



GALAXY MINI TECHNICAL FILE

Ergonomic pediatric bed with impeccable design



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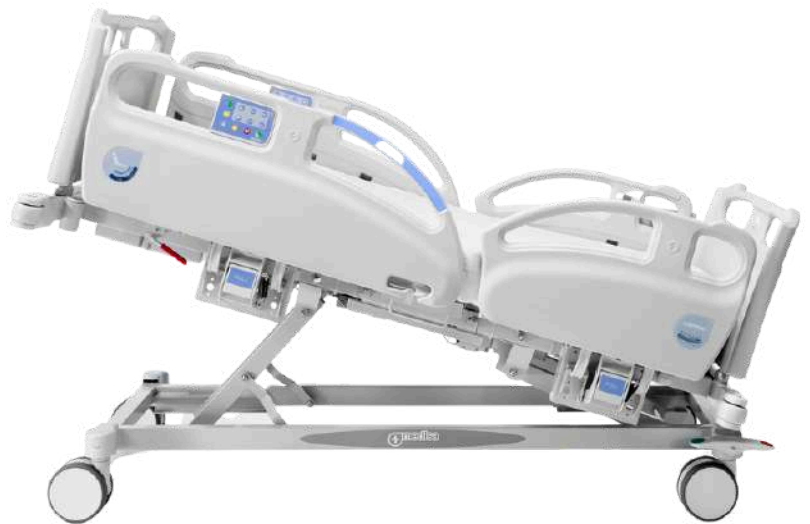
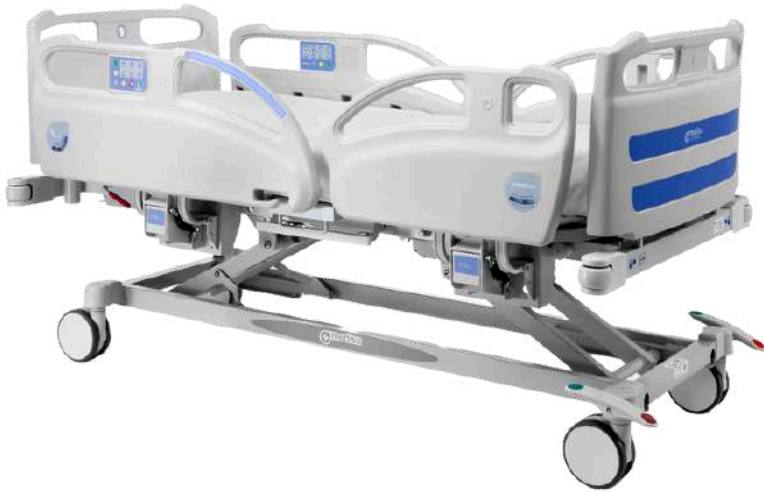
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GALAXY MINI





CHARACTERISTICS

Bed base

- Structure made of steel tube with epoxy coating.
- New ergonomic headboard/footboard design that makes it easier to hold the mattress, preventing it from moving.
- Fixing system with security lock, for removal without the need for tools. Incorporation of supports that allow the adaptation of accessories (IV stick, incorporator, etc.) in each corner of the bed.
- Universal accessory holder bar with supports for drains, urine bags, etc. located on both sides of the bed.
- Designed for the use of cranes and the production of X-ray plates.
- Radiolucent bed for the trunk plane with optional chassis holder (Ref.CHV26), which allows the tray with the trunk plane to be removed, without the need to articulate the backrest.



• Lifting system supported by **Compasses that provide great stability in any position and allow a load of up to 250 kg.**

• Bed base with four independent and removable sections made of HPL. 100% useful surface.

• The bed sections incorporate 8 pins for incorporating patient fixation systems and restraint belts.

• Adjustable side arches that prevent displacement of the mattress of different sizes.

• Integrated bed extension with bed linen support or for housing the nursing supervision panel (± 32 cm).



Design and comfort

TOTAL PROTECT®

Four independent railings made of ABS and manufactured according to EN 60601-2-52 regulations, with a cushioned descent system assisted by a gas piston and vertical descent using a single hand.



The railings have an innovative mechanism that requires minimal folding, a travel of no more than 7.5 cm.



