation of the bed. The controls are conveniently located in the center of the back part side rails and are available to the patient in all positions of the mattress platform. The controls are equipped with an activation button against accidental activation of contained functions.

CPR

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

LATERAL TILT

Double-sided lateral tilt significantly reduces the physical effort of nursing staff in daily patient care, especially when turning the patient, performing his hygiene and changing bed linen. A maximum patient safety is ensured by raised protective side rails. The nursing staff will appreciate the lateral tilt in combination with a foot control. When adjusting the mattress platform by the foot control the nursing staff have both hands free.

TRENDELENBURG AND ANTITRENDELENBURG POSITION

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

DOUBLE AUTOREGRESSION

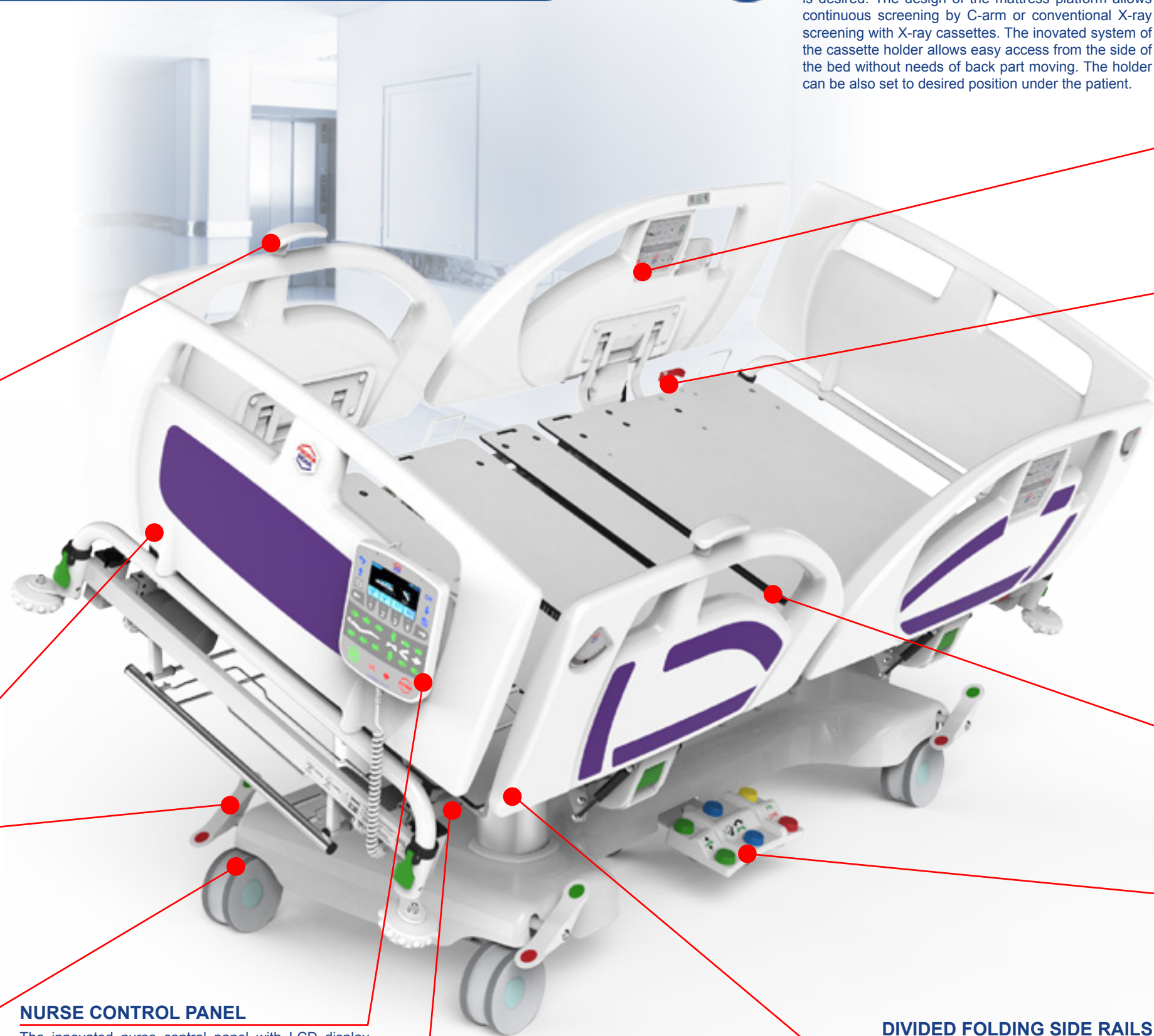
An automatic receding of the back and femoral part from the pelvic part during adjusting significantly reduces the effect of shear force and pressure on the patient which are the main cause of pressure sores - decubitus. Double autoregression gives patients greater comfort and reduces negative feelings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

FOOT CONTROL PANEL

The bed can be equipped with a foot controller with electronic protection against accidental activation. Standard controls like the mattress platform lift, lateral tilt, examination position and resuscitation position are accompanied by a safety activation button located on the underside of the foot controller. In case that patient falls on the foot controller no unintentional positioning will happen.

