



INSTRUCTIONS
FOR
REAR LIFTING DEVICES
FOR GARGO & PASSENGERS
USL HEL RØR M1 & USL HEL RØR M2



EF-Declaration of Conformity

Manufacturer : DK Lifte ApS
Address : Landholmvej 9, DK-9280 Storvorde
Phone : + 45 41 31 78 00



herewith declares, that

Machine : Lift
Type : USL HEL RØR M1 & USL HEL RØR M2
Production date : 2024

Compliant with the following directives:

Low Voltage Directive 2006/95/EF; Machinery Directive 2006/42/EF EMC Directive 2004/108/EF; Framework for the approval of motor vehicles and trailers thereof and of systems, components, and separate technical units for such vehicles 2007/46/EF

The following harmonized standards and regulations have been applied:

DS/EN 1756-1:2021 Rear Lifts – Lift Platforms for Vehicle Mounting – Safety Requirements – Part 1: Rear Lifts for Goods

DS/EN 1756-2+A1:2009 Rear Lifts – Lift Platforms for Vehicle Mounting with Wheels – Safety Requirements – Part 2: Rear Lifts for Passengers

Also meets the requirements of EMC in UN ECE R10 Rev.6, 11.2019 (in parts)

Title: Managing Director

Date: 2024

Signature: 
Henrik Andersen

Technical data

Date : 2024
Type : USL HEL RØR M1 USL HEL RØR M2
Type no. :
Customer :
Address :
Zip code and city :
Phone :

Car type :
Reg. no. :
Fittings :
Type name : External Standard Lift with full platform for M1 or M2 vehicles
Color : Galvanized

Lifting capacity : 500 kg
Weight : 163 kg
Length : 1700 mm extended with anti-roll-off device
Length : 1500 mm usable dimension
Width : 1230 mm
Lifting height : 600 mm

Mounted by :

Date :

Operating conditions

The lift may only be operated by trained individuals who have read the manual, and it is required that the regulations outlined in the manual be adhered to as a minimum. This is crucial for maintaining safety when using the lift.

The manual should be kept nearby the lift.

The lift should only be used for lifting wheelchairs, walkers, and electric scooters, and must not be loaded beyond the specifications outlined in the technical data.

If the lift is used for other purposes, if structural modifications are made, if there is a lack of maintenance, or if non-original spare parts are used, the prerequisites for the lift's high level of safety and stable operation are invalidated, the warranty is voided, and responsibility lies solely with the user.

When the vehicle is left unattended, the main switch of the lift must be turned off to prevent unauthorized use, and the vehicle's doors must be locked. The main switch may be located in different places depending on the car brand, typically on the dashboard or under the driver's seat.

The lift can be operated via the internal control panel or by using the remote control.

Before using the lift, the operation of the lift's controls and the platform's anti-roll-off device must be checked.

The lift must undergo a major inspection according to applicable national regulations. Major inspections must only be carried out by DK Lifte ApS or an approved workshop.

The lift's platform MUST be stopped horizontally during the lowering from the transport position, as otherwise, the wheelchair will roll over the edge when the platform is lowered.

The indicator lamp on the instrument panel illuminates when the lift is not in the transport position. If the lamp lights up during driving, the lift must be checked immediately (Applies only to model M2).

Warning

Always position yourself outside of the lift's working area when operating the lift. Never stand behind the lift.
MAINTAIN DISTANCE - 3 METERS FROM THE LIFT.



CE marking sign

The CE marking sign is located on the rear side of the lift, and it can be read when the platform is in the transport position.



Control devices

Standard push-button box with flexible spiral cable

The push-button box controls all movements of the lift. The buttons have a dead man's function, meaning that when the button is released, the lift's movement stops immediately.



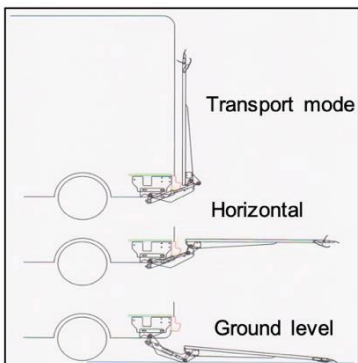
Wireless control (Optional equipment)

Has the same functions as standard push-button operation.



