

# Fold-away coach lift DH-RB.05

350 - 500 Kg



# DHOLLANDIA



## Powerful fold-away lift for the heaviest wheelchairs

The **DH-RB.05** is a **powerful fold-away lift**, designed to embark and disembark the heaviest wheelchairs on or from coaches in a safe manner.

In its travel position, this lift is neatly folded away in the area **below the dedicated door on the upper aisle** of the coach.

Upon deployment, the platform is first lowered to the ground, then unfolded manually into work position.



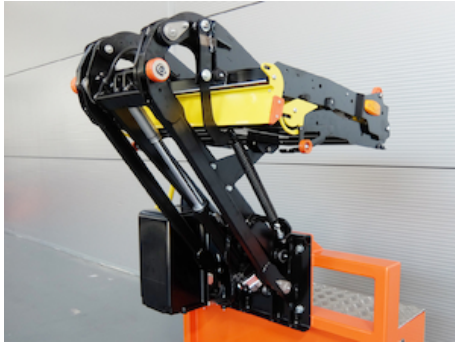
DH-RB folded away in its travel position



DH-RB unfolded in work position [+ option OWP011]

- + Robust fold-away lift with foldable platform. Solid arm construction provides maximum platform stability, and comfortable sense of safety for the wheel occupant on the platform
- + The intelligent simplicity of the design guarantees a high operational reliability
- + Electrical controls without sensitive electronic components
- + Excellent after-sales service. Professional network of regional DHOLLANDIA service branches and independent distributors in more than 60 countries worldwide.





Compact lift frame with foldable platform, folded-away under bus floor



DH-RB platform with automatic roll-stops, safety rails and option OWP011



Hydraulic pump unit 12V or 24V DC, including emergency functions

**PLATFORM**

- Foldable platform. 2 platform sections consisting of a steel frame and aluminium profiles
- Synthetic rollers for the contact between the platform and the ground
- Automatic roll-stop at the outboard platform edge
- 2 hinged safety rails L+R, operated manually and automatically locking in the raised position
- The folding and unfolding of the platform are assisted by powerful torsion springs

**FUNCTIONAL & MECHANICAL CHARACTERISTICS**

- Conical / wedge platform. Level ride with automatic tilt at ground level
- Fixed stabiliser rods, platform orientation is only adjustable during installation
- 2 reinforced lift arms for maximum platform stability

**HYDRAULICAL CHARACTERISTICS**

- 1 centrally mounted lift cylinder
- Electrical safety valves on all cylinders
- Manual emergency operation on all electrovalves
- Robust pump unit 12V or 24V DC, supplied loose for mounting on the vehicle chassis
- Hand pump fitted to power pack [OAH037]

**ELECTRICAL CHARACTERISTICS**

- 2-button wander lead with spiral cable [OAE001]
- Electrical controls without sensitive electronic components
- Electric motor with thermal cut-out fuse

**FITTING**

- Frame foreseen for bolt-on mounting to the vehicle chassis
- Reduced mounting space requirements. Suitable for most types of coaches, incl. types with rear engine, or deviating emergency door location

**FINISH & MAINTENANCE**

- Alu platform or platform sections in natural finish
- Low-maintenance bearings in all articulation points, plus grease nipples
- Lift frame in Protection PLUS finish (zinc phosphate + KTL epoxy primer + polyester powder top coat)

Disclaimer: data and images of lifts and options are indicative, and may vary in function of the lift execution and vehicle details. Ask confirmation from DHOLLANDIA.



