



Premium Hospital Beds

LUNA E





Inclusive Healthcare

With simple electrical functions, the Luna hospital bed is inserted as an economical alternative in order to create affordable quality health.

The robustness and reliability of the entire system provide the necessary peace of mind for effective care.

Robust Architecture

Lifting system by trapezoidal arms electrically articulated by linear motor.

Lifting stroke 420-820 mm and maximum patient load of 220 Kg.

¹ Handset Control

Portable control powered by an extendable helical cable.

Allows the following positions:

- Back
- Legs
- Auto Contour
- Height

² Rails Lock

Both side rails options are fitted with safety handles.

These are in a place that is difficult to access for the patient, but are very ergonomic for healthcare professionals.

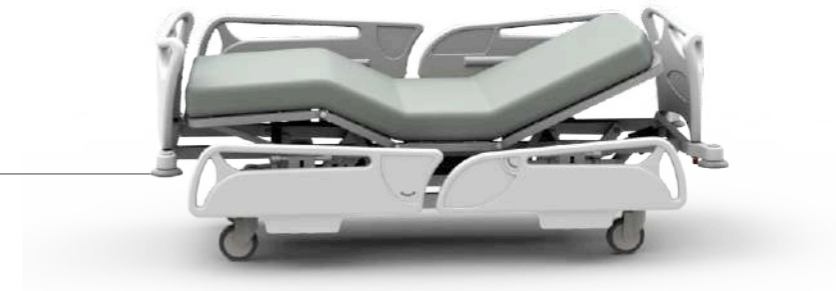
³ Endboards Lock

The bed end panels have buttons to block their removal, ensuring safer transport for patients and caregivers.

May not be included at the customer's request.

Auto Contour

Automatically performs, by the activation of a single button, the position of Auto Contour, raising the leg and back sections in sync. Ensures a correct patient positioning when raising his back.



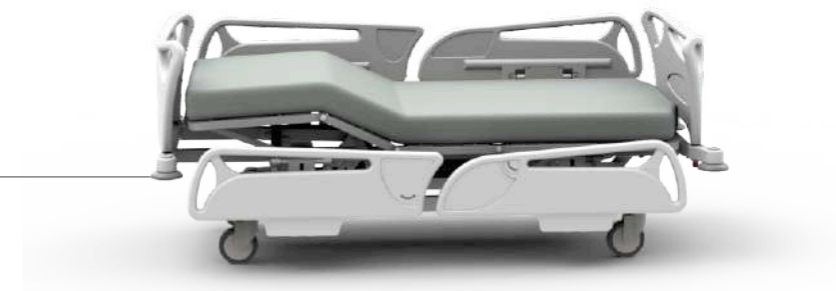
Bed Height

Adjusts the height of the bed platform through electrically articulated trapezoidal arms. With a 420 mm lifting stroke, it allows positioning the patient for ergonomic medical interventions for the healthcare professional.



Shock

It performs automatically, by the activation of a single button, the Shock by raising the leg and foot sections in sync. Used to reverse hypoxic episodes in vital organs.



CONTINUOUS CARE

Outpatient Interventions

1 Care Accessories

The Luna bed includes hooks on both sides for hanging urine bags.

It also has a range of removable accessories available that may facilitate procedures in various therapeutic frameworks.

2 Antimicrobial Treatment

Panels made of HDPE medical, which contains an antimicrobial additive that is over 99% effective against various hospital-acquired bacteria.

Request the technical sheet for more information.



COMFORT AND RECOVERY

Mattress Platform Options



Metal Platform

Bed frame with four epoxy-painted sheet metal panels, 3 articulated. Slots for ventilation of the mattress.

Removable panels for cleaning. Ergonomic mattress supports in polyamide.

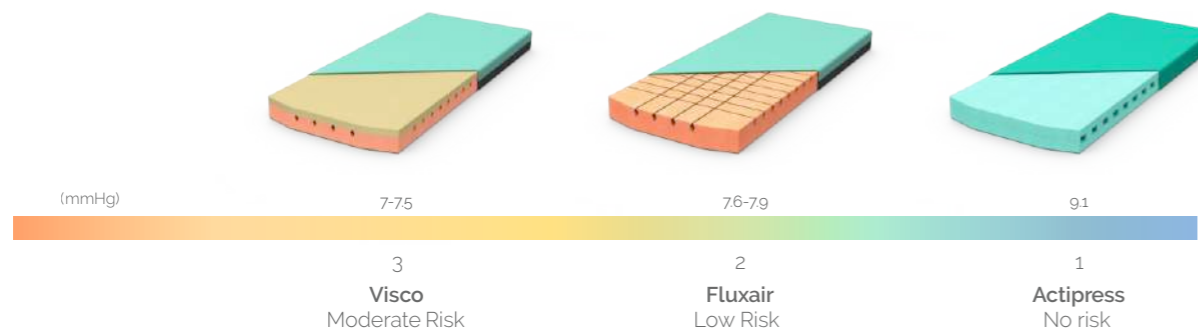
Phenolic (HPL) Platform

Bed frame with four phenolic (HPL) panels, 3 articulated. Slots for ventilation of the mattress.

Removable panels for cleaning. Ergonomic mattress supports in polyamide.



Anti-Bedsore Mattresses



SAFETY AND TRANSPORT

Caster and Brake Options



Model E44

Tente ABS faired casters Ø150 mm. Rotating effect and equipped with ball bearings.

Centralised braking system with total and directional lock.

Model E34

Bed option with 4 ABS casters Ø125 mm or 4 zinc steel casters Ø100 mm. Rotating effect and fitted with ball bearings

Available with two or three casters with local brake.



