

ESSENTIALLY BETTER



# Deka

The versatile platform  
for every requirement

Australian Distributor



STIEGELMEYERGROUP



# Deka

## The ideal bed for every requirement

The Deka from Stiegmeyer is far more than just a single model of bed. The name Deka stands for a platform with a variety of equipment options and dimensions. Every institution can compile a hospital bed from the available options to suit their own in-house medical and budget requirements down to the last detail. All options convince users with their sought-after Stiegmeyer quality and their excellent value for money. They provide a coherent design concept that leaves plenty of room for personal preferences - such as the choice of head and footboards and decors. This allows the bed to blend in with the functionality and style of every hospital unit. The clean lines of the Deka also make it easy to thoroughly clean the bed. The machine washable model supports hospitals in efficiently combating multi-resistant pathogens.

The Deka is available in mechanical and various motorised versions to suit every requirement. The Deka covers specific needs ranging from psychiatric care to classic nursing care. All models are easy to wheel from one place to another and can be effortlessly manoeuvred even within a tight space. There is also the choice of an optional 5th castor. Where space is at a premium, a narrower 80 cm mattress base variant is available, instead of 90 cm. In addition to the numerous equipment options available, every Deka model of bed can be transformed into a bespoke ideal bed using original Stiegmeyer accessories. Read on to find out about the many options available on the Deka platform.

### ESSENTIALLY BETTER Advantages for every user

#### Nursing staff

- Ergonomic waist level working height
- Back-friendly adjustment of mechanical version
- Effortless operation of  $\frac{3}{4}$  safety side
- Good manoeuvrability

#### Technician

- Robust, maintenance-friendly design
- Well protected from damage through good manoeuvrability and wall deflection rollers
- Bed surfaces designed with excellent hygienic properties

#### Patients

- Comfortable mattress base with sliding backrest
- Intuitive operation of motorised models using a handset
- Attractive design

# Contents

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**Deka**  
90cm wide  
The basic model

- **Height adjustment:**  
43 – 83 cm
- **The practical bed:**
  - Mattress base 90 x 200 cm
  - External dimensions 102.5 x 213 cm
  - 4-section mattress base
  - Option of a fifth castor for better manoeuvrability

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**Deka**  
80cm wide  
The narrow bed

- **Height adjustment:**  
43 – 83 cm
- **The effortlessly manoeuvrable bed:**
  - Mattress base 80 x 200 cm
  - External dimensions 92.5 x 213 cm for narrow doorways and corridors
  - Option of a fifth castor for better manoeuvrability

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**Deka**  
Fixed height  
Reliable basic care

- **Mattress base height:**  
Approx. 50 to 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**  
Psychiatric care version  
Special beds 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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The safety side on the washable model variant is fitted with an additional edge protection.



- ▲ The Trendelenburg position and reverse-Trendelenburg positions can be quickly and safely activated with a lever.
- ◀ The icon buttons are self-explanatory and can be understood intuitively by the patient.



- ▲ The handset can be locked and unlocked by nursing staff to manage its functions.



- ▲ On the alternative handset, the functional groups are locked and unlocked with the aid of a locking box in the linen holder.

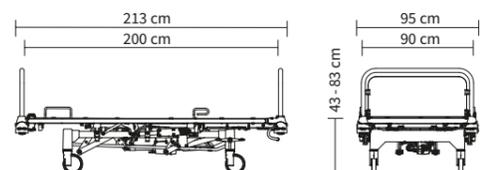
## Deka

### Motorised variants

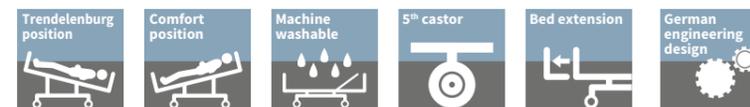
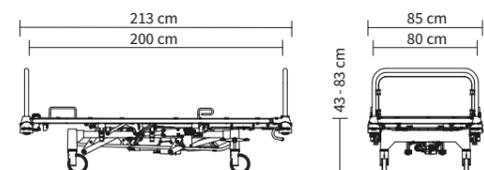
Deka versions offering motorised adjustment of the bed provide many comfort features and great safety in the clinical routine. Here, too, there are many versions to choose from: Possible versions include a single motor for the backrest, 2 motors for backrest and height adjustment and the 3-motor variant, which includes an additional motor for moving the thigh rest.

- Effortless operation of ¾ safety side with a height of 41 cm
- Retrofittable full-length safety side available for beds without a safety side
- 2 handset models to choose from which enable functions to be locked in different ways

External dimensions/height adjustment range of 90cm-width:



External dimensions/height adjustment range of 80cm-width:





▲ The Deka backrest can be adjusted by nursing staff in one easy movement.



