

## PRODUCT BROSHURE

### HB 454 Hospital Bed, 5+1 Adjustment Fully Electrical Control

**ALATURCA**  
PRODUCT CODE  
**HB 454 - A**  
ANATOMY

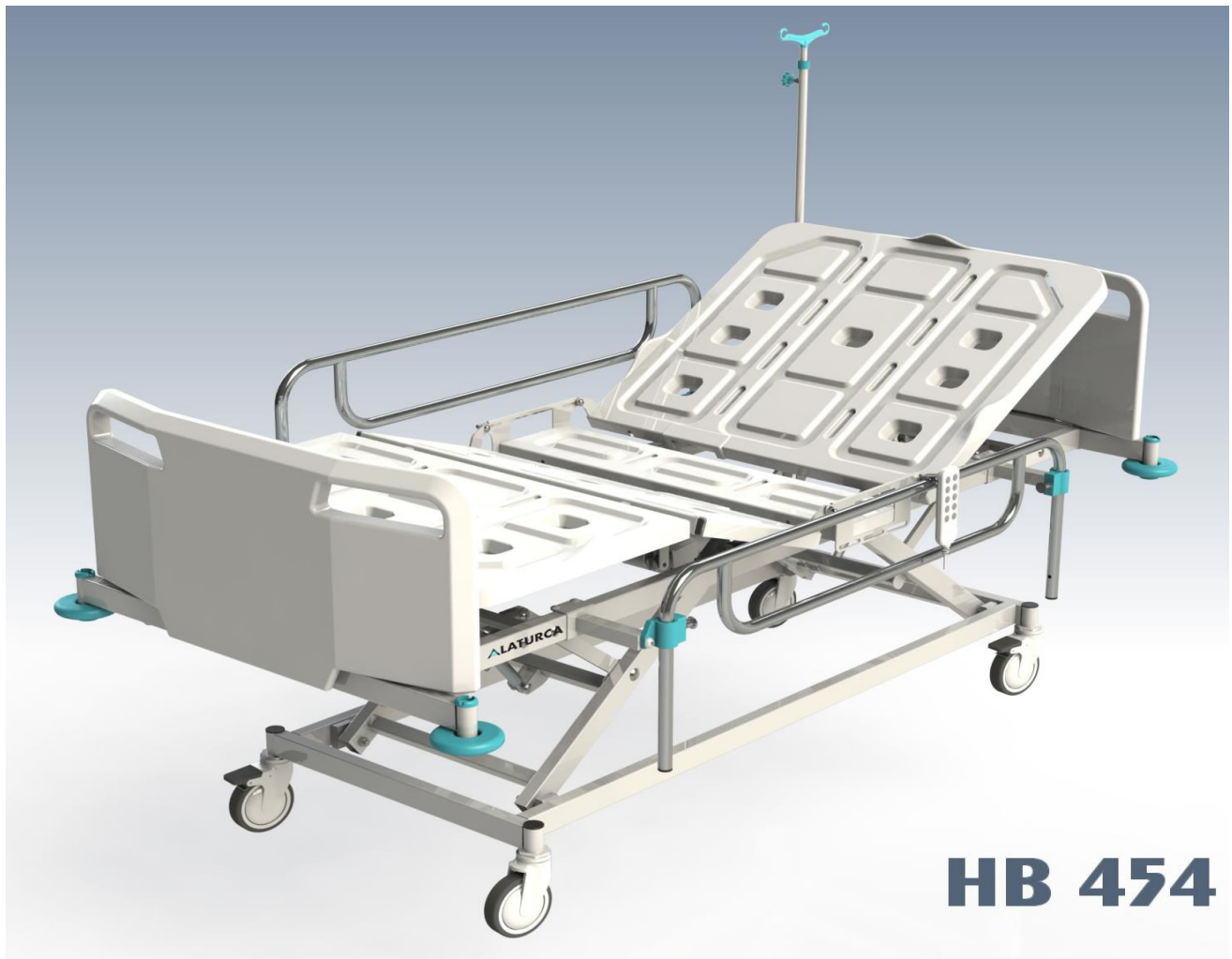


**SUITABLE FOR:** ATI Ward's , Clinics , Long term cares, Nursing, Home care

**HB 454 Hospital Bed, 5+1 Adjustment Fully Electrical Control**

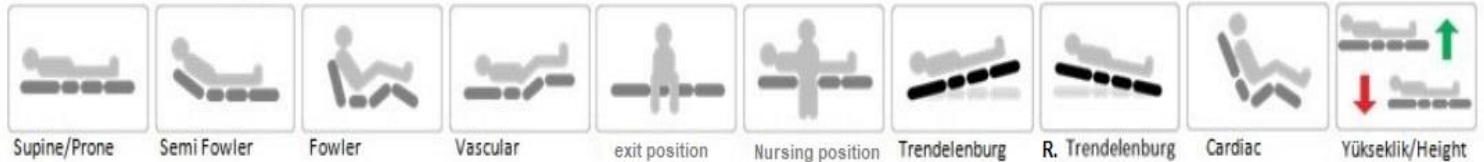
HB 454 beds comes with double trendelenburg and has a configureable frame system. Each motor has 6000 N/ m<sup>3</sup> push capacity lineer actuators. Back rest, knee rest and height adjustments made by the motors. Back rest 0-70°, knee rest 0-35° and height between 450 - 800 mm adjustable by hand remote control and patient conrol lockable nurse econtrol panel .

**Supported Care Positions:** Power inputs suitable with 110 / 220V AC, also with plug&run feature you do not need any installation. Motors installed on the beds working under 40 dB noise. It's considered as silence as in library.

**HB 454****Supported Care Positions:**

HB 454 It makes height movement between 45 cm and 80 cm and trendelenburg / reverse trendelenburg movements with two pcs 6000 N/ m<sup>3</sup> motors. It makes its back and leg rest movements with separate 6000 N/ m<sup>3</sup> motors. Also makes the footrest movement with a ratchet lever mechanism. Back rest part (cardiopulmonary resuscitation) Electronic