



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 AdvantCare models:

- Standard.
- S.
- XS.
- XSS.

## Characteristics

Articulated hospital bed, fully electric; easy and simple to handle, it helps in the well-being and comfort of the patient.

Some of its main features are:

- To transport easier:

It has four swivel castors (Ø 15 cm) with high rolling, wear and rust resistance. It has a minimum noise emission whilst moving; making it perfect for use in hospital environments.

Shock-absorbing, antistatic and steering 5<sup>th</sup> wheel.

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

- Easy and intuitive using:

Bed controls with pre-programmed automatic functions: CPR, Cardiac chair, Trend/Reverse Trend, Exploration, Safety exit position and Autocontour.

The bed has a battery.

- Encourage the welfare of patient:

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

Extended bed base 30 cm.

Double-regression system. This system minimizes the pressure in the sacrum zone of patient to reduce the risk of pressure ulcers. (16'5 cm).

Articulated footrest section in different positions by gas spring.

In case of emergency, the bed is equipped with a manual positioning system for the trunk module in both upper corners of the backrest.

- Other advantages:

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

Steel structure finished with epoxy-polyester coating with ASP (Antimicrobial Shield Protection) system consisting of a special antimicrobial treatment, resistant to chemical and mechanical agents, finished in RAL 9006.

The rails are made of polypropylene with a grip zone and gas piston folding system, which helps to get in and out of bed.

Easily removable headboard and footboard with locking system.

Visual user position indicators on the rails. The inclination of the backrest and mattress platform are easily indicated.

4 accessories sockets located out of reach of the user.

4 bumpers to prevent shocks, minimising impacts and damage to the bed.

2 rails on both sides for drainage bags supports with 4 DIN hooks on each side.

4 mattress retainers in the thorax and feet areas.

- Furthermore the Advantcare bed disposes of a wide range of accessories.



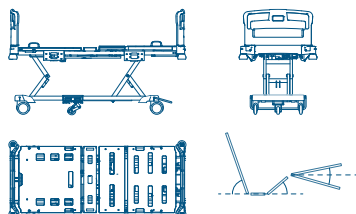
## Technical information

<b>Total length with headboard and footboard*</b>	
▪ Standard model	222 cm. ± 1 cm.
▪ Model S	220 cm. ± 1 cm.
▪ Model XS	207 cm. ± 1 cm.
▪ Model XSS	205 cm. ± 1 cm.
<b>Width with side rails</b>	
▪ Standard model	98 cm. ± 1 cm.
▪ Model S	96 cm. ± 1 cm.
▪ Model XS	98 cm. ± 1 cm.
▪ Model XSS	96 cm. ± 1 cm.
<b>Minimum / maximum height of base bed (without mattress)</b>	
▪ Integral wheel Ø15 cm.	41 / 81'5 cm. ± 1 cm.
▪ Double fairing wheel Ø15 cm.	40 / 80'5 cm. ± 1 cm.
▪ Metallic wheel Ø15 cm.	41'5 / 82 cm. ± 1 cm.
<b>Crane passing clearance height</b>	
▪ Integral wheel Ø15 cm.	17 cm.
▪ Double fairing wheel Ø15 cm.	16 cm.
▪ Metallic wheel Ø15 cm.	17'5 cm.
<b>Length of extended bed base</b>	30 cm.
<b>Diameter of wheels</b>	15 cm.
<b>Length of bed base sections</b>	
▪ Standard model	78 / 16 / 32 / 60,5 cm.
▪ Model S	78 / 16 / 32 / 60,5 cm.
▪ Model XS	78 / 16 / 32 / 45,5 cm.
▪ Model XSS	78 / 16 / 32 / 45,5 cm.
<b>Width of bed base sections</b>	
▪ Standard model	83 cm.
▪ Model S	80 cm.
▪ Model XS	83 cm.
▪ Model XSS	80 cm.
<b>Angle of backrest tilting</b>	66° ± 5°
<b>Angle of legrest tilting</b>	46° ± 2°
<b>Angle of footrest tilting</b>	-19° / 7° ± 2°
<b>Bed base double-regression</b>	16'5 cm. ± 1 cm.
<b>Angle of Trend / Reverse trend tilting</b>	15° / 18° ± 2°
<b>Maximum patient weight (MPW)</b>	185 kg.
<b>Safe working load (SWL)**</b>	220 kg.
<b>Unladen bed weight</b>	150 kg.
<b>Recommended dimensions of mattress***</b>	
▪ Standard model	85 x 200 cm.
▪ Model S	80 x 200 cm.
▪ Model XS	85 x 190 cm.
▪ Model XSS	80 x 190 cm.

