

Robin[®] EVO

Supporting patients and caregivers



A new and advanced ceiling hoist

Focused on safe and dignified transfers



An improved solution in patient transfers

The Invacare Robin® EVO is our new and improved ceiling hoist, designed to respond to today's challenges in nursing and homecare settings.

Studies show 59% of healthcare professional injuries are a result of patient handling.¹ Physical strain and awkward postures leads to back injuries and various musculoskeletal disorders resulting in staff absenteeism.

Implementing effective patient handling helps prevent injuries and ensures a responsible and safe working environment for staff as well as patients.

With an increase in manual handling regulations and staff shortages, patient handling activities such as transferring need to be done by less caregivers. Ceiling hoists can contribute to making life easier for care staff.



Single handed care

Transfer procedures can be performed **by one caregiver**.



Effective for caregivers

Multiple studies have shown ceiling hoists to significantly reduce the static load of caregivers and **reduce the amount of transfers up to 47%²**.



Dignity for patients

The Robin® EVO ceiling hoist is an efficient manual handling solution that focuses on the **dignity and safety of the patient**.

Robin® EVO ceiling hoist is suitable for various home and care environments.



1. Totzkay, DL. Multifactorial Strategies for Sustaining Safe Patient Handling and Mobility. Crit Care Nurs Q, 2018. 41(3): p. 340-344

2. Van plafondtilsysteem naar plafondzorgsysteem een praktijkgericht onderzoek naar de effecten van grootschalige introductie van plafondtilsystemen, Hanneke JJ Knibbe, Nico E Knibbe. LOCOMotion, November 2021



Sling Selection

Invacare slings are an essential addition to the Robin® EVO ceiling hoist. Each provides safe, supportive, and comfortable patient transfers. All are carefully designed to work with the person's body shape, ensuring a perfect fit and offering the right support where required.

They come in thirteen models, each in up to six sizes and with three fabric options to choose from. There is an Invacare Sling suitable for everyone.



Technical data ▼

More information about this product, including the user manual, please visit our website: www.invacare.eu.com

Length of motor ▼	Width of motor ▼	Height of motor ▼	Strap length ▼	Strap length increments ▼	Total product weight ▼	Max. user weight ▼
505 mm	190 mm	211 mm	2,5 meter	4.2 cm/s Lifting speed without load 3.7 cm/s Lifting speed with 200 kg load	9,5 kg	200 kg

Lifts per charge; Approx 90. (user weight 80 kg, 0.5 m up/down)

Voltage between battery/hoist; 24V DC

Voltage supply 100 – 240 V AC, 50 /60 Hz, 1A

ISO 10535:2021 compliant



Robin EVO is designed specifically for patients who are unable to independently mobilize and need support from caregivers. This level of mobility has been identified as level D and E, according to MK5's mobility classification.

In MK5 the functional mobility is classified into five levels (A, B, C, D and E) based on the resident's limitations and ability to cooperate during the transfer. LOCOMotion (Knibbe & Knibbe)

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