Lifting positions

The following lift positions are used in the operating instructions:



How to use the lift

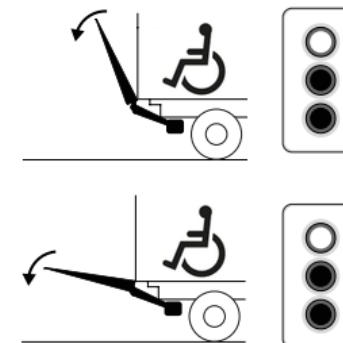
Drawing indication:

- Indicates what you need to do
- Indicates what is happening

How to get the wheelchair out of the car

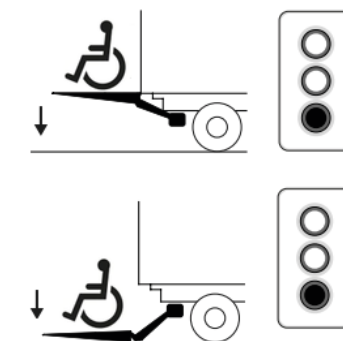
Lowering the lift from transport position to floor level:

- Position yourself outside the lift's operating area to avoid being hit when the platform is lowered.
- Press and hold the VIP and DOWN button simultaneously.
- ◇ The platform tilts from vertical down to horizontal at floor level.
- Stop the platform's movement horizontally by releasing the UP and DOWN buttons.



Lowering the lift to ground level position:

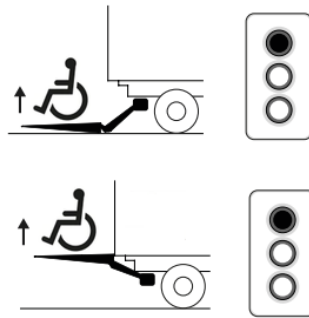
- The doors at the lift open.
- The wheelchair is rolled out onto the platform up to the wheelchair restraint and locked in place.
- Press and hold the DOWN button.
- ◇ The platform lowers and rests at ground level.
- Release the DOWN button when the outside of the platform is tilted all the way down towards the ground.
- Unlock the wheelchair and roll away from the platform.
- Close the lift doors.
- Move the lift to the transport position.



How to get the wheelchair into the car

Raising from ground level to floor height:

- Lower the lift to the ground position.
- The wheelchair is rolled onto the lift platform and locked in place.
- Check that the wheelchair restraint is not blocked and flips up when the platform lifts.
- Press and hold the UP button.
- ◇ The platform will now first tilt up to a horizontal position and then start to lift.
- Release the UP button when the platform reaches the level of the car's floor.
- The wheelchair is rolled into the car.

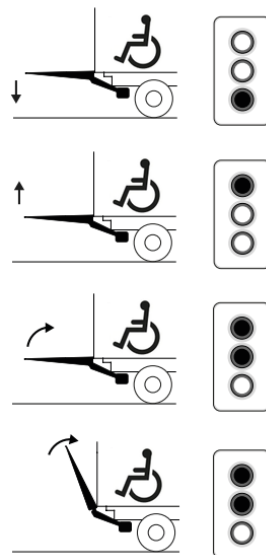


WARNING!

Do not use the VIP button as the tilt cylinder will be damaged and the warranty will be voided.

Tilting up from floor level to transport position:
Now, use the interior control panel or the remote control!

- Press and hold the DOWN button.
- ◇ The platform lowers itself.
- Release the DOWN button when the platform is clear of the doors.
- Close the doors at the lift.
- Press the OP button.
- ◇ Now, the platform becomes level (the platform raises to the level of the car's floor).
- Press and hold the VIP button and then press and hold the UP button.
- ◇ The platform tilts up vertically into transport position.



Emergency Operation and Lowering

In emergency situations where the lift blocks access to the lift doors, the emergency operation handles are used to move the lift away from the doors, allowing access to the vehicle's passengers.

The emergency control handles are labeled with:

In case of
EMERGENCY
Pull the handle

Interior emergency operation:

- Pull the handle located inside the vehicle at the rear right side.
- The lift tilts out and lowers towards the ground.
- The doors open.

Exterior emergency operation:

- Position yourself outside the lift's operating area to avoid being hit when the platform tilts down.
- Pull the handle located behind the car's right rear wheel.
- The lift tilts down and lowers towards the ground.
- The doors open.

Emergency elevation in case of power failure (Only on USL HEL RØR M2):

Dashboard indicator light warns if the lift is below floor level.

Grab the emergency operation handle located in the vehicle.

Insert the handle into the pump, and pump until the lift reaches floor level.

Maintenance

IMPORTANT! A major inspection **must** be carried out according to applicable national regulations. The lift must be maintained at least every 12 months to ensure the lift's safety and function. The major inspection must be carried out by DK Lifte APS or an approved workshop.

However, the following points must be checked/maintained:

All moving parts:

All moving parts must be lubricated once a month - in winter, once a week.

Grease fittings should be lubricated with grease, and moving parts should be lubricated with oil.

Retightening:

The lift must be retightened 2-3 months after it is installed.

Hydraulics:

Hydraulic hoses must be checked for leaks daily. If there are leaks, the lift must be serviced by DK Lifte ApS or an approved workshop.

Only original spare parts must be used.