Protected Bed

Corners protected by bumper discs and ergonomically designed ABS covers.

Highly resistant, they protect the bed from all angles



SAFETY AND TRANSPORT

Sides Rails Option



EN 60601-2-52 Standard

Both side rails options comply with EN 60601-2-52 standard.

They prevent and avoid the risk of injuries caused by accidental falls through high side coverage.

Split Side Rails

Option of collapsible side rails in HDPE medical. Folding individually and retractable under the mattress.

Safety lock with ergonomic handle for healthcare professionals.



Full-Length Side Rails

Option of tilting side rails in epoxy-painted steel tube and plastic ear extension.

Folding, with safety lock and ergonomic handle for movement.



INFECTION CONTROL

Cleaning and Disinfection

HDPE Medical

HDPE medical is a high-density polyethylene resin with which the head/foot boards and side rails are made.

Shock-resistant features, the plastic does not break as a result of light and accidental shocks. Fireproof treatment and fire retardant according to class M2. Highly cleaning and disinfection resistant.



TECHNICAL FEATURES

Model 954.4

Standard - feature included as standard.
Optional - choose from various options.

Standard
Optional

Standard - feature included as standard.
Optional - choose from various options.

Standard
Optional

		Standard	Optional			Standard	Optional
Structure	Bed frame with Ipx4 protection	●		Head/Foot Boards	In HDPE medical (High Density Polyethylene)	●	
	Robust metal frame epoxy painted	●			Easily removable	●	
	Mobile components zinc plated or/and stainless steel	●			Transport lockers (removed on demand)	●	
	Corners protected by soft bumpers	●					
	Bilateral foley bag hooks	●					
Mattress Platform	4 sections bed frame (3 articulated + 1 fixed).	●		Side Rails	Splitted, in HDPE medical (High Density Polyethylene)		●
	Epoxy painted metal panels with slots		●		Full-length, metallic with epoxy coating		●
	Phenolic (HPL) panels with slots		●		Soft drop released by red handle	●	
	Foot section articulation synchronized with leg section	●					
Base	Open design base to prevent dirt build-up	●		Electric Setup	Low voltage motors DC24V	●	
	Base corners protected by plastic fairings		●				
	Integral Smart Ø150mm ABS casters with central brake		●	Control	Handset control with extendable helical cable	●	
Ø125mm ABS casters with local brake		●					
Ø100mm zinc steel casters with local brake		●					

IV Pole



Serum support
Stainless steel column
Adjustable rod with 4 hooks

910.104i

Serum support
Epoxy painted column
Adjustable rod with 4 hooks

910.104



Crutches Holder

Support for 2 crutches
Rubber fitting
Epoxy painted structure
Removable and adjustable

910.570

Lifting Trapezee

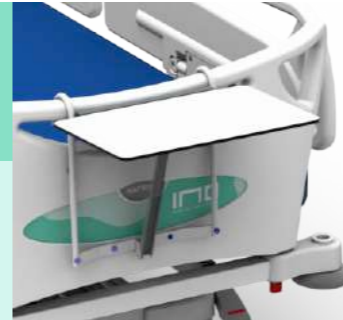


Patient lifting
Stainless steel column
Trapezee with adjustable handle

910.200

Patient lifting
Stainless steel column
Trapezee with auto-adjustable handle

910.201



Writing Tray

Foldable writing tray
Epoxy painted structure
Top in phenolic (HPL)

910.806

O2 Tank Holder



Support for oxygen tank
Fitting on the corners of the bed
In stainless steel

910.530

Urinal Holder

Support for urinal
Calibrated stainless steel rod construction
Removable and adjustable

910.530

Bilateral DIN bar for accessories
4 sliding hooks included

Optional



LUNA E



* Ø100 mm zinc steel casters, HPL frame

Dimensions +/- 5%

Recommended mattress dimensions	1970 x 860 x 120/150 mm
External dimensions (split rails)	2189 x 1030 mm
External dimensions (full-length rails)	2189 x 1004 mm
Min/Max height	420/820 mm*

Joints +/- 5%

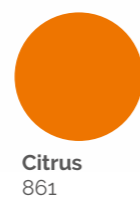
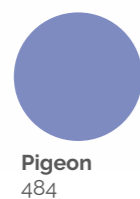
Maximum back incline	70°
Maximum leg incline	35°
Maximum Auto Contour incline	82°

Capacities +/- 5%

Maximum patient weight	220 Kg
Power supply	220-230 VAC, 50 Hz
Control unit power	140 VA
Electrical protection	Class 1 Applied parts type B

Headboard Decoration

Availability of non standard finishes on request.



Registry and Conformity

- CE Mark
- Officially registered as Medical Device Class I, n° 125/DM/2017/01/217 - Infarmed
- Over the scope of Regulation (EU) 2017/745/EU and Decree-Law 145/2009
- Certified according to the standard EN ISO 9001 - Quality Management System
- Certified according to the standard EN ISO 13485 - Medical Devices Conception and Manufacturing

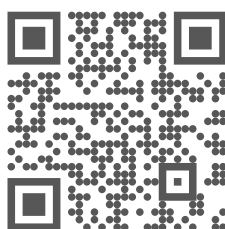
IMO - Indústrias Metalúrgicas, S.A.

Headquarters

Rua Dr. Aurélio Teixeira de Sousa, 575
4650-312 Rande Portugal
T. +351 255 340 220
sede@imo.com.pt

Showroom

Av. Defensores de Chaves, 87A
1000-115 Lisboa Portugal
T. +351 217 963 478
lisboa@imo.com.pt



www.imo.com.pt