



# Deka

## The mechanical bed

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The Deka is the basic bed model from Stiegmeyer. The name Deka stands for three different feature variants:

- With height adjustment
- Without height adjustment
- The variant for psychiatric care

A hospital bed can be put together as required to meet the needs of patients. The variants stand out with their excellent price-performance ratio. They provide a coherent design concept that leaves plenty of room for personal preferences and circumstances – such as the choice of headboards, footboards and decors. This allows the Deka to blend in with the functionality and style of every hospital unit. Its short chassis makes it easy to steer all models and to manoeuvre them in tight spaces. In addition to the numerous equipment options available, every Deka bed can be transformed into a customisable hospital bed to meet individual requirements using original Stiegmeyer accessories.

Its sleek design makes it easy to hygienically reprocess the bed. The machine-washable variant supports hospitals efficiently in their quest to prevent infections.

The current-less mechanical bed model addresses the specific needs of psychiatric facilities as well as meeting further requirements in clinical settings.

### Advantages for every user

#### Nursing staff

- Ready for use anywhere at any time
- Quick and intuitive to use
- Effortless operation of ¾-safety side
- Good manoeuvrability

#### Technicians

- Robust and durable design
- No electrical testing required
- Reduction in maintenance and repairs due to the absence of electrical components and cables

#### Management

- Flexible availability for use, including in specialist units, even where there is no power supply
- High economic efficiency over its entire service life

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**Deka**  
with height adjustment  
The mechanical variant

- **Height adjustment:**  
43 – 83 cm
- **The practical bed:**
  - Mattress base 90 x 200 cm
  - External dimensions without safety side 95 x 213 cm
  - Mattress base in 4 sections

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**Deka**  
without height adjustment  
The variant without height adjustment

- **Mattress base height:**  
approx. 50 or 55 cm
- **The robust bed:**
  - Mattress base 90 x 200 cm
  - External dimensions with safety side 102,5 x 213 cm
  - Particularly maintenance-friendly design

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**Deka**  
Special beds for psychiatric care  
The variant for psychiatric care

- **Height adjustment:**  
43 – 83 cm
- **The bed for special requirements:**
  - Mattress base 90 x 200 cm
  - Specially secured elements
  - Option of model variant without height adjustment

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## Deka with height-adjustment

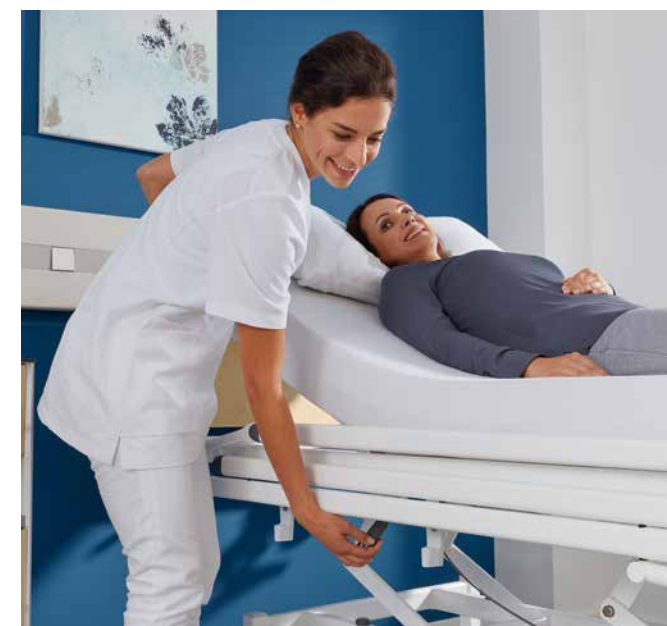
The mechanical version of the Deka makes the operator of the bed independent of an electricity supply. At the same time, the bed can be adjusted so comprehensively with little effort that it is no problem to obtain a comfortable lying position for the patient and an ergonomic working height for nursing staff.

### Strong advantages:

- Back-friendly height adjustment by pressing the hydraulic pump pedal
- Option of easy-to-use pivoting  $\frac{3}{4}$ -safety side with a height of 41 cm
- Optional machine-washable version



◀ Height adjustment range of 43 to 83 cm.



▲ Easy backrest adjustment.



▲ Equipped as standard with backrest retraction for added comfort and to avoid shear forces.

## Deka without height adjustment

In some areas of medical life, a hospital bed is only required to provide basic functions. The mechanical version of the Deka without height adjustment is just the job for providing basic features. This model is supplied with a height of 50 or 55 cm – a good compromise between a convenient height for getting out of bed and an ergonomic working height.

