

# Intelligent hospital beds



# Elevating Health Care

KR develops, produces and distributes world class hospital beds, care beds and other welfare equipment to health care institutions around the world.



We cooperate closely with our customers and users in co-creation projects, while developing our products.

All production takes place in Hadsten, Denmark, securing the quality, flexibility and innovative design for which Danish products are renowned.



We have a global mindset, which enables us to translate solutions from one market to another, differentiating our solutions quickly and efficiently to specific customer needs.

## **KR Hospital Beds**

- Reliable and service-friendly
- Solid and fully welded steel design
- Expected service life of 10-15 years
- Electrical components, castors and other moving parts of the highest quality and largely maintenance-free
- Guaranteed availability of spare parts for 10-15 years from the time of delivery

**“Even though we are locally based in Central Denmark, we apply a global mindset that allows us to adapt our solutions quickly and efficiently to match market demands from all parts of the world.”**

KLAUS BROCK, MANAGING DIRECTOR

# OPUS 5 HOSPITAL BED

## The intelligent hospital bed of the future is Danish

KR has worked with the Central Denmark Region, Randers Regional Hospital and several other partners to develop the intelligent hospital bed of the future - a bed that challenges and optimises work processes in and around patient care.

During the development process, particular attention has been paid to patient safety, comfort and self-help options, as well as to staff safety, the working environment and efficiency. Moreover, emphasis has been placed on infrastructure and communication in the healthcare sector today and in the future.



### The standard bed

- 4-section, ergonomic mattress support platform
- Mattress support platform 210 cm (optional up to 220 cm)
- Smooth running castors
- Central brake and direction control
- Collapsible bed rails
- Patient controllers
- Staff controller w/locking function
- Pre-programmed sitting positions
- Exit from the foot end
- Lateral tilt function
- Electric Trendelenburg and anti-Trendelenburg

### OPTIONS

- Collapsible IV stand
- Specially designed mattresses

### FUTURE OPTIONS

- Electric brake and direction control
- Light under the bed
- "Out of bed" sensor
- Support handles
- Bed rail extension
- Electric brake and direction control
- Electric auxiliary motor

