



Columns	Linear motor	Number of bed base
227	98	50 - 90
Maximum standard length	Maximum standard width	Standard heights
Trend / Reverse trend	Cardiac chair	Lateral tilting
CPR	250 SWL	185 MPW

This data sheet is valid for the following bed models:

- HiTech
- HiTech with weighing.

Features

HiTech bed is equipped with the most advanced technology for the patient intensive care. Special design for ICU areas.

Its three rectangular lifting and lateral tilt columns are safety and durability warranty. Multiple options are available to satisfy the patient care necessities, which optimize the work of the caregivers.

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 and Lateral tilting systems by three 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.

The battery has the function to allow us to use all the beds characteristics even when there is not a power socket near.

- Encourage the welfare of patient:

The lateral tilting function allows patient better oxygenation to avoid complications and facilitates his dairy care.

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

Extended bed base until 26 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.

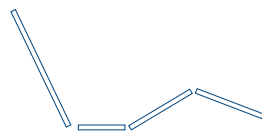
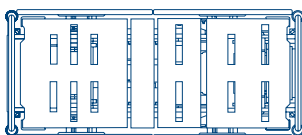
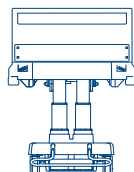
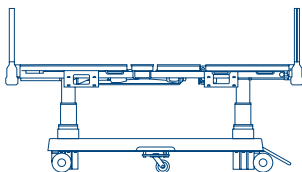
Customizable vinyls.

- Furthermore the HiTech 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 anchored headboard and footboard	227 cm. ± 1 cm.
Total width with side rails	98 cm. ± 1 cm.
Minimum / Maximum height of bed base (without weighing)	
▪ Double wheel (Ø15 cm).	50 / 90 cm. ± 1 cm
▪ Integral wheel (Ø15 cm)	51 / 91 cm. ± 1 cm
Minimum / Maximum height of bed base (with weighing)	
▪ Double wheel (Ø15 cm).	51 / 91 cm. ± 1 cm
▪ Integral wheel (Ø15 cm)	52 / 92 cm. ± 1 cm
Free height from floor to columns system (without weighing)	
▪ Double wheel (Ø15 cm).	4,5 cm.
▪ Integral wheel (Ø15 cm)	5 cm.
Free height from floor to columns system (with weighing)	
▪ Double wheel (Ø15 cm).	5 cm.
▪ Integral wheel (Ø15 cm)	6 cm.
Crane passing clearance height	
▪ Double wheel (Ø15 cm).	18 cm.
▪ Integral wheel (Ø15 cm)	19 cm.
Wheels diameter	
	15 cm.
Length of extended bed base	
	26 cm.
Length of bed base sections	
	79 / 17 / 32 / 62 cm.
Width of bed base sections	
	83 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	
	18° / 18° ± 2°
Angle of lateral tilting	
	20° ± 2°
Maximum patient weight (MPW)	
	185 kg.
Safe working load (SWL)	
	250 kg.
Unladen bed weight	
	160 kg.
Recommended dimensions of mattress	
	85 cm x 200 cm.



Configuration

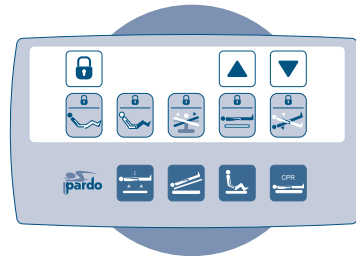
Standard			
Protection	Transport	Wellness	Others
Integral side rails	Double wheels Ø15 cm	Spring gas for foot section	Drain hooks
Removable curved footboard	Centralised braking system	Removable HPL bed base	Battery
Anchored headboard		Sheet steel central section	Pardo P.288 vinyl (1)

Optional			
Protection	Transport	Wellness	Others
Side rails for safety exit	Integral wheels Ø15 cm	Table under footboard	Braking alarm
	5th wheel		Light under bed (2)
			Weighing on side rails (3)
			Customizable vinyl (4)

Mandatory standards
 Changeable options

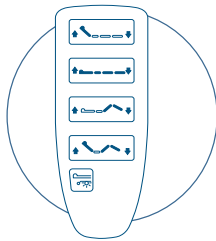
Control remote configuration

Control with lockings

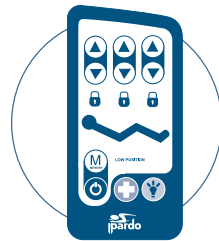


Nursing control

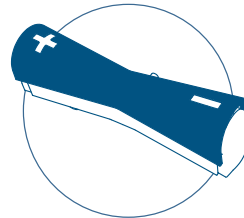
Other controls to add



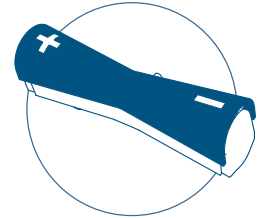
Patient control with light



Membrane of side rails



Lifting pedal



Lateral tilting pedal

Electrical information

Lifting and Lateral tilting bed system	3 columns
Tilting backrest system	Linear actuator
Tilting legrest system	Linear actuator
Voltage	230 V
Frequency	50 - 60 Hz
Electrical shock protection / penetration liquid	Class I / Type B / IPX6
Maximum consumption	3 A
Intermittent operation of actuator	10% 2 min. - 18 min.

Accessories



IV-Pole with 2 hooks



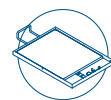
IV-Pole with 4 hooks



Trapeze bar



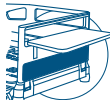
Techno Trapeze bar



X-ray cassette tray



Balkan frame



Tilting table



Tank holder

Standards

- UNE EN ISO 12100 Standard.
- UNE EN 60529 Standard.
- UNE EN 60204-1 Standard.
- UNE EN 60601-1 Standard.
- UNE EN 60601-1-2 Standard.
- UNE EN 60601-2-52 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)