



Compass	Linear Motor	Number of bed base
Maximum standard length	Maximum standard width	Standard heights
Trend / Reverse Trend	Cardiac chair	CPR
SWL	MPW	

This data sheet is valid for the following bed models:

- S.
- XS.
- XSS.

Features

Completely electric articulated hospital bed; Easy and intuitive to use. It helps welfare and comfortability of patient.

Specially created to be used in hospitals, clinics and other similar uses

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; Optionally the bed can disposal a shock-absorbing, antistatic and directional 5th wheel.

It has a individual braking system on each wheel.

- Easy and intuitive using:

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.

- 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 (150 mm), 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.

Linear actuators with IPX6 protection.

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.

Customizable vinyls.

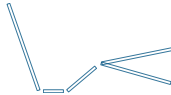
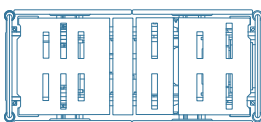
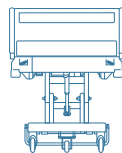
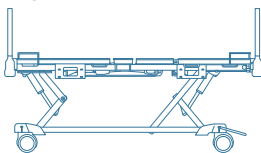
- Furthermore the NewCare bed disposes of a wide range of accessories and complements, which provide to comply the hospital and patient needs for their comfort and welfare.



Technical information

Total length with headboard and footboard*	
▪ Standard model	2230 mm. ± 10 mm.
▪ S model	2210 mm. ± 10 mm.
▪ XS model	2080 mm. ± 10 mm.
▪ XSS model	2060 mm. ± 10 mm.
Total width with side rails	
▪ Standard model	980 mm. ± 10 mm.
▪ S model	960 mm. ± 10 mm.
▪ XS model	980 mm. ± 10 mm.
▪ XSS model	960 mm. ± 10 mm.
Minimum / maximum height of bed base (without mattress)	
▪ Integral wheel (Ø150 mm).	410 / 815 mm. ± 10 mm
▪ Double wheel (Ø150 mm).	400 / 805 mm. ± 10 mm
▪ Metallic wheel (Ø150 mm).	415 / 820 mm. ± 10 mm
Crane passing clearance height	
▪ Integral wheel (Ø150 mm).	170 mm.
▪ Double wheel (Ø150 mm).	160 mm.
▪ Metallic wheel (Ø150 mm).	175 mm.
Length of extended bed base	300 mm.
Wheels diameter	150 mm.
Length of bed base sections	
▪ Standard model	790 / 170 / 320 / 620 mm.
▪ S model	790 / 170 / 320 / 620 mm.
▪ XS model	790 / 170 / 320 / 470 mm.
▪ XSS model	790 / 170 / 320 / 470 mm.
Width of bed base sections	
▪ Standard model	830 mm.
▪ S model	800 mm.
▪ XS model	830 mm.
▪ XSS model	800 mm.
Angle of backrest tilting	65° ± 5°
Angle of legrest tilting	45° ± 2°
Angle of footrest tilting	18° / 7° ± 2°
Bed base double-regression	150 mm. ± 10 mm.
Angle of Trend / Reverse trend tilting	13° / 15° ± 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	
▪ Standard model	850 mm. x 2000 mm.
▪ S model	800 mm. x 2000 mm.
▪ XS model	850 mm. x 1900 mm.
▪ XSS model	800 mm. x 1900 mm.

*The total length of the bed is 2240 mm. ± 10 mm, when the bed has anchored headboard.



Configuration

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

Optional			
Safety	Transport	Wellness	Others
Anchored headboard	Double wheels Ø150mm	Table under footboard	Braking alarm
Removable straight footboard (2)	Metallic wheels Ø150 mm.		Battery
Four tube side rails (3)	5 th wheels		Light under bed (4)
Side rails for safety exit	Lateral braking pedal		Customizable vinyl (5)

● Mandatory standards
○ Changeable options

Control remote configuration

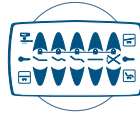
Step 1 - Choose one of two options of control remote with locking.

Option 1: Patient hand control with locking



Hand control patient (6)

Option 2: Nursing hand control with locking



Nursing hand control



Nursing hand control



Membrane on footboard

Other controls to add



Side rail membranes

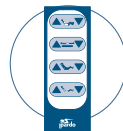
Other controls to add



Side rail membranes



Patient hand control with light



Patient hand control



Patient hand control with light



Patient hand control



Patient hand control with light



Patient hand control



Lifting pedal



Lifting pedal



Lifting pedal

Electrical information

Lifting bed system	2 Linear actuators
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



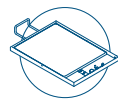
IV-Pole with 4 hooks



Trapeze bar



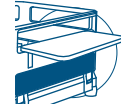
Techno Trapeze bar



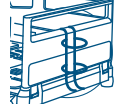
X-ray cassette tray



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 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)