▲ The bed is equipped with a sliding backrest as standard to prevent any unpleasant shear forces for the patient.



▲ The Deka optionally provides a comfortable reverse-Trendelenburg position as well as a Trendelenburg position in case of an emergency. Both positions are set mechanically using a lever at the foot end.



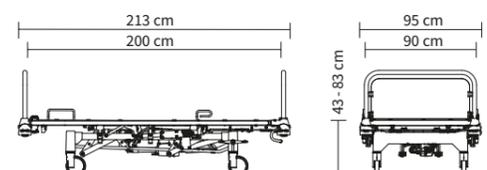
▲ The Deka moves through its large height adjustment range of 43 to 83 cm with the aid of a pedal that nursing staff can easily reach with their foot at any time.

## Deka Mechanical variants

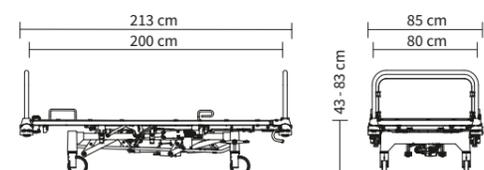
Electricity costs money and is not always on hand at the place of use. The mechanical version of the Deka makes the operator of the bed independent of an electricity supply. At the same time, so many adjustments are possible with virtually no effort that it is no problem at all to obtain a comfortable lying position for the patient and an ergonomic waist-level working height for nursing staff.

- Back-friendly height adjustment by pressing the hydraulic pump pedal
- The mattress base remains precisely on track during vertical adjustments
- Effortless operation of ¾ safety side with a height of 41 cm

External dimensions/height adjustment range of 90cm-width:



External dimensions/height adjustment range of 80cm-width:



No back-straining  
height adjustments  
by hand





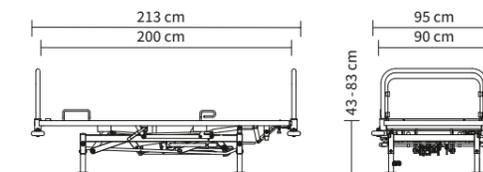
# Deka

## For psychiatric institutions

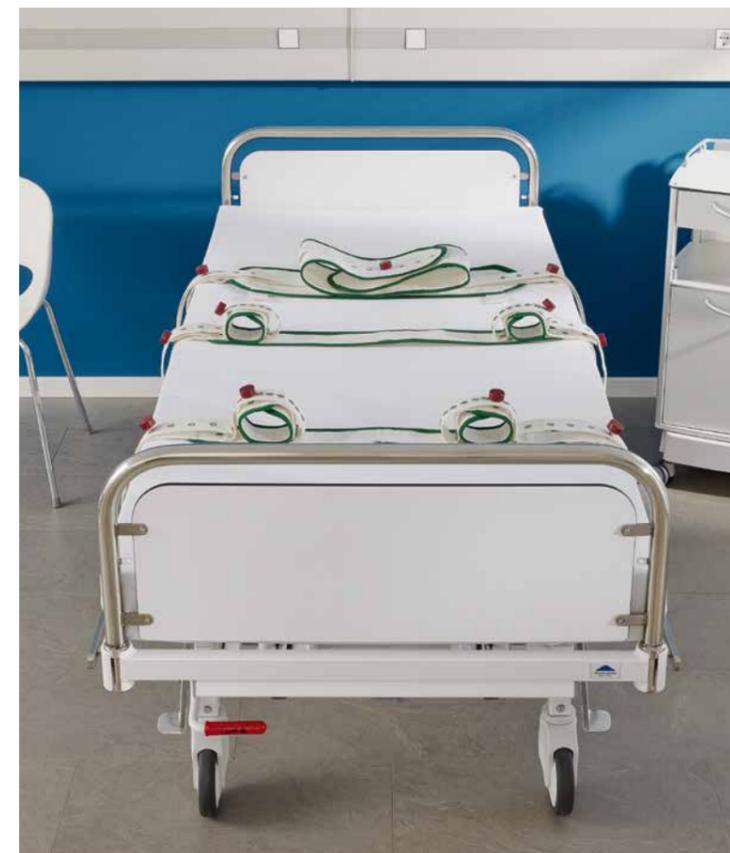
In psychiatric units, restless patients sometimes need special protection. The bed should be designed as far as possible to prevent patients from damaging it and to ensure that they cannot injure themselves or nursing staff with any single part of the bed. Our specially designed Deka for use in psychiatric care provides a high standard of safety in this medical area combined with a high degree of comfort.

You will find more information on psychiatric care models for Deka in our separate psychiatric beds brochure.

External dimensions/height adjustment range:



▼ If immobilising the patient is unavoidable, the backrests and sliding rails provide additional fixation points for belts.