\*The length of the bed with the anchored headboard option is 222 cm. ± 1 cm.

\*\* SWL = 220 Kg, Passing test 201.9.8.3.2 of IEC60601-2-52 standard with a static load of 880 kg.

\*\*\* The mattress has cutt the corners.



## Configuration

Standard			
Protection	Transport	Wellness	Others
Integral railings	Integral wheels Ø15cm	Shock absorber for foot section	Pardo P.288 vinyl
Removable headboard	Centralised brake	Removable HPL bed base	Drainage hooks
	5th wheel	Sheet metal central bed base	Battery


Optional			
Protection	Transport	Wellness	Others
Anchored headboard	Double wheels Ø15 cm.	Table under footboard	Brake alarm
Safe exit rails	Metallic wheel s Ø15 cm.		1 color light under bed (4)
Four stainless tube side rails)			3 colors light under bed
			Customizable vinyl

● Mandatory standards  
○ Changeable options

## Remote control configuration


Several options are available: (\*)

Standard option

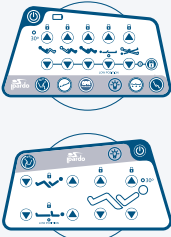


Nursing control

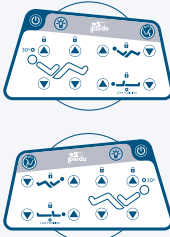
Optional:



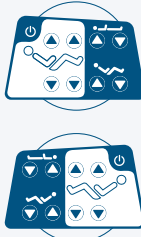
Wired patient control



Advanced external membranes with simple inner membranes





Simple external membranes with simple inner membranes



Basic external membranes with basic inner membranes


Wireless option






Advanced external membranes with simple inner membranes

Optional:



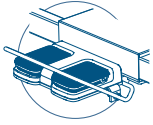
Wired patient control

Basic option



Patient control with locks (6)

Other controls to add



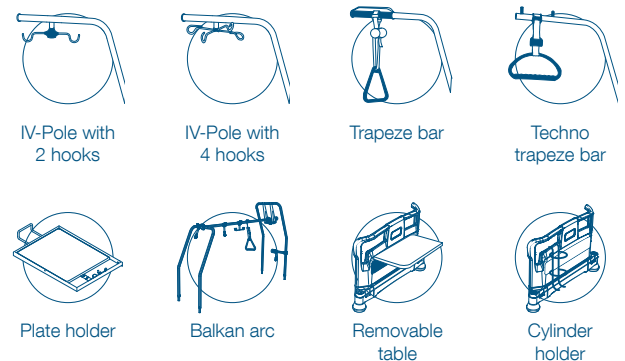
Lift pedal

(\*) Other combinations are available, as all types of controls are compatible with each other.

## 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	Class II or Class I (optional) / Tipo B
Penetration liquid	IP66
Maximum consumption	Max. 4000 mA
Intermittent operation of actuator	10%, 2 min. ON / 18 min. OFF

## Accessories



## Standards

- Norma UNE EN 60529.
- Norma UNE EN 60601-1.
- Norma UNE EN 60601-1-2.
- Norma UNE EN 60601-1-6.
- Norma UNE EN 60601-2-52.
- Norma UNE EN 62366-1.

## EN 60601-2-52:2010 test