### TECHNICAL CHARACTERISTICS

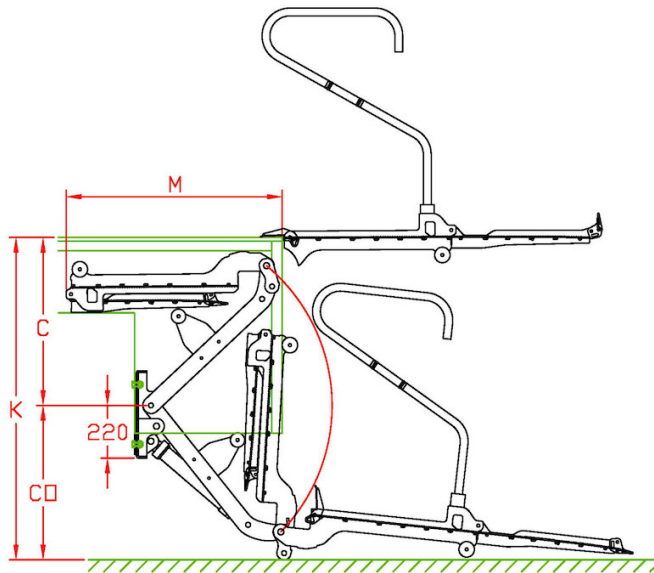
DH-RB.05

<b>Lift frame</b>	Base plate to be bolted to the vehicle chassis
<b>Cylinders</b>	- 1 central lift cylinder for max. platform stability - 2 fixed stabilisers for the platform orientation
<b>Type of ride</b>	Wedged platform. Level ride + automatic tilt at ground level
<b>Platform details</b>	- Aluminium platform with anti-slip surface - Manual unfolding of the platform and its point - Automatic roll-stop at the outboard platform edge - Automatic roll-stop at the inboard platform edge as an option [OWP011]
<b>Safety rails</b>	2, left & right, folding manually
<b>Standard platform dimensions</b>	- 1280 x 800 mm (LxW) - Other dimensions on request
<b>Lift arm lengths</b>	760 - 820 - 880 - 940 - 1000 mm
<b>Standard control unit</b>	OAE001
<b>Standard finish of the lift frame</b>	Protection PLUS [OAT102]

### MOUNTING DIMENSIONS

DH-RB.05

larm	760	820	880	940	1000
<b>K max.</b>	1410	1510	1610	1710	1810
<b>C max.</b>	on demand - ask study drawing				
<b>CO max.</b>	on demand - ask study drawing				
<b>M</b>	+ - 915	+ - 915	+ - 915	+ - 915	+ - 915





OAE001 - 2-button wander lead with spiral cable



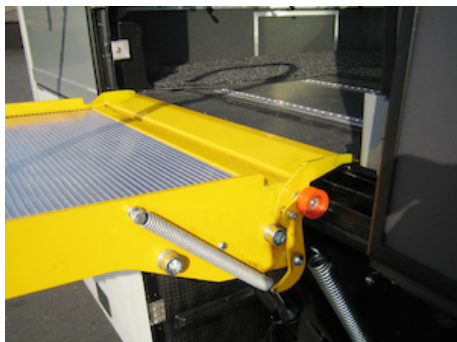
OWE005.01 - Emergency stop in separate box



OWE005.02 - Emergency stop integrated in wander lead



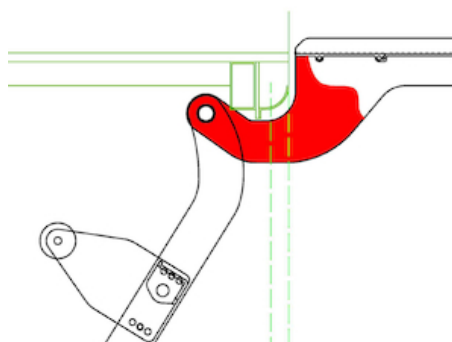
OAH006 - Hydraulic hoses + length



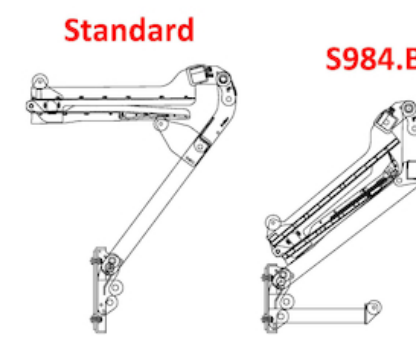
OWP011 - Roll-stop / bridge plate at inboard platform edge



OWP101 - Mechanical roll-stop at the outboard platform edge



OWP012 - Platform DH-RB with high heel



OWF013 - Adaption platform stored on lift arms

OWF016.H - HIGH frame for DH-RB

OWF016.L - LOW frame for DH-RB