CPR movement is controlled from the hand remote control. All electronic functions and sedentary position are controlled by hand remote control and nurse control panel. Optional Manual CPR movement is can used with a special plastic remote lever.

## HB 400 Series Hospital Bed Positions



### Side Rails:

Telescopic height adjustable side rail is cost effective solution for those who have risk of falling out of beds. It is placed both side of the beds and can move up and down. Ergonomic design and smooth finishing reduce risk of injuries against accidental hits. Open view type of side rails developed for those who have demantia and panic attack issues so that they do not feel imprisoned and unsafe. Patients can be still in visual communication, while the side rails adjusted to even the highest position. Each side rail can be adjusted from the both side. Three adjustments possible as "down", "half-down", and up.

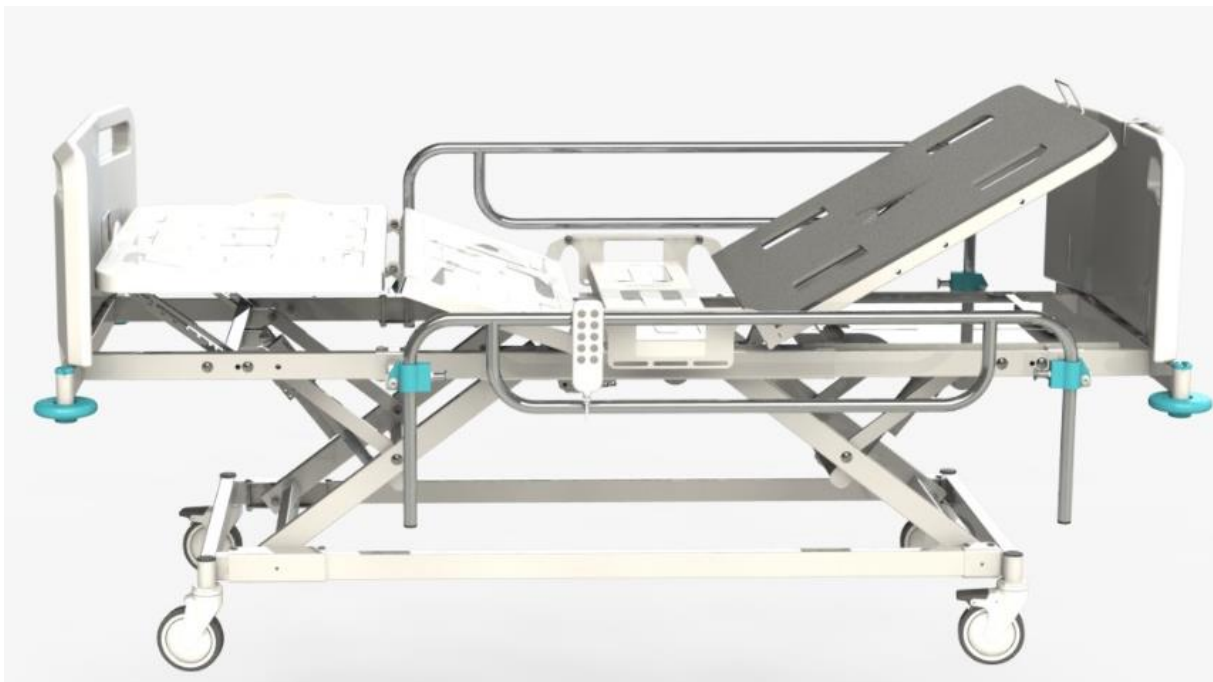
"Down" position of the side rail; patients can get in and out of the beds easily. "Half-down" position; becomes holding bar as support while getting in and out of the beds. Also It secures upper body of patient when in lying position. "Half-down" position is suitable to use over bed table. "Up" position provides full security for patients. Dimensions can be changed with the order.

