



Columns	Linear actuator	Number of bed base
223	98	43'6 - 83'6
Maximum standard length	Maximum standard width	Standard heights
Trend / Reverse trend	Cardiac chair	CPR
SWL 250	MPW 185	

Features

TechnoPlus ICU bed is specially designed to use on Intensive Care Unit (ICU). This bed has been conceived with a two rectangular elevation columns system, which provides the bed better stability and durability.

Some of their principal features are:

- To transport easier:

Lightweight. It has four castors with high rolling, wear and rust resistance. It has a minimum noise emission whilst moving.

It has a centralised braking system by a bar, which is localised on the footboard zone.

- Easy and intuitive using:

Lifting system by two rectangular columns. The columns use also facilitates the bed cleaning, the number of structure pieces is reduced and therefore the infection probability is reduced as well.

TechnoPlus ICU has also an integrated weighing system on side rails that allows the tracking and monitoring of the patient condition.

Depending on the bed options, the bed can have a wired control for the patient and another with function blocking and

pre-programmed functions for the nursing staff, as well as membranes in the bed side rails.

The battery has the function to allow us to use all the beds characteristics even when there is not a power socket near. It can perform more than 300 complete movements.

- Encourage the welfare of patient:

The backrest section is X-ray transparent, ready to use with X-Ray.

Extended bed base until 30 cm.

Double-regression system (15 cm). This system minimize the pressure in the sacrum zone of patient to reduce the risk of pressure ulcers.

Articulated footrest section in different positions by gas spring system.

- Other advantages:

3 HPL removable bed base sections (backrest, legrest and footrest), without tools, and fixed central section made by sheet steel.

All of components of bed are easy to clean and have a high antibacterial protection.

Polypropylene side rails with hand grip zone to help the patient sitting and exit the bed. Folding system by gas spring.

Easily removable head and foot boards with locking system.

4 protection cylinders localised in the corners that avoid the shocks reducing the impacts and damage of bed.

2 guides localise on both sides of bed to hang up drain hooks. There are include four drain hooks on each guide.

4 mattress retainers in feet and thorax. Customizable vinyls.

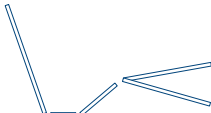
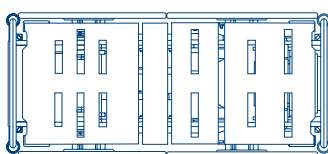
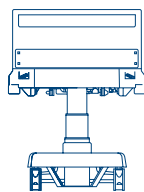
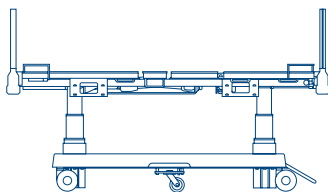
- Furthermore the TechnoPlus ICU bed disposes of a wide range of accessories and complements, which provide to comply the hospital and patient needs for their comfort and welfare.



Technical information

Total length with headboard and footboard*	223 cm ± 1 cm.
Total width with side rails	98 / 100 cm ± 1 cm.
Minimum / Maximum height of bed base	
<ul style="list-style-type: none"> Double wheel (Ø150 mm). 	43'6 / 83'6 cm ± 1 cm.
<ul style="list-style-type: none"> Integral wheel (Ø150 mm) 	44'4 / 85 cm ± 1 cm.
Free height from floor to columns system	
<ul style="list-style-type: none"> Double wheel (Ø150 mm). 	5 cm.
<ul style="list-style-type: none"> Integral wheel (Ø150 mm) 	5'8 cm.
Crane passing clearance height	
<ul style="list-style-type: none"> Double wheel (Ø150 mm). 	18'3 cm.
<ul style="list-style-type: none"> Integral wheel (Ø150 mm) 	19 cm.
Wheels diameter	15 cm.
Length of extended bed base	30 cm.
Width of bed base sections	85 / 88 cm.
Length of bed base sections	79 / 17 / 32 / 62 cm.
Bed base double-regression	15 cm ± 1 cm.
Angle of backrest tilting	65° ± 5°
Angle of legrest tilting	47° ± 2°
Angle of footrest tilting	18° / 7° ± 2°
Angle of Trend / Reverse trend tilting	17° / 17° ± 2°
Maximum patient weight (MPW)	185 kg.
Safe working load (SWL)	250 kg.
Unladen bed weight	From 125 kg to 150 kg.
Recommended dimensions of mattress	85 x 200 / 88 x 200 cm.

*The total length of the bed is 227 cm ± 1 cm, when the bed has anchored headboard.



Configuration

Standard			
Protection	Transport	Wellness	Others
Integral side rails	Integral wheels Ø150mm	Spring gas for foot section	Drain hooks
Removable curved footboard	Centralised braking system	Removable HPL bed base	Weighing on side rails
		Sheet steel central section	Battery
			Pardo P.288 vinyl (1)

Optional			
Protection	Transport	Wellness	Others
Anchored headboard	Double wheels Ø150mm	Table under footboard	Braking alarm
	5th wheel		Light under bed (2)
			Customizable vinyl (3)

● Mandatory standards
○ Changeable options

Control remote configuration

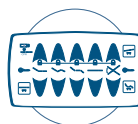
Step 1 - Choose one of two options of control remote with locking.

Option 1: Patient hand control with locking



Hand control patient (4)

Option 2: Nursing hand control with locking



Nursing control



Nursing control

Others controls to add



Membrane of side rails

Other controls to add



Patient control with light



Patient control without locking



Patient control with light



Patient control without locking



Lifting pedal



Lifting pedal

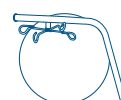
Electrical information

Lifting bed system	2 Columns
Tilting backrest system	Linear actuator
Tilting legrest system	Linear actuator
Voltage	120 V - 220 V ó 220 V
Frequency	50 - 60 Hz
Electrical shock protection / penetration liquid	Class II / Type B / IPX6
Maximum consumption	Máx. 3 15A (Maximum 400 W)
Intermittent operation of actuator	10% 2 min. - 18 min.

Accessories



IV-Pole with 2 hooks



IV-Pole with 4 hooks



Trapeze bar



Techno Trapeze bar



X-ray cassette tray



Balkan frame



Tilting table



Tank holder

Standards

- UNE EN ISO 12100 Standard.
- UNE EN 20324 Standard.
- UNE EN 60204-1 Standard.
- UNE EN 60601-1 Standard.
- UNE EN 60601-1-2 Standard.
- UNE EN 60601-2-52 Standard.
- EN 45501-95 Standard

EN 60601-2-52:2010 test

- Electrical and Electromagnetic test made in ITA (Instituto tecnológico de Aragón).
- Mechanical test of side rails made in IBV (Instituto Biomecánico de Valencia)