

carilex[®]

Separable Mobile Bed System From Bed to High-Back Chair, All-in-One Safe Move

CariRaise



COMBINING THREE FUNCTIONS IN ONE

ELECTRIC BED

MOBILE CHAIR

PATIENT TRANSFER

CariRaise is a next-generation Separable Mobile Bed System that streamlines patient transfers while safeguarding both patient comfort and caregiver well-being.

With its unique split-and-rejoin mechanism, CariRaise converts from a full patient bed into a mobile high-back transport chair in seconds—delivering smooth transfers, efficient bedside care, and safe transport without the need for lifting.

Designed for immobile, elderly, and high-dependency patients, CariRaise reduces physical strain on caregivers, supports zero-lift care policies, and significantly shortens transfer times compared with conventional methods. From hospitals and nursing homes to home care environments, CariRaise offers a safer, faster, and more dignified solution for patient handling.

Key Features of CariRaise | Separable Mobile Bed System |



Electric Bed + Wheel Chair + Patient Transfer

Quickly converts between a patient bed and a high-back transport chair for versatile use in transfer, mobility and rehabilitation



Adjustable Chair Position

Motorized backrest adjusts from flat to 72° upright, and leg section moves from -75° to 15°; footrest stays level at all times for consistent patient comfort



One-Caregiver Operation

Ergonomic controls and intuitive docking allow a single caregiver to perform transfers—reducing manpower needs and time-saving



Zero-Lifting Safety

Eliminates the need for manual lifting by transforming the bed into a high-back transport chair, reducing strain and injury risks for caregivers



Enhanced Safety Features

Protective caps cover all screws and fasteners to prevent accidental scratches, while spring-assisted, foot-operated anti-tip bars lock automatically for added stability during use

Flexible Mobility through Separation

The bed-and-chair split design equipped with four 5-inch swivel castors, offering full 360° rotation and secure locking. This ensures smooth movement, precise positioning, and stable operation-even in confined spaces



Integrated Medical Accessories

Pre-drilled IV pole sockets at the headboard and chair side, along with dedicated hooks for urine bags on both sides, provide convenient and organized medical support



Eco-Friendly Materials

Wooden side rails, headboard, footboard, and decorative panels are made of MDF, balancing environmental sustainability, aesthetics, and safety

Technical Data - CariRaise

Bed Frame and Chair Combined	Net Weight	156kg
	Max. Patient Weight	135kg
	Dimensions (L x W x H)	L:2290 x W:1045 x H:840~990mm
	Bed Type (Based on care recipient's position)	Left-Door (L type) / Right-Door (R type)
	Castor Diameter	125 mm x 4 (Swivel with brake, at each bed leg) 73 mm x 8 (Swivel without brake, side doors)
	Mattress Materials	8 or 10cm thick high-density foam
	Mattress Cover Materials	Polyester fabric, flame-retardant, waterproof
Bed-Chair Unit	Net Weight	45kg
	Max. Patient Weight	135kg
	Dimensions (Flat position)	L:1940 x W:660 x H:590mm
	Seat Width / Depth	W:520 mm / D:500 mm
	Castor Diameter (Front / Rear)	125mm x 4 (Swivel with brake)
Control Box (With Built-in Rechargeable Battery)	Input Voltage	100~240V/Ac , 50/60Hz
	Power Consumption	3500mA
	Battery	12V 1.3Ah x 2 Green LED when powered
	Handset Controllers	Bed handset x 1 (Two-button, with audible alert at min/max positions) Chair handset x 1 (Six-button)
Environmental Conditions (Use / Transport / Storage)	Waterproof Rating / Safety Standards	IPX4 waterproof rating IEC60601-1, IEC60601-1-2, IEC60601-2-52 compliant
	Temperature	Transport:-10°C to 50°C / Operation:10°C to 40°C
	Relative Humidity	Transport:20%~80% / Operation:30%~75%

Option	Anti-Decubitus Air Alternating Pressure Mattress System		
Dimension	L:1900 x W:520 x H:130mm	Description	5"+0.2" PE foam 16-tube design with control pump

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Principle Strategic Partner

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