**Head and Foot Panels:**

Made of polypropylene ( PP ) medical grade plastic for hygen and cleaning purpose. Washable, autoclavable and resistance to cleaning chemicals. They are designed as detachable for emergency intervenes as well as making up the bed. Height of the panels is 37,5 cm from mattress platform.The boards easily fit on sockets placed at four corner of the bed

**Mattress Platform:**

4 sections, 3 adjustable platform covered with Antibacterial ABS plastic decks. Removable plastic covers are washable. Allows air circulation with special design. X-ray compatible back piece is optional. Additionally, a 45 cm X 43 cm X-Ray cassette holder is added with this option.



**Mattress Holders:**

For beds with adjustment ability, It prevents the mattress from sliding. They are installed on back rest and foot rest, thus regardless in which position the bed is, the mattress sticks with the platform.

**Painting and Coating :**

Construction and frame surfaces are coated with epoxy powder paint at high degree ovens.

Durability, resistance to scratching and smooth surface at high quality is under guarantee. Therefore, It keeps the look like the first day. Eco-friendly smooth surfaces help you take care of your beds at ease.

**Construction (Body) :**

Made of steel construction. With gas metal arch welding technique, It provides strong and durable body.

**Adjustment Control :**

Adjustments made via hand remote control. Beds equipped with low voltage motors at 24V DC. The motors generate 6000 N/m<sup>3</sup> power and are in IPX4/IP 54 protection class. The hand control is included for patient use. There is also a nurse control panel that can lock the functions of the hand control. The optional CPR function is used with a special design plastic control lever.

**Mobilization:**

The bed comes with a lower deck frame. It meets expectations of mobilisation as either diagonal lock and central lock can be added as option Central lock enables you to lock all castor from single point. Also steering castor is available for linear mobilisation of beds. 5th castor option In terms of being practical It performs at maximum level while turning corners especially in busy times. The lower deck frame designed with minimum 125 mm underbed clearance to ensure patient lift and overbed table to be used comfortably.

**Breaking ( Locking):**

Beds equipped with castors can be selected as diagonal lock.

**Protection Bumpers:**

They are placed at the four corner of our beds for protections againts to walls and important equipments from undesired hits during the mobilisation. The bumpers are 360° degree rotatable, 120mm diameter and made of soft material.

**Universal Brackets :**

They are placed at the four corner of our beds for accessories needed during the recovery of patients. Espacially for accessories such as IV pole, Oxygen tube, lifting pole and so on. It provides ease of using accesories without any mess.



## TECHNICAL SPECIFICATION:

— Universal control box: 24 VDC 5A or 12 VDC 10A

— GUARD: IPx4 / IP 54

External dimension : 210 × 105 cm

Mattress platform : 4 section, electric adjustable

Mattress platform dimensions: 200 × 90 cm

Electric height adjustment : 45 – 80 cm

Electric backrest adjustment: 0 – 70°

Electric thighrest adjustment: 0 – 35°

TR / ATR: 15° – 15°

Bed weight (as specified): 98 kg

Safe loading capacity : 220 kg.

Standards: ISO 13485 , CE , IEC 60601-2-52

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