# Deka without height adjustment

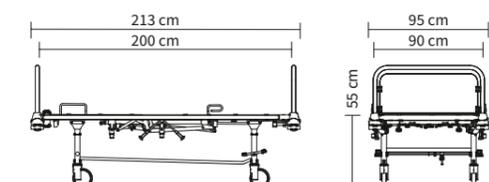
## Reliable basic care

In many areas of medical life, a hospital bed is only required to provide basic functions: It needs to be safe, durable and hygienic and easy to manoeuvre. The mechanical version of Deka without height adjustment is just the job for providing basic features. This model is supplied with a height of 55 cm – a good compromise between a favourable 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, which spares the budget:

- Particularly sturdy and durable
- Good hygienic properties
- Easy to operate safety side

External dimensions/height adjustment range:



# Equipment and options

## Headboards and footboards

	<b>Valero design</b>	<ul style="list-style-type: none"> <li>• Modern design</li> <li>• With sturdy tubing (stainless steel at the sides, steel at the top)</li> </ul>	<ul style="list-style-type: none"> <li>• Headboard and footboard fully removable</li> <li>• Decors from Stieglmeyer Resopal collection</li> </ul>
	<b>Classic design</b>	<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</li> <li>• Decors from Stieglmeyer Resopal collection</li> </ul>
	<b>Intercontinental design</b>	<ul style="list-style-type: none"> <li>• Made of PE plastic</li> <li>• Headboard and footboard completely removable</li> </ul>	<ul style="list-style-type: none"> <li>• Particularly easy to clean</li> </ul>

## Mattress bases

	<b>Wire mesh mattress base</b>	<ul style="list-style-type: none"> <li>• Made of steel</li> <li>• Particularly sturdy and durable</li> </ul>
	<b>Wire mesh base, removable</b>	<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>
	<b>Hygiene mattress base</b>	<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>
	<b>Radiolucent backrest</b>	<ul style="list-style-type: none"> <li>• Optional for wire mesh mattress base and hygiene mattress base</li> <li>• All-plastic (HPL)</li> </ul>
	<b>2-section mattress base</b>	<ul style="list-style-type: none"> <li>• Adjustable backrest</li> </ul>
	<b>4-section mattress base</b>	<ul style="list-style-type: none"> <li>• Adjustable backrest and thigh rest</li> </ul>

## Castors

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

	<b>Double castor</b>	<ul style="list-style-type: none"> <li>• Ø 150 mm</li> </ul>
	<b>Integral castor</b>	<ul style="list-style-type: none"> <li>• Ø 150 mm</li> </ul>
	<b>5th castor</b>	<ul style="list-style-type: none"> <li>• Ø 125 mm</li> <li>• For precise manoeuvrability in confined spaces</li> </ul>

## Wall deflection rollers

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

## Additional features

	<b>Bed extension</b>	<ul style="list-style-type: none"> <li>• Extension of the mattress base by 20 cm</li> <li>• Extendable with one easy movement</li> </ul>
	<b>Linen holder</b>	<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>
	<b>Adapter sleeves</b>	<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>
	<b>Adapter sleeves for beds with an extension</b>	<ul style="list-style-type: none"> <li>• Positioned at the foot end</li> <li>• Offer space for infusion stands</li> </ul>
	<b>Chassis cover</b>	<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	90cm-width	80cm-width	Deka fixed height
<b>Safety sides</b>			
No safety side	✓	✓	✓
¾ safety side*	0	0	0
¾ safety side with additional wall deflection roller*	0	0	0
<b>Adjustment options</b>			
No height adjustment, no tilting, mechanical backrest adjustment	-	-	✓
No height adjustment, no tilting, mechanical backrest and thigh rest adjustment	-	-	0
Mechanical height adjustment, backrest, thigh rest and tilting	✓	✓	-
Motorised backrest adjustment, mechanical height and thigh rest adjustment and tilting	0	0	-
Motorised height and backrest adjustment, mechanical thigh rest adjustment and tilting	0	0	-
Motorised height, backrest and thigh rest adjustment and mechanical tilting	0	0	-
<b>Pump pedal for hydraulic height adjustment**</b>			
Right-hand side	✓	✓	-
Right and left-hand side	0	0	-
<b>Electronic components**</b>			
Handset (with locking function)	0	0	-
Handset and locking box	0	0	-
Rechargeable battery	0	0	-
<b>Head and footboard finishes</b>			
Classic	✓	✓	✓
Valero coated finish	0	-	0
Valero chromium-plated, posts stainless steel	0	-	0
Intercontinental	0	-	0
<b>Design of head and footboards</b>			
Classic head and footboard (completely removable)	✓	✓	✓
Valero head and footboard (headboard removable, footboard fixed)	0	-	0
Intercontinental head and footboard (headboard removable)	0	-	0
Specially secured head and footboards	0	0	0
<b>Base colours</b>			
Crystal White similar to NCS S0500N	✓	✓	✓
Argentum similar to RAL 9006	0	0	0
<b>Decontamination, degree of protection</b>			
Manual reprocessing, IPX6	✓	✓	✓
Automated reprocessing, IPX6W	0	0	-
<b>Mattress bases</b>			
Wire mesh base, welded in place	✓	✓	✓
Wire mesh base, removable	0	0	0
Hygiene mattress base	0	0	0
Radiolucent backrest	0	0	-
in 2 sections	-	-	✓
in 4 sections	✓	✓	0

