

## DEVA HOSPITAL BED

### 4 MOTORIZED PATIENT BED TECHNICAL SPECIFICATION

#### TECHNICAL SPECIFICATIONS

- 1.1 4 motorized patient beds; patients should have the features designed to respond to the movement needs of patients.
- 1.2 The frame of the 4 motorized hospital bed. Designed to make sanitary cleaning.
- 1.3 Surface of the casing; It should be designed without burrs and smooth to ensure sanitary cleaning.
- 1.4 Bearing surface of the bed; It should be 1 mm perforated, breathable, laser cut sheet. Paint should be painted with electrostatic powder paint.
- 1.5 The height movement of the bed is carried out by t-motion piston motors with 2x6000N lifting power. In total, the lowering movements should be done with 12000N.
- 1.6 When the 4-motor patient bed is lowered without bearing, its height should be 38 cm.
- 1.7 4 motorized patient beds should be 82 cm when it is raised without bearing.
- 1.8 When the 4-motor patient bed rises as a bed, its height should be 94 cm.
- 1.9 4 motorized patient beds should have a maximum level of 30 degrees when the trendelenburg movement is performed.
- 1.10 4 motorized patient beds should have a maximum level of 30 degrees when the anti-trendelenburg movement is performed.
- 1.11 Two t-motion brand piston engines must be used for head and footrest sections. The engine in the bedside section must be at least 6000 newtons. The motor in the foot section must be at least 6000 newtons.
- 1.12 Trendelenburg and anti-trendelenburg movements should be performed by the nurse at least 30 degrees in / - direction by the buttons on the control panel.
- 1.13 The head and foot part of the bed should be designed so as not to compress the patient when it is moved.
- 1.14 The seating area of the 4-motor patient bed (including seating platform and cavities) must be at least 190 mm long.
- 1.15 The internal dimensions of the 4 motorized patient beds (including the seating platform and gaps) must be at least 100 mm.
- 1.16 The side rails of the patient bed must be made of ABS raw material, cleanable and antibacterial.
- 1.17 Metal surfaces of the patient bed should be painted with electrostatic powder paint. By using oven paint, antibacterial property should be provided. Shelf life should be 10 years against corrosion and oxidation.
- 1.18 The main frame of the patient bed should be at least 40mm x 60mm.
- 1.19 The thickness of the main frame of the patient bed must be at least 1.5 mm.
- 1.20 When the head of the patient bed is lifted with the control, it must reach 85 degrees with the pillow.
- 1.21 It should be able to lift up to 20 cm with the foot part of the 4 motor patient bed.
- 1.22 The 4-motor patient bed should consist of a single 4-wheel size of at least 150 mm. (-1mm in diameter and wall thickness of at least 32 mm -1 mm in size). Each wheel must be braked. Each wheel must be opened and locked independently.
- 1.23 The width of the patient bed should be at least 110 cm from the outside to the outside. The length of the patient bed should be at least 190 cm.
- 1.24 There must be 10 buttons on the patient's bed control.
- 1.25 The control and motors must be supplied for 10 years.
- 1.26 Both patient and nurse should be able to use the control of 4 motorized patient beds.

- 1.27 In the patient bed control panel; the back part should be lowered and a liftable button. In the patient bed control panel; the foot part must be lifted and lowered. In the patient bed control panel; The back and foot part must be lowered simultaneously. There must be one button for lower and uplift movements.
- 1.28 The patient bed should be able to receive all treatment positions.
- 1.29 Patient bed control, control panel, motherboard fabrication faults should be replaced free of charge for 4 years from Deva Bed.
- 1.30 The head and foot panels of the patient's bed must be able to be easily removed and mounted.
- 1.31 The head and foot panels of the patient's bed must be durable and made of ABS coated material suitable for health conditions.
- 1.32 The side rails of the patient's bed should be made of ABS plastic.
- 1.33 The motors used in the patient's bed must have a minimum degree of protection IPX6.
- 1.34 At the corners of the patient's bed, there should be access to serum hanger.
- 1.35 There should be at least one hook in the patient bed, two hooks, and the metal hanger made of stainless iron.
- 1.36 Power cord, bearing movement, cleaning etc. should not be broken during.
- 1.37 In case of any electrical leakage, the patient bed must be grounded.
- 1.38 The control box of the patient bed must be socked.
- 1.39 The windows inside the patient's side rail should be less than 120 mm in terms of patient safety.
- 1.40 Special mattress cover should be given with the patient bed. Cover; It should be washable, double-sided elastic fireproof and antibacterial.
- 1.41 Mattress sponge; There should be 23 densities. The mattress sponge should be cnc cut.
- 1.42 Mattress dimensions; It should be 90 cm x 190 cm.
- 1.43 All accessories supplied with the patient bed must be fully guaranteed against production defects for 2 (two) years.
- 1.44 During the 6 (six) years after the patient's bed warranty, there must be a 5% service guarantee including spare parts, maintenance, repair, labor and transportation.