# Mobilisation from the foot end



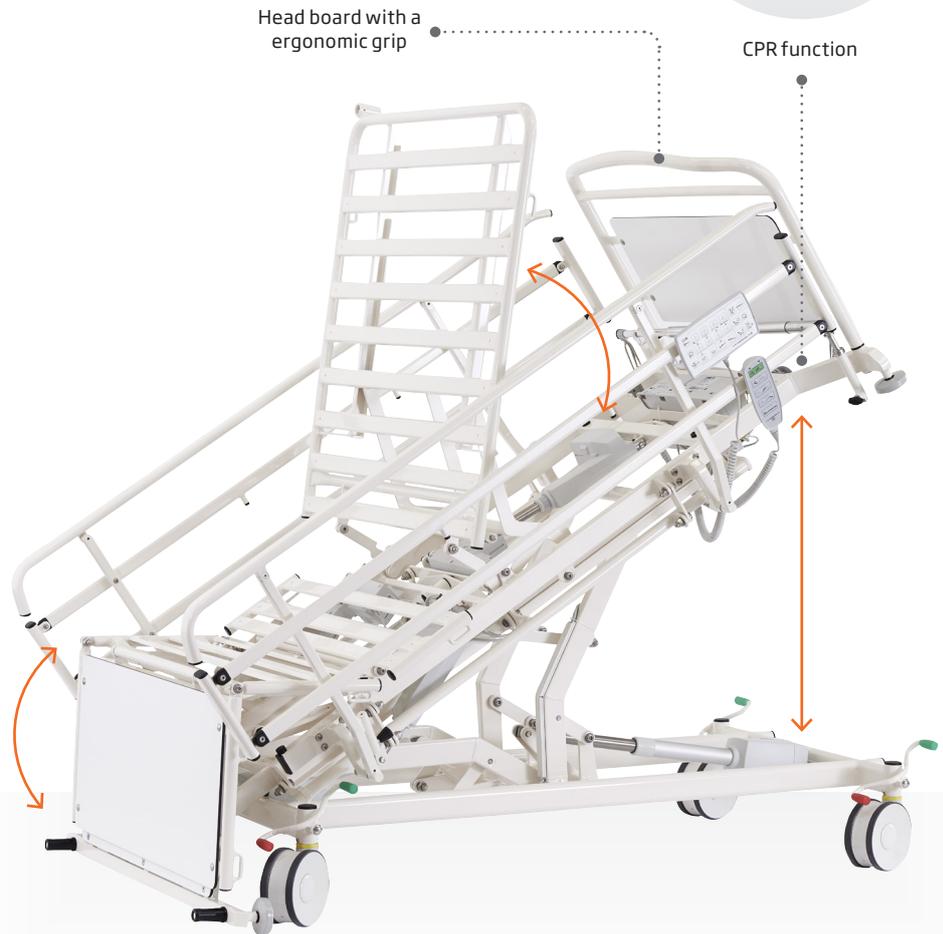
Exit from the foot end



Easy in and out of bed



Lock/unlock display-functions



## Benefits with exit function



Additional options for rehabilitation

Conversations on equal terms

Greater opportunities for self-help

Improved eating scenarios

Shorter route from lying to standing for patients

Gentler and earlier mobilisation of newly operated patients

Less staff needed for mobilising patients and returning them to bed

Reduced physical strain on staff in connection with mobilisation

Easier to dress and undress patients

Improved control, fewer falls

# OPUS 5

## Relocation with lateral tilt



5° lateral tilt



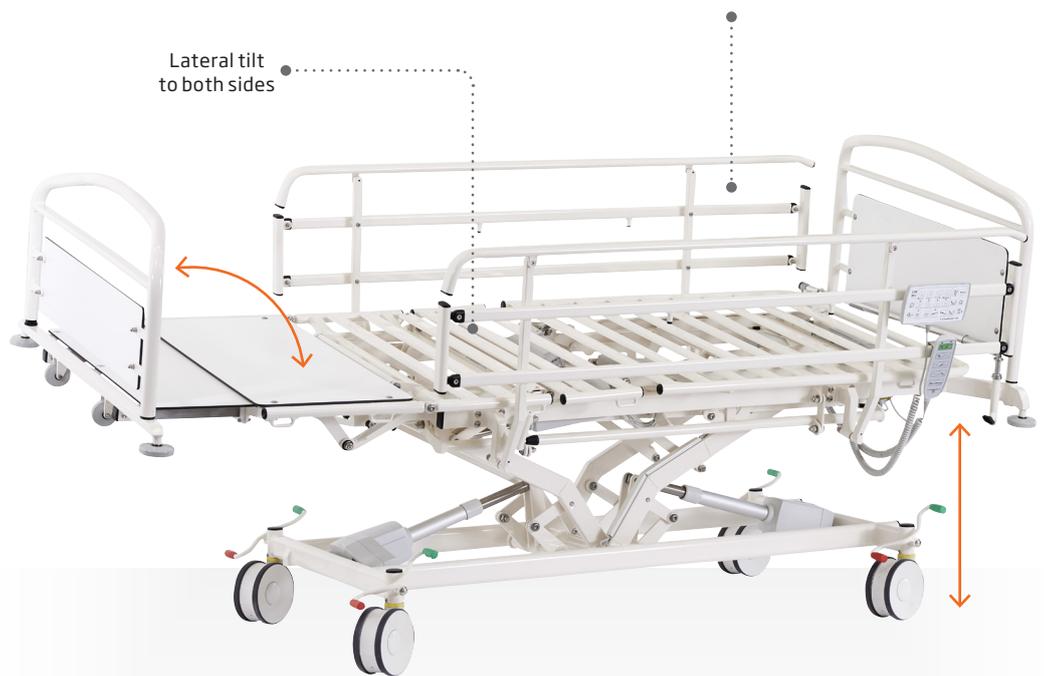
10° lateral tilt



Gentle relocation of the patient



For comfort apply the soft siderail cover



### Benefits with 5-10° lateral tilt function



Assistance while mobilising and turning patients

Improved options for positioning patients in bed during care

The lying surface can be lowered to 35 cm (from the floor)

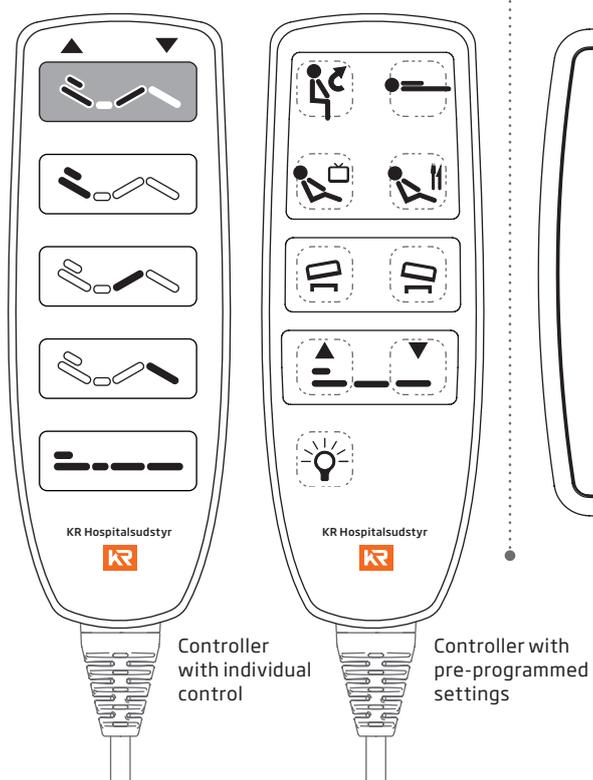
Reduced physical strain on staff

Helps prevent pressure wounds

Assistance during relocation in bed

# Intelligent OPUS 5 controllers

## ▶ PATIENT CONTROLLERS



## ▶ STAFF CONTROLLER WITH LOCKING FUNCTION



## Mattresses

All our mattresses are especially designed with focus on functionality and comfort.



Foam and memory foam

Max. 130 kg

Pressure wound category 1-2



Foam and stimulite

Max. 225 kg

Pressure wound category 3-4



# Welfare innovation in Hadsten

KR develops and manufactures hospital beds, care beds and other welfare technology for healthcare institutions around the world.



KR was founded in 1970 in Hadsten, Central Denmark, and we continue to develop our business and our products to match the changes taking place in the world.

Product development is conducted in close collaboration with our customers and their users in shared projects - ideally as Public-Private Innovation Partnerships (PPIP).

All production is carried out at our own premises in Hadsten, with the quality, flexibility and innovation that distinguish Danish products.

**The future is now**



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