

# NEONATAL BED ALFANEST





## **Design – construction used in practice**

In 2025, we launched the successor to our heated bed, the new **VL-22** model. This gave rise to the idea of using the practical and proven design for a new, modern, and cozy mobile bed. The result is **ALFANEST**.

## **Robustness and mobility**

The bed is robust, very durable and long-life. However, it surprises with its excellent mobility and overall easy handling.

## **Ergonomics and hidden possibilities**

A height-adjustable bed, but that's not all! You will find a whole range of practical options here. From flip-up side rails to bed positioning and storage space, adjustable shelves and infusion holder. Can be attached in up to four positions on the horizontal part of the mobile stand or mounted on a standard Euro rail.

## **Cozy yet practical**

It is pleasant for the mother, and the baby is comfortable and cozy. Especially when supplemented with a heated pad, it provides above-standard warmth.

## **Lighting not only for functionality**

Observation area lighting ensures comfortable lighting of the bed surface, and spatial night lighting provides a pleasant atmosphere throughout the night.

## **Color combination**

The bed comes in five basic versions as standard. We can prepare other color designs for you to order.

## Heavenly Shading

The canopy adds a touch of coziness and pleasant screening from the surrounding environment. Thanks to our handy holder, mom can uncover just one side of the shade, so she'll feel like she always has her little bundle of joy close by.

## Built-in double lighting

Observation lighting of the loading area ensures a comfortable environment necessary for treatment, patient handling, and other necessary procedures. Night lighting evokes a pleasant atmosphere.



Central lighting controller allow you to set the desired brightness, switch the light on and off, and maintain the set lighting level before switching off. For easy access, the observation light can be switched off directly on the shield holder, while the pleasant night lighting remains on. This complies with our rule of intuitive and easy operation with logical access.



### Positioning and tilting side panels of the loading area

Smoothly adjustable patient bed with Trendelenburg/Antitrendelenburg tilt position  $\pm 15^\circ$ . Side panels can be folding down for easier access during treatment.



### Dimensions of the loading area

We offer a choice of two bed sizes:

**500 x 800 mm**

**650 x 800 mm** – Optimal for treating twins

### Storage space with shelf

Pull-out drawers provide ample space for storing essentials. Shelves offer space for quick storage.

### Lift

Simple foot control of the lift allows you to set the ideal ergonomic and comfortable height of the bed's loading surface.

### Attention to detail and practicality

Practical cut-outs for accessory lines.



## Custom combinations of shelves and brackets

Adjustable shelves always provide the necessary storage space. Their design allows for easy cleaning..  
The configuration varies according to customer requirements. That is why we offer four positions for attaching shelves, infusion holders, and other accessories. If a special holder is required, we will design and manufacture it.



### Mounting positions for optional configuration

The mounting positions/holes on the horizontal part of the mobile stand are used to attach accessories.

### Euro rail

The standardized stainless steel Euro rail allows additional devices to be attached.



### Double running wheels

Antistatic, braked with side locking, robust, design.

### Basic device configuration:

- Mobile stand with height adjustment; electrical components—main switch, fuses, power cord, tool-secured metal cover for two electrical sockets for manufacturer-supplied accessories; lighting control
- continuously adjustable bed tilt to Trendelenburg and Anti-Trendelenburg positions +/- 15°;
- mattress with removable SANAPUR VINYTOL PU 200N cover;
- 3 hinged plastic side rails;
- Shield holder with integrated observation area lighting and spatial night lighting
- Covering textile shielding
- 2 adjustable storage shelves;
- 1 storage container with two drawers and a shelf under the patient's bed;
- 1 infusion holder;
- clamping rail system.

### Accessories (optional):

- **HM-13 bottom heating**
- The combination of the bed and the HM-13 heated pad ensures perfect warming of the patient. As it is a separate device, it can also be used separately.
- **Spot examination light on a flexible arm**  
Spot LED spotlight 12V / 10W / 10° illuminates every detail in a specific location
- **Plastic oxygen micro-tent with a diameter of 500 mm**  
Using an oxygen micro-chamber, we simulate the conditions of a closed incubator.
- **Holder O2 cylinder**
- **Holders and specific mountings**

## **Technical specifications**

Name of MD:	Neonatal bed	
Type:	ALFANEST	
Model:	S – patient bed size 500 x 800 G – patient bed size 650 x 800	mm mm
Variant:	white, blue, green, orange, pink	
Power supply:	230/50	V/Hz
Power input max.:	300	VA
Electrical protection of device:	2 x fuse GT632310, 10A / 500V / T / 10kA / 250V	
Class of protection against electric shock:	I	
Level of protection:	IP 20	
Risk class of device:	I	
Sockets for connecting electrical accessories:	2 x max. á 125	VA
Range of bed height adjustment – linear drive:	300	mm
Patient bed dimensions:	500 x 800 650 x 800 – optimal for treatment of twins	mm mm
Patient bed position adjustment:	Trendelenburgh / Antitrendelenburgh poloha +/- 15	°
Total dimensions:	750 x 1150 x 1650	mm
Weight:	80	kg
Observation area and spatial night LED lighting:	brightness control, neutral daily 4000	K
LED spot lighting:	neutral daily 4000	K

### **Permissible loads:**

Bed:	max. 10	kg
Adjustable storage shelves:	max. 5	kg
Bottom fixed shelf:	max. 15	kg

### **Environmental conditions for use:**

Range of relative humidity:	max. 85	%
Range of ambient temperature:	+10 - +40	°C
Range of atmospheric pressure:	70,0 – 106,0	kPa



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