The design of the handrails allows the patient to be protected across the entire resting surface. They have an integrated angle indicator, for greater control of the visual angulation for both the throne plane and TR/ATR of the bed.



LED WARNING LIGHT

The bed has two blue LED light points and an acoustic warning alarm integrated into the handrails that are activated when they are lowered and allows medical staff to know when the patient leaves the bed or the handrail is lowered. These LED lights also act as a safety warning, activating when the patient is in the exit position, helping the patient to orient himself in the room, as well as projecting the courtesy light towards the table, allowing access to objects at night.



AUTOMATIC BACKREST ALARM AT 30°

Automatic detection system for raising and lowering the backrest section when positioned at 30° with acoustic warning.



MEDILIFT FUNCTION

"Help get up" button. It allows you to optimize the patient's exit sequence from the bed simply by pressing the button integrated into the top of the handrail. In this way we control the raising and lowering, helping the patient to exit, enabling comfortable and safe support.



Anti-decubitus system, with double automatic regression. This mechanism allows the positioning of the trunk (15 cm) and legs (7 cm) to achieve a pelvic space of up to 22 cm, offering protection against pressure ulcers.



Fowler/Auto-contour position

Performed automatically through patient control and nursing control panel.



Starting/sitting position. It makes it easier for the patient to leave the bed by lowering the height and foot section.





Management and control systems

EASY AND SIMPLE CONTROL

The GALAXY Mini bed has software that synchronizes the movements of the bed base and the therapeutic positions, avoiding displacement and the corresponding repositioning of the patient.

- Articulation of the bed base planes, height by means of scissors, trendelenburg and anti-trendelenburg using low voltage linear electric motors, complying with EN 60601-1 regulations, with protection level IP66.
- Foot plane independent of the knee plane with 5-position mechanical articulation, providing greater ergonomics.
- Trendelenburg antitrendelenburg movements $\pm 16^\circ$
- System for canceling functions individually or simultaneously using the "STOP" button.
- Zero "0" and emergency descent system using CPR button. on the nursing panel. It allows return to the horizontal position of all sections simultaneously and lowering the height to a minimum.
- $\varnothing 150$ mm double band wheels, faired and anti-static. They allow better mobility of the product when it is subjected to high loads.
- Centralized and servo-directed braking system.



- 5th wheel (optional Ref.CHV24) central and directional $\varnothing 125$ mm. 360° swivel with two gases that adapt to uneven ground. With retractable system that provides better mobility of the bed and can automatically retract into the chassis when not in use.



INDEPENDENT CONTROLS

Integrated on both sides of the railings (ref.CHV84). On the outside for the use of healthcare personnel and at the bottom for the patient. "GO" button to activate/deactivate the controls.





CHARACTERISTICS

SANITARY CONTROL PANEL (exterior railing)

Console for exclusive use of medical personnel; allows you to activate and cancel the different functions of the bed. In addition, it incorporates certain pre-programmed functions (Trendelenburg, shock position, CPR, emergency Trendelenburg, cardiac chair and recognition position), with just the touch of a key.



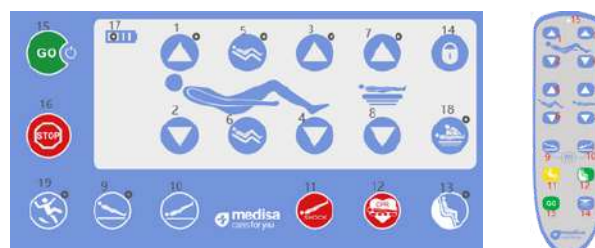
PATIENT CONTROL PANEL (inside railing)

It allows patients to control and regulate the backrest-foot sections and height, activation of the control using the "GO" button and courtesy light under the bed and on the railings. It has pre-programmed functions such as patient exit button and sitting position. These functions can be canceled



NURSING PANEL

- It allows the medical professional to work efficiently and monitor the bed from different locations. It has practical preset functions and security alarm activation functions.
- Allows you to activate and cancel the different bed adjustment functions individually or synchronously using the "STOP" button.
- Specific button for the safety alarm system for lowering the railings.
- It incorporates certain pre-program functions: shock emergency Trendelenburg position, cardiac chair, emergency CPR, TR/ATR and examination/recognition position.
- Automatic disconnection in standby position. Activation of the nursing control panel using the "GO" button.