The Deka without a height adjustment feature is distinguished by its outstanding value for money, making it budget-friendly:

- Particularly sturdy and maintenance-friendly
- Option of easy-to-use pivoting  $\frac{3}{4}$ -safety side with a height of 41 cm
- Mattress base in 2 sections, optionally also in 4 sections







Further information  
can be found in  
our separate  
brochure for  
psychiatric beds.



## Deka Special beds for psychiatric care

Patients in psychiatric units often require particular protection. The endangerment of persons must be prevented in crisis situations. The Deka designed specially for this clinical setting is equipped to a high standard of safety. A very securely attached height adjustment pedal, tightly bolted brake pedals and a wire

mesh mattress base that is welded in place all reflect the sturdy design.

The bed offers a number of options in respect of ease of operation, restraint options and protection against misuse.



▲ Optional fold-down Classic footboard for easier access to the patient.



▲ Height pedal secured with a locking pin.

## Safety sides Individual protection

Preventing patients from falling out of bed is a high priority. At the same time, however, it is important to promote mobility and reduce the use of freedom-restricting measures. Deka's safety side systems offer the right choice for meeting these requirements:

- ¾-safety side – protection and orientation with a protective height of 41 cm, while still permitting an unobstructed view due to the design of the crossbars
- Full-length safety side for maximum protection

The design of the safety side enables the bed to be adapted without tools to a changed situation by fitting a full-length safety side.



▲ Effortless release of the ¾-safety side.



▲ The bars take up no extra space and leave room for sitting comfortably on the edge of the bed.



▲ Later conversion to a full-length safety side is possible as an option.

# Equipment and options

## Headboards and footboards



Valero design	
<ul style="list-style-type: none"><li>• Modern design</li><li>• With sturdy tubing (fully varnished or stainless steel at the sides, steel at the top)</li></ul>	<ul style="list-style-type: none"><li>• Headboard and footboard fully removable or fixed</li><li>• Decors from Stieglmeyer Resopal collection</li></ul>



Classic design	
<ul style="list-style-type: none"><li>• Classic design</li><li>• With robust steel tubing</li></ul>	<ul style="list-style-type: none"><li>• Headboard and footboard fully removable or fixed</li><li>• Decors from Stieglmeyer Resopal collection</li></ul>

## Mattress bases



Wire mesh mattress base
<ul style="list-style-type: none"><li>• Made of steel</li><li>• Particularly sturdy and durable</li></ul>



Wire mesh base, removable
<ul style="list-style-type: none"><li>• Made of steel</li><li>• Particularly sturdy and durable</li><li>• Sections can be removed separately</li></ul>



Hygiene mattress base
<ul style="list-style-type: none"><li>• Made of polypropylene</li><li>• Sections can be removed separately</li><li>• Optionally with slots for belt systems</li></ul>



Radiolucent backrest
<ul style="list-style-type: none"><li>• Optional for wire mesh mattress base and hygiene mattress base</li><li>• All-plastic material (HPL)</li></ul>



Mattress base in 2 sections
<ul style="list-style-type: none"><li>• Adjustable backrest</li></ul>



Mattress base in 4 sections
<ul style="list-style-type: none"><li>• Adjustable backrest and thigh rest</li></ul>

## Castors



Kick stop castor
<ul style="list-style-type: none"><li>• Ø 125 mm</li></ul>



Cover castor
<ul style="list-style-type: none"><li>• Ø 125 mm</li></ul>



Double castor
<ul style="list-style-type: none"><li>• Ø 150 mm</li></ul>



Integral castor
<ul style="list-style-type: none"><li>• Ø 150 mm</li></ul>

## Wall deflection rollers



Plastic
<ul style="list-style-type: none"><li>• Ø 100 mm</li><li>• Material: polyamide (PA6)</li><li>• Including wall buffer cone</li></ul>



Standard
<ul style="list-style-type: none"><li>• Ø 100 mm</li><li>• Material: polyamide (PA6)</li><li>• Including wall buffer cone</li></ul>



Universal
<ul style="list-style-type: none"><li>• Ø 100 mm</li><li>• Vertically and horizontally effective</li><li>• Material: polyamide (PA6), polypropylene (PP), TPE</li><li>• Including wall buffer cone</li></ul>

## More equipment



Bed extension
<ul style="list-style-type: none"><li>• Extension of the mattress base by 20 cm</li><li>• Extendable with one easy movement</li></ul>



