

Experience a new
way of handling
your mobile lift.

EVA DRIVE
System **RoMedic**



handicare

Why we created EvaDrive.

In the healthcare sector the cost of manual handling incidents and especially back injuries is increasing as is the number of people requiring care and transfer assistance. Further, inadequate budgets in combination with the onset of reduced care packages and an increasing population of “plus size” patients add to the on going risk and potential for load injuries.

Our goal is to provide new and innovative lifting and transfer aids that reduce the risk to carers and avoid these load injuries. That is why we have created EvaDrive

EvaDrive is a new motorized mobile lift which greatly reduces the force required to maneuver the patient while in the lift. EvaDrive runs almost effortless, even in narrow spaces. With its intuitive control handle it is as easy to operate as your ordinary shopping trolley!

When used with Handicare’s functional and easy-to-use SystemRoMedic™ slings and accessories, the EvaDrive is the right choice for lifting in connection with transfers to and from the bed, chair or floor as well as for horizontal repositioning and gait training.





Intuitive control panel

Perceptive handle

Powerful lithium battery

Turnable rear wheels

Intuitive operation. A completely new way to maneuver your mobile lift.

EvaDrive operates intuitively and almost without force. The handle perceives your every move. With the tip of your finger you can move EvaDrive into very narrow spaces, when for example repositioning a patient in bed in a small hospital room.

EvaDrive will turn, reverse, and run forward simply by gently touching the handle in the desired direction. EvaDrive knows where you want to go – and takes you there!



A single carer can easily operate the lift with a plus size user without using any force.





How it works.

The control panel



Press the On/Off button and EvaDrive is ready to operate within seconds.



The rear wheels can be turned to any angle.



When you need high precision and low speed - simply press the snail.



The service indicator will announce when EvaDrive is due for inspection.

The handle



The perceptive and ergonomic handle is equipped with load cells that intercepts your every move. By gently pushing it, EvaDrive moves forward. By pulling it lightly, EvaDrive reverses. The handle will sense your every desired movement. The EvaDrive will go in any direction at the end of your fingertips. The handle is ergonomic and adjustable in height. Also, a safety switch will prevent any undesired movement.

The wheels



The rear wheels turn to any angle by using the control panel buttons. EvaDrive moves into very narrow spaces enhanced by the lateral movement of the wheels.



EvaDrive easily operates in narrow spaces.

The battery

The powerful lithium battery unit will last an entire work shift. Charge the battery when EvaDrive is not in use, to have a fully operational lift ready for the next work shift. The battery is detachable and can be replaced if needed.



The EvaDrive conversion kit

You can easily convert your existing Eva450 and Eva600 into an EvaDrive by using the conversion kit.
The conversion kit is mounted in less than 20 minutes.



The information below regards the Eva450EE and Eva600EE complete with the EvaDrive-kit.

Product specification

Eva450Drive _____ Art. No. 60900002
Eva450Drive Conversion Kit: _____ Art. No. 60900012

Eva600Drive _____ Art. No. 60900003
Eva600Drive Conversion Kit: _____ Art. No. 60900013

Technical information

Safe working load: _____ 205 kg / 450 lbs
Lifting height min-max: _____ 500-1790 mm (19.7-70.5")
Outer dimensions base: _____ 685-980 mm (27-38.6")
Inner dimensions base: _____ 585-880 mm (23-34.6")
Lifting speed without load: _____ 3.5 cm/s (1.4"/s)
Emergency lowering: _____ Manual and electrical
Castors front: _____ Ø 100 mm (Ø 3.9")
Castors back: _____ Ø 203 mm (Ø 8")
Battery capacity: _____ 17.6 Ah
Material: _____ Aluminium/Steel
Protection class: _____ IPX4
Sling bar (width): _____ 450 mm (17.7")
Weight (with battery): _____ 58 kg / 127.9 lbs
Weight (without battery): _____ 54 kg / 119 lbs

Safe working load: _____ 270 kg / 600 lbs
Lifting height min-max: _____ 500-1810 mm (19.7-71.2")
Outer dimensions base: _____ 750-1150 mm (29.5-45.2")
Inner dimensions base: _____ 650-1050 mm (25.6-41.3")
Lifting speed without load: _____ 3.5 cm/s (1.4"/s)
Emergency lowering: _____ Manual and electrical
Castors front: _____ Ø 100 mm (Ø 3.9")
Castors back: _____ Ø 203 mm (Ø 8")
Battery capacity: _____ 17.6 Ah
Material: _____ Aluminium/Steel
Protection class: _____ IPX4
Sling bar (width): _____ 600 mm (23.6")
Weight (with battery): _____ 64 kg / 141.1 lbs
Weight (without battery): _____ 60 kg / 132 lbs



Please visit www.handicare.com for more information.

SystemRoMedic™

SystemRoMedic™ is a complete solution for easy transfers. The concept encompasses four product areas that meet most needs in different transfer situations.

Transfer, between two locations. **Positioning**, within the same location.

Support, for mobility. **Lifting**, both manual and mechanical.



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