

PRODUCT BROSHURE

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

ALATURCA MEDICAL DESIGN
PRODUCT CODE
HB 454 - A
ANATOMY

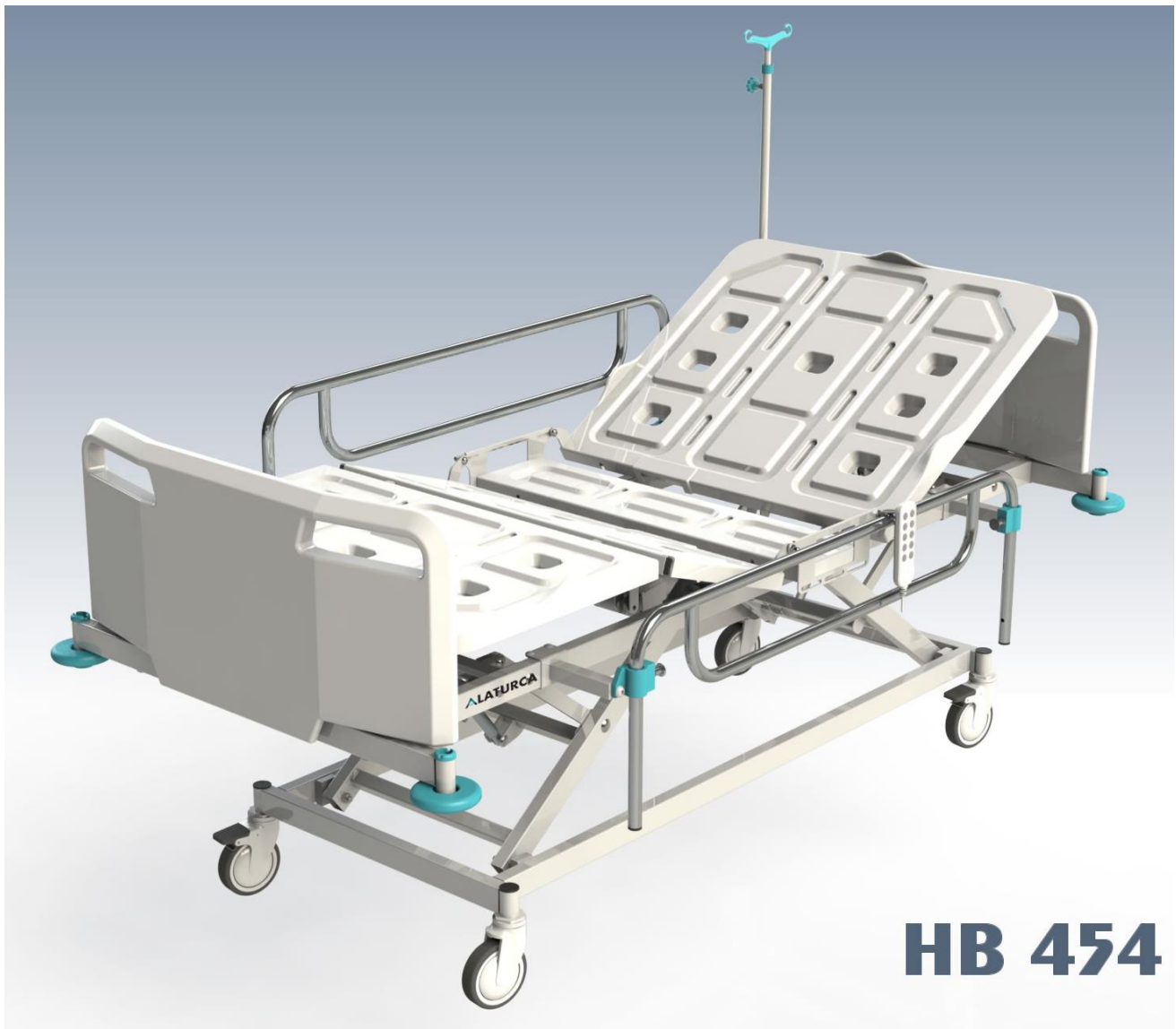


HB 454 Hospital Bed, 5+1 Adjustment Fully Electrical Control

HB 454 beds comes with double trendelenburg and has a configureable frame system. Each motor has 6000 N/ m³ 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 420 - 800 mm adjustable by hand remote control.

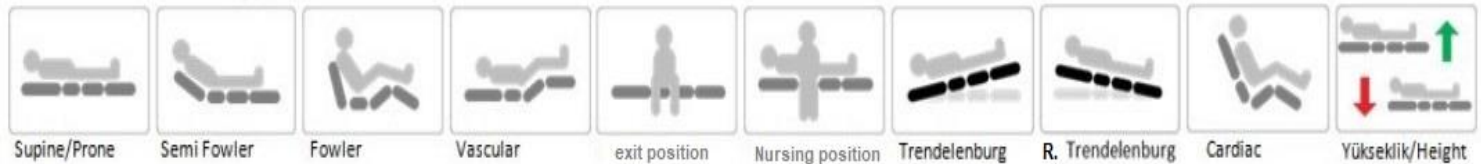
SUITABLE FOR: ATI Ward's , Clinics , Long term cares, Nursing, Home care

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

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 consist adjusments of backrest 70°, kneerest 35° by motor and footrest 45° by ratchet mechanism. The platform has 85cm width and 190cm length for comfortable recovery.

Mattress Platform covers (deck), It is presented in wide range for your needs. Please mention your choice while ordering the bed. All covers have different advantages

G : MESH	T : TRAPEZE	M : METAL PLATFORM	A : ABS	H : HPL
 DECK aero	 DECK strong	 DECK eco	 DECK easy	 DECK HPL
Mesh platform is a choice for perfect air ventilation. It is robust and durable thanks to its epoxy coated paint. Fixed to the frame with welding.	Trapeze platform can be a choice for normal weight and heavy patient for its bearing strength. Trapeze platform provides ease for cleaning because of its shape. Fixed to the frame with welding.	Plain metal platform is economic and basic choice. It is easy to clean, durable and smooth surface. It contains air ventilation holes.	ABS platform is detachable, easy to clean, durable, light weight and practical for maintenance. Non-breakable thanks to its flexible and strong structure.	Compact laminant platform is heavy duty, non-scratchable, fire-proof, anti-dust, dirt-proof and easy to clean. It is fixed to the frame.

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/m³ power and are in IPX4/IP 54 protection class. Hand remotes are with coil type cables and easy to use without any guide as to be user friendly.

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.



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.

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.



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 :	42 – 80 cm
Electric backrest adjustment:	0 – 70°
Electric thighrest adjustment:	0 – 35°
TR / ATR:	15° – 15°
Bed weight (as specified):	135 kg
Safe loading capacity :	220 kg.
Standards:	ISO 13485 , CE , IEC 60601-2-52