*Optional: Patient exit alarm.
Possibility of placing with a sensor with patient alarm

*Patient control with optional cable. Ref.CHV80



CHARACTERISTICS

Security

Manual emergency release system of the plane in case of emergency, battery failure or absence of power (CPR position).



Bilateral adjustable height pedal. Allows height adjustment to reduce the risk of injury. For a higher level of safety, the pedal is automatically deactivated when it is no longer used (optional Ref.CHV83).

Bilateral pedal output and examination position. Allows the bed to be placed in the patient exit position and examination/recognition position (optional CHV83).



Double LED safety positioning light (green to indicate the minimum height, red when it exceeds the minimum safety height) included.



Night lighting light from the bed towards the floor to provide better comfort and prevent falls during the night and courtesy light on the railings towards the table, which allows access to objects at night.



Brake pedal alarm: when the bed is connected, this alarm warns if the brake system is deactivated (optional ref. CHA30). In this way, healthcare personnel are notified with an acoustic tone that lasts until the brake pedal is pressed.



Emergency battery in case of power failure, rechargeable for 200 cycles in uninterrupted use. LED charging indicator (indicated on the nursing control panel) and low battery alarm.



Patient exit alarm. Device with sensor that allows detecting and warning by acoustic alarm when the patient leaves the bed. It is activated with a single button on the nursing panel. Optional Ref.CHVZ04.





CHARACTERISTICS

Security

Secure fixation of the footboard and headboard that can be locked using a manual fixing system, without tools, which allows the bed to be transported without slack or risk. Easily removable if necessary with one hand.

- Thermoplastic lower fairing that protects the bed mechanisms and makes cleaning easier.
- Anti-entrapment sensor with automatic engine stop when detecting an obstacle.
- Anti-collapse system of the lifting actuators.
- Anti-pinch system for handrails, according to EN 60601-2-52 standard.
- IP66 protection against water and dust. The IPX, IPXY or simply IP code (international protection rating) determines the degree of protection against the entry of a series of elements potentially causing damage to the equipment.

Both the motorization system and the electronic equipment (controls and membranes) of the Galaxy Mini bed meet IPX protection standards against water and dust.

Reference regulations

1. EN 60601-1-2:2015/Part 1-2
2. General requirements for basic safety and essential operating characteristics
3. Collateral Normal: Electromagnetic Compatibility
4. Requirements and tests: UNE-EN 60601-1:2008/Part 1
5. General requirements for basic safety and essential performance: EN 60601-2-52:2010+A1:2015/Part 2-52
6. Particular requirements for the basic safety and essential functioning of hospital beds: EN 60601-1-6:2010/Part 1-6
7. General requirements for basic safety and essential operation









Technical data

External dimension	1883 x 989 mm
Patient surface dimension	1685 x 850 mm
Height lifting	410 x 775 mm
Backrest section angle	67th
Leg section angle	28th
Angle section feet	19th
Trendelemburg/antitredelemburg	±16°
Trunk plane autoregression	150 mm
Autoregression of the leg plane	70 mm
Maximum bed load	250 kg.
Bed weight without accessories	150 kg.



Electrical characteristics

 Electrical power supply	240-100V 50 -60 H
 Maximum consumption	5A Hz, 100-240V
 Protection indicator	IP 66
 Protection class	Class II
Degree of protection against discharge	Type B

Optional equipment

1. Headboard fixed to the base (REF. CHV65)
2. Bilateral variable height pedal with locking function (REF. CHV83).
3. Bilateral pedal for exit and examination position (REF.CHV83)
4. Fifth wheel (REF. CHV24)
5. Brake activated/deactivated alarm (REF. CHA30)
6. Patient exit device and alarm (REF.CHVZ04)
7. X-ray guide support. (REF.CHV26)

Optional gadgets

1. Developer (REF.CHA17)
2. Dropper stick (REFCHA15)
3. Viscoelastic mattress