Deka	90cm-width	80cm-width	Deka fixed height
<b>Wall deflection rollers with wall buffer cones</b>			
4 standard, all sides	✓	✓	✓
4 universal, all sides	0	0	0
2 universal at head end, 2 standard at foot end	0	0	0
<b>Castors</b>			
Standard castor, braked singly, Ø 125 mm	✓	✓	✓
Cover castor Ø 125 mm	0	0	0
Integral castor Ø 150 mm	0	0	0
Double castor Ø 150 mm	0	0	0
<b>5th castor</b>			
Double castor Ø 125 mm	0	0	0
<b>Conductive castor coating</b>			
1 castor	✓	✓	✓
2 castors	0	0	0
4 castors	0	0	0
<b>Brake pedal</b>			
Plastic with coloured marking	✓	✓	✓
Die-cast, chrome-plated	0	0	0
<b>Directional castor position</b>			
Head end, right	✓	✓	✓
Head end, left	0	0	0
Foot end, right	0	0	0
Foot end, left	0	0	0
Centre of bed (5th castor)**	0	0	-
<b>Additional features</b>			
Chassis cover	0	0	-
Bed extension	0	0	-
Linen holder	0	0	0
5th castor**	0	0	-

# Technical data

Deka	90cm-width	80cm-width	Deka fixed height
<b>Dimensions and weights</b>			
External dimensions without safety side	95 x 213 cm	85 x 213 cm	95 x 213 cm
External dimensions with safety side	102.5 x 213 cm	92.5 x 213 cm	102.5 x 213 cm
Mattress base (mattress dimensions)	90 x 200 cm	80 x 200 cm	90 x 200 cm
Bed extension	20 cm	20 cm	-
Mattress base division	approx. 80 – 20 – 35 – 56 cm	approx. 80 – 20 – 35 – 56 cm	approx. 80 – 20 – 35 – 56 cm
Backrest length compensation**	8 cm	8 cm	-
Safe working load	225 kg	225 kg	225 kg
Maximum weight of patient	approx. 185 – 215 kg	approx. 185 – 215 kg	approx. 185 – 215 kg
Ground clearance of chassis	approx. 15 cm	approx. 15 cm	approx. 17.5 cm
Total weight	approx. 130 kg	approx. 130 kg	approx. 90 kg
Protection height of ¼ safety sides	41 cm	41 cm	41 cm
<b>Adjustment ranges</b>			
Tilting to Trendelenburg position**	16°	16°	-
Tilting to reverse-Trendelenburg position**	18°	18°	-
Mattress base height	approx. 43 – 83 cm	approx. 43 – 83 cm	approx. 50/55 cm
Backrest angle	to approx. 70°	to approx. 70°	to approx. 70°
Thigh rest angle	up to approx. 85° (mechanical version) up to approx. 35° (motorised version)		to approx. 85°

## Decors



\* These decors can be selected for the Intercontinental head and footboard.



## Custodians of values Shapers of the future

### STIEGELMEYERGROUP

#### Custodians of values

Our company was founded in Herford in 1900 and is still a family-run enterprise today. Respect and a sense of responsibility towards our customers, employees and partners form the basis for our day-to-day work. Based on these values and our many years of experience, we offer our customers all over the world high-quality products, solutions and services to meet the needs of the care and healthcare sectors.

#### Shapers of the future

In order to cope with rapid changes in the care and healthcare sectors, we develop all our products ourselves. Creating innovations and visions of what care will be like in future are the goals we pursue. We maintain regular contact with our customers in order to support them in their daily tasks. Implementing tomorrow's trends today is a successful tradition of ours.

#### Our expertise

Hospital

Nursing home

Homecare

Lifestyle beds

Furniture systems

Service



The Stieglmeier-Group is your international partner for hospitals and care facilities and, with the Burmeier brand, also for home care. We support our customers with practical products, solutions and services, which we constantly develop further.

- Founded in 1900 and still family-run today
- Employs 1,100 members of staff worldwide
- Production of all core products in our own factories
- Product development and manufacture in Germany
- Services, training and process optimisation at the customer's site
- International certification and export to more than 60 countries
- Sales companies in Belgium, Finland, France, the Netherlands, Poland and South Africa

Our brands





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