LATERAL TILTING THERAPY

The combination of double-sided lateral tilt and intelligent nurse control panel with LCD display brings entirely new configuration options and the use of lateral tilting therapy. This therapy is especially beneficial for patients with high probability of developing postoperative respiratory complications and patients at high risk of developing pressure sores. Nursing staff will appreciate the ability to easily setup individual parameters of the chosen therapy.



5TH WHEEL

By using a mechanical foot pedal in the middle of the undercarriage a 5th wheel can be activated. This greatly facilitates steering of the bed during transportation. This function is convenient for frequent long distance transportation.

STABLE 3-COLUMN CONSTRUCTION

Lifting of the mattress platform is provided by three electric columns which firmly connect the undercarriage with the mattress platform and ensure its extreme stability and load capacity. Resilient and non-absorbent materials make cleaning easier and reduce the time required for these activities.

MOBILIZATION HANDLE AND GET OUT FUNCTION BUTTON

Mobilization handle in combination with get out function significantly simplifies getting out of the bed. One touch get out function helps the patient to get into a sitting position and then using special combination of movements of the mattress platform assists him to the upright position. During this positioning, the patient supports himself by the integrated side rail handle and by mobilization handle.

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.

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.

UNBRAKED BED ALARM

The bed can be equipped with an audible alarm which will warn the personnel about a disengaged brake while the bed is connected to the mains. Signalling serves as a preventive protection against damaging the bed by ripping the power cable off.

CHOICE OF DESIGN

Option to choose variety of colours and motifs of infills.

CENTRAL BRAKE

Safe handling of the bed is ensured by foot pedals controlled brake. Easy operation by foot pedals accessible from each corner of the bed allows immediate braking. Bed could be equipped with 5th wheel for easy driving.

SAFE WORKING LOAD

Solid and stable construction with the weight capacity up to 300 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.

NURSE CONTROL PANEL

The inovated nurse control panel with LCD display provides comfortable and safe operation of the bed in every situation. The combination of basic positioning functions, special one-touch functions and LCD display ensures immediate and accurate adjustment of the bed to the required position. Integrated colour graphic display offers clear overview of the current status for all control and positioning functions, alert signalization and warning alarms. The controller is also enhanced by the automatic weighing system with a simple setup of weighing modes, evaluation of measured values and display of results in form of graphs.

ELECTRICAL EXTENSION OF MATTRESS PLATFORM

Electrical control of length extension provides easy setting of optimal mattress platform length. The extension up to 20 cm brings comfort to taller patients.

DIVIDED FOLDING SIDE RAILS

Protection of the patient on the bed is provided by divided folding side rails with easy intuitive operation. Robust mechanisms guarantee high strength and superior lifetime of the side rails. For the event of uncontrolled drop they are equipped with shock absorbers. Thanks to the movement of the back part side rails at head part together with the back part of the mattress platform a maximum protection of the patient in all positions is guaranteed. In the lowest position, the folded side rails are kept sufficiently below the level of the mattress and shall not restrict the patient when getting out.

STANDARD VERSIONS	VI-51-H10	VI-51-H20 / VI-51-H25	VI-51-H30 / VI-51-H35
Mattress platform width	90 cm	90 / 85 cm	90 / 85 cm
Mattress platform	HPL (X-ray compatible)	HPL (X-ray compatible)	HPL (X-ray compatible)
Back part adjusting	electrical	electrical	electrical
Femoral part adjusting	electrical	electrical	electrical
Calf part adjusting	electrical	mechanical	mechanical
Head and foot boards	type R3	type R3	type R3
Side rails	type ZPM4	type ZPM4	type ZPM4
Nurse control panel	with LCD	with LCD	without LCD
Patient controller	built-in side rails	built-in side rails	built-in side rails
Get out function button	✓	✗	✗
Handles for easy exit	✓	✗	✗
Foot control panel	✓	✓	✗
Backup battery	✓	✓	✓
Double autoregression	✓	✓	✓
CPR mechanical	✓	✓	✓
Lateral tilt	✓	✓	✗
Scale system with „bed exit alarm“	✓	✓	✗
Signalization of unbraked wheels	✓	✓	✗
Undercarriage backlight	✓	✗	✗
Lateral tilting therapy	✓	✗	✗
Length extension	electrical (20 cm)	mechanical (20 cm)	mechanical (20 cm)
Adjustable X-ray cassette holder	✓	✗	✗
Back part X-ray cassette holder	✓	✓	✓
Linen holder	✓	✓	✓
Universal accessories holder	4x	4x	4x
Undercarriage plastic cover	✓	✓	✓
Stainless steel bars for accessories	✓	✓	✓
Wheels	150 mm double plastic	150 mm double plastic	150 mm double plastic
5 th wheel	✓	✓	✗
Central brake	4x pedals	steel bar	steel bar