

Passenger lift DH-CH103.05

350 - 500 Kg



DHOLLANDIA



Cassette lift mounted in luggage compartment or in stairs

The **DH-CH103** are **heavier-duty** cassette lifts up to max. 500 kg lift capacity, usually mounted in the **luggage compartment**, or **integrated in the stairs** at the middle or front door(s) of M3 buses and coaches.

This lift is equipped with a **single-piece platform** to eliminate as many moving parts as possible and reduce maintenance needs.

The DH-CH103 offers excellent platform stability and guarantees superior reliability in service.

- + Robust 1-piece platform, eliminating as many moving parts as possible. Reduced maintenance and maximum operational reliability
- + Solid lift arm construction with 2 lift cylinders providing maximum platform stability, and optimum sense of safety for the wheelchair occupant on the platform
- + Excellent after-sales service. Professional network of regional DHOLLANDIA service branches and independent distributors in more than 60 countries worldwide.
- + Excellent price-quality ratio.

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



PLATFORM

- Platform construction: steel platform frame with aluminium slip-resistant top plate
- Robust 1-piece platform, eliminating as many moving parts as possible. Reduced maintenance and maximum operational reliability
- Automatic roll-stop at the outboard platform edge
- Automatic bridge plate + toe-guard + load restraint at the inboard platform edge
- 2 hinged safety rails L+R, operated manually and automatically locking in the raised position
- Raised side profiles as roll-off protection on the L+R sides of the platform
- Automatic locking of the platform in its travel position. Mechanical unlocking possible in case of emergency
- Flashing lights integrated in the L+R platform sides

FUNCTIONAL & MECHANICAL CHARACTERISTICS

- Flat platform, level ride
- Fixed stabiliser rods, platform orientation is only adjustable during installation
- Lift frame and platform stowed in a sealed cassette. The roll-stop forms the outboard cover

HYDRAULICAL CHARACTERISTICS

- 2 lift cylinders for maximum platform stability
- External pump unit 12V or 24V DC, incl. hand pump and emergency functions, to be installed by the installer of the lift
- Multiple electric plug connections and hydraulic snap-couplings available to speed up installation. Consult DHOLLANDIA

ELECTRICAL CHARACTERISTICS

- Retraction by means of an electric motor + gearwheel system
- Easy-to-use 2-button wander lead for the 4 functions: slide out / lift / lower / slide in
- Emergency stop integrated in wander lead [OWE008.2 = standard], or in separate box [option]

FITTING

- Mounting brackets designed for easy positioning and adjustment in longitudinal and lateral direction
- Lift types adapted for various mounting positions: under chassis; on floor of luggage compartment; above wheel box; or integrated in stairs of bus. See technical data

FINISH & MAINTENANCE

- Low-maintenance bearings in all articulation points
- Treatment: KTL epoxy coating

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.



DH-CH103.04 350 kg / DH-CH103.05 500 kg: mounted on the floor in the luggage compartment, or integrated as stair lift in the lowest step of the stairs at the access door.



DH-CH103.04 350 kg / DH-CH103.05 500 kg: special FRONT-ENTRY execution for integration in the lowest step of the stairs at the front access door.



TECHNICAL CHARACTERISTICS**DH-CH103.05**

Lift frame	2 lift arms
Cylinders	2 lift cylinders
Retraction in/out	Electric motor + gear wheel system
Type of ride	Flat platform, level ride
Standard platform dimensions	1200 x 800 mm (LxW)
Platform details	<ul style="list-style-type: none">- Aluminium platform with anti-slip surface- Solid single-piece platform- Automatic roll-stop at the outboard platform edge- Automatic bridge plate to the vehicle floor
