

Why we created EvaDrive.

In healthcare the cost of manual handling incidents, especially back injuries is constantly 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 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 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 point 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 will last an entire work shift. Charge the battery when EvaDrive is not in use, in order to have a fully operational lift ready for the next work shift. The battery is detachable and can be replaced if needed.





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

Product specification

Eva450Drive	_ Art. No. 60900002	Eva600Drive	_Art. No. 60900003
Eva450Drive Conversion Kit:	_ Art. No. 60900012	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

270 kg / 600 lbs
500-1810 mm (19.7-71.2")
750-1150 mm (29.5-45.2")
650-1050 mm (25.6-41.3")
3.5 cm/s (1.4"/s)
Manual and electrical
Ø 100 mm (Ø 3.9")
Ø 203 mm (Ø 8")
17.6 Ah
Aluminium/Steel
IPX4
600 mm (23.6")
64 kg / 141.1 lbs
60 kg / 132 lbs



Please visit www.handicare.com for more information.

SystemRoMedic*

SystemRoMedic $^{\!\top\!\!M}$ 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.

