








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 5<sup>th</sup> 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 (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.

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.

4 mattress retainers win feet and torax.

Customizable vinyls.

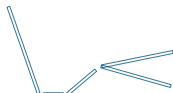
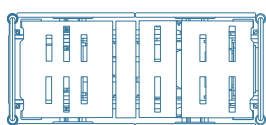
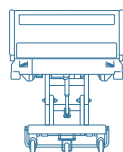
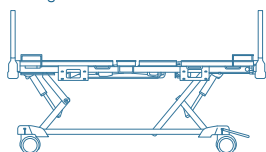
- Furthermore the NewCare bed disposes of a wide range of accessories and complements, which provide to comply the hospital and patient needs for their comfort and welfare.






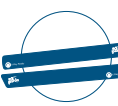
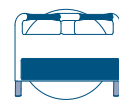
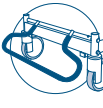
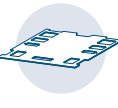

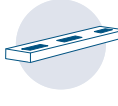
## Technical information

Total length with headboard and footboard*	
Standard model	223 cm. $\pm$ 1 cm.
S model	221 cm. $\pm$ 1 cm.
XS model	208 cm. $\pm$ 1 cm.
XSS model	206 cm. $\pm$ 1 cm.
Total width with side rails	
Standard model	98 / 100 cm $\pm$ 1 cm.
S model	96 cm. $\pm$ 1 cm.
XS model	98 cm. $\pm$ 1 cm.
XSS model	96 cm. $\pm$ 1 cm.
Minimum / maximum height of bed base (without mattress)	
Integral wheel (Ø150 mm).	41 / 81'5 cm. $\pm$ 1 cm.
Double wheel (Ø150 mm).	40 / 80'5 cm. $\pm$ 1 cm.
Metallic wheel (Ø150 mm).	41'5 / 82 cm. $\pm$ 1 cm.
Crane passing clearance height	
Integral wheel (Ø150 mm).	17 cm.
Double wheel (Ø150 mm).	16 cm.
Metallic wheel (Ø150 mm).	17'5 cm.
Length of extended bed base	30 cm.
Wheels diameter	15 cm.
Length of bed base sections	
Standard model	79 / 17 / 32 / 62 cm.
S model	79 / 17 / 32 / 62 cm.
XS model	79 / 17 / 32 / 47 cm.
XSS model	79 / 17 / 32 / 47 cm.
Width of bed base sections	
Standard model	85 / 88 cm.
S model	80 cm.
XS model	85 cm.
XSS model	80 cm.
Angle of backrest tilting	65° $\pm$ 5°
Angle of legrest tilting	45° $\pm$ 2°
Angle of footrest tilting	18° / 7° $\pm$ 2°
Bed base double-regression	15 cm. $\pm$ 1 cm.
Angle of Trend / Reverse trend tilting	13° / 15° $\pm$ 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	85 x 200 cm. / 88 x 203 cm
S model	80 x 200 cm.
XS model	85 x 190 cm.
XSS model	80 x 190 cm.

\*The total length of the bed is 224 cm.  $\pm$  1 cm, 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)	5th wheels		Light under bed (4)
			
Side rails for safety exit	Lateral braking pedal		Customizable vinyl (5)



Mandatory standards  
Changeable options

## Remote control configuration

Several options are available: (\*)

### Standard option



Wired nursing control

### Other controls to add



Siderails membranes with light



Patient control with light



Patient control without locks



Lifting pedal

### Wireless option



Patient membranes



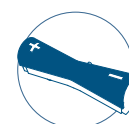
Nursing membranes

### Basic option



Wired patient control (6)

### Other controls to add



Lifting pedal

(\*) Other combinations are possible.  
If needed, please ask technical department.

## Electrical information

Lifting bed system	2 Linear actuators
Tilting backrest system	Linear actuator
Tilting legrest system	Linear actuator
Voltage	100 V - 240 V
Frequency	50 - 60 Hz
Electrical shock protection / penetration liquid	Class II / Type B / IPX6
Maximum consumption	200 W
Intermittent operation of actuator	10% 2 min. - 18 min.

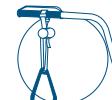
## Accessories



IV-Pole with 2 hooks



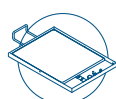
IV-Pole with 4 hooks



Trapeze bar



Techno Trapeze bar



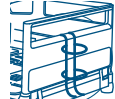
X-ray cassette tray



Balkan frame



Tilting table



Tank holder

## Standards

- UNE EN ISO 12100 Standard.
- UNE EN 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)