Linen holder
<ul style="list-style-type: none"><li>• Space for placing items while making the bed</li><li>• Easy to extend at the foot end</li></ul>



Adapter sleeves
<ul style="list-style-type: none"><li>• Positioned at head end for lifting poles with round or oval tubes and for infusion stands</li></ul>



Adapter sleeves for beds with an extension
<ul style="list-style-type: none"><li>• Positioned at the foot end</li><li>• Offer space for infusion stands</li></ul>



Chassis cover
<ul style="list-style-type: none"><li>• Protects the head-end and foot-end castor mountings from getting dirty</li></ul>



# Equipment and options

Deka	with height adjustment	without height adjustment
Safety sides		
No safety side	✓	✓
¾-safety side*	o	o
¾ safety side with additional wall deflection roller*	o	o
Hook-on full-length safety side (accessory)	o	o
Adjustment options		
No height adjustment, no tilting, mechanical backrest adjustment	–	✓
No height adjustment, no tilting, mechanical backrest and thigh rest adjustment	–	o
Mechanical height adjustment, backrest, thigh rest and tilting	✓	–
Pump pedal for hydraulic height adjustment		
Right	✓	–
Right and left-hand side	o	–
Headboard and footboard design		
Classic, removable	✓	✓
Classic, fixed	o	o
Valero coated finish, removable	o	o
Valero chromium-plated, posts stainless steel, removable	o	o
Base colours		
Crystal White similar to NCS S0500N	✓	✓
Argentum similar to RAL 9006	o	o
Decontamination, degree of protection		
Manual reprocessing, IPX6	✓	✓
Automated reprocessing, IPX6W	o	–
Mattress bases		
Wire mesh base, welded in place	✓	✓
Wire mesh base, removable	o	o
Hygiene mattress base	o	o
Radiolucent backrest	o	–
in 2 sections	–	✓
in 4 sections	✓	o
Wall deflection rollers		
4 plastic, all sides, with wall buffer cone	✓	o
4 plastic, all sides, without wall buffer cone	–	✓
4 standard, all sides, with wall buffer cone	o	o
4 standard, all sides, without wall buffer cone	–	o
2 universal at head end, 2 standard at foot end, with wall buffer cone	o	o
2 universal at head end, 2 standard at foot end, without wall buffer cone	–	o
Castors		
Kick stop castor, Ø 125 mm	✓	✓
Cover castor Ø 125 mm	o	–
Integral castor Ø 150 mm	o	–
Double castor Ø 150 mm	o	–
Conductive castor coating		
1 castor	✓	✓
2 castors	o	o
4 castors	o	o

Deka	with height adjustment	without height adjustment
Brake pedal		
Plastic with coloured marking	✓	✓
Die-cast, chrome-plated	o	o
Directional castor position		
Head end, right	✓	✓
Head end, left	o	o
Foot end, right	o	o
Foot end, left	o	o
More equipment		
Chassis cover	o	–
Bed extension	o	–
Linen holder	o	o

# Technical data

All figures given are approximate values.

Deka	with height adjustment	without height adjustment
Dimensions and weights		
External dimensions without safety side	95 x 213 cm	95 x 213 cm
External dimensions with safety side	102,5 x 213 cm	102,5 x 213 cm
Mattress base (mattress dimensions)	90 x 200 cm	90 x 200 cm
Bed extension	20 cm	–
Mattress base in 2 sections	–	80 – 115 cm
Mattress base in 4 sections	80 – 20 – 35 – 56 cm	80 – 20 – 35 – 56 cm
Backrest length compensation	8 cm	–
Safe working load	225 kg	225 kg
Maximum weight of patient	185 – 215 kg	185 – 215 kg
Ground clearance of chassis	15 cm	17,5 cm
Total weight	130 kg	90 kg
Protection height of ¾ safety sides	41 cm	41 cm
Adjustment ranges		
Tilting to Trendelenburg position	16°	–
Tilting to reverse-Trendelenburg position	18°	–
Mattress base height	43 – 83 cm	50/55 cm
Backrest angle	to 70°	to 70°
Thigh rest angle	to 85°	to 85°

# Decors (Resopal)

Silver Grey 0160-60	Snow White 9417-60	Gold 0446-60	Azur 0744-60	Ottawa Maple 4209-60	Eternal Cherry 4325-60
Global Beech 4306-60	Noce Praliné 4452-60	Valley Oak 4166-60	Noce Lyon 4232-60	Baltic Sea D475-60	Storm 10542-60



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Solutions for people who care



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