

# CARENA™

## Lojer Merivaara Carena hospital bed

The modern hospital bed



Product pictured with optional accessories

Main features:

1. Safe working load (SWL) 330 kg
2. Simultaneous movements of different parts
3. State-of-the-art ergonomics for both nurse and patient

Carena is a revolutionary hospital bed with unparalleled ergonomics for both the patient and the nurse. The needs of nursing staff as well as an increase in the average weight of the population and the relative number of elderly people have been taken into consideration in its design. Smaller patients love it – the minimum height (starting from 31,5 cm) makes it easy for them to get in and out of the bed on their own. The vertical raising motion does not require additional space and the bed can be moved in even the tightest spaces.

Carena fulfills all requirements for medical devices: IEC 60601-2-52, IEC 60601-1-2 (EMC) ja SFS-EN 60601-1.

Additionally, the hospital bed accommodates also heavier patients the maximum safe working load (SWL) being 330 kg. This next-generation hospital bed is equally suited for use in day surgery, emergency room, long-term or intensive care or nursing homes.

Carena has 4-part bed section (205 X 80/90 cm), with electrical height, back and thigh section adjustment. Calf section adjustment is assisted by gas spring. Trendelenburg and Anti-Trendelenburg are both manual and electric.

**LOJER**® For easy care

## Carena takes the effort out of many routines

With Carena, the work efficiency of hospital staff can increase considerably. Carena has been designed to help nursing staff in their everyday work and take the effort out of many of the routines involved in patient care. Routine-easing design features include an optional foldable bed end, which also serves as a fold-down bedding surface and mattress holder – designed to make routines such as cleaning and bed making much easier and more efficient.



## Easy brake access

The brake pedal design makes it easier for hospital personnel to press and release the brake. The location of the brake and the distance to reach the pedal is ergonomic.

## Designed for easy cleaning

The design of the new mattress base and removable base plates make cleaning easy. Clean and contoured lines, no sharp angles or small gaps, and the washable base plates or optional metal net make cleaning very easy.



## Innovative structure

The vertical raising motion does not require additional space and the bed can be moved into even the tightest spaces. Thanks to the frame design, the Trendelenburg adjustment can be done even when the bed is in its lowest position. The unique lifting mechanism has been patented.



## Light manoeuvrability

Carena's manoeuvrability was emphasized when the bed was designed. The bed itself weighs only approximately 100 kg, which ensures maximum ease of manoeuvring. Together these features make Carena wonderfully easy to move, even while transporting large patients.

## 4-part bed section

The re-measured leg section ensures a comfortable position for the patient when adjusting the bed and effectively prevents the patient from sliding when the back section is moved. Correct treatment positions are of the utmost importance for patient well-being and they are easy to carry out with the 4-part bed section.



## Electric Trendelenburg

Electric Trendelenburg is often used to position the patient for treatment. The new structure of Carena enables Trendelenburg to be used even in the lowest position of the bed. Electric Trendelenburg gives even more freedom and versatility in angles of inclination while carrying out variable treatment positions. Manual Trendelenburg is also available.



## Long product life-cycle

Carena beds are durable and easy to maintain, designed for long-term, high-wear use. There's also a machine washable model of Carena available.

## Patients can get in and out on their own

The unique and revolutionary low height (starting from 31,5 cm) combined with optional grab handle possibility on both sides and lifting pole makes it easy for patients to get in and out of the bed on their own.



## Excellent safe working load 330 kg

Average patient weights are constantly increasing and placing demands on product durability. Carena breaks new ground here as well – it has a remarkable safe working load (SWL) of 330 kg, and a max. patient weight of 300 kg.



## Easy maintenance

Thanks to Carena's design, maintenance is easier than ever: removable base plates give easy access to necessary components. The bed adjustments and structure are simple to upkeep and the need for maintenance is minimal.

## Versatile range of accessories

With a wide range of accessories Carena is suitable for emergency room, long-term care or intensive care use. Merivaara's most popular bed accessories are compatible with Carena. Older bed models are easily upgraded with new, colourful and compatible accessories.



Technical data and features	
Total width (incl. siderails)	90 / 95 / 100 cm
Patient surface width	80 / 85 / 90 cm
Total length	215 cm
Height adjustment	31,5 - 81,5 cm (125 mm castors), 34 - 84 cm (150 mm castors)
Recommended mattress size	75 x 200 cm (for 80 cm patient surface) 80 x 200 cm (for 85 cm patient surface) 85 x 200 cm (for 90 cm patient surface)
Castors	Ø150 mm central locking castors: 2 pedals and a braking bar at foot end
Maximum patient weight	300 kg
Safe Working Load (SWL)	330 kg
Trendelenburg/Anti-Trendelenburg	12° / 6°
Back section adjustment	0 - 70°
Thigh section adjustment	0 - 29°
Calf section adjustment	0 - 24°
IP Class	IP66
Other features	Hand control   frame color: painted silver   mattress base cover ABS-plastic (ventilated ja detachable)   bumpers   fixing for restraining straps vertical raising motion   simultaneous movements of different parts (f.ex. height and back section)
CE marked	Yes
Country of manufacture	Finland

#### Factory installed options:

- Extendable +30 leg section (for 80 and 90 cm patient surfaces), ABS-plastic
- Adjustable metal net cover
- Mattress base for X-ray (for 80 and 90 cm patient surfaces)
- Mattress stopper
- Ø150 mm central locking twin castors with antistatic directional wheel
- Ø200 mm central locking castors
- 5th wheel
- Back section quick release (CPR)
- Battery
- Potential equalisation system
- Foot control
- Extra hand control
- Grab handle
- Lifting pole
- Adapter for grab handle

#### Other accessories:

- Bed end, detachable. Frame tube: chromed or painted. Bed end plate color white; other colors light blue, light green, beech and birch
- Bed end, detachable and foldable (works as auxiliary tray for linen). Frame tube: chromed or painted. Bed end plate color white; other colors light blue, light green, beech and birch
- Side rails, chromed or painted color silver
- 3/4 side rails, chromed or painted color silver
- Journal basket
- Monitor tray
- Infusion rod with 4 hooks or attachment to the lifting pole
- Drainage bag holder
- Urine bottle holder
- Oxygen bottle holder 5kg
- Accessory rails
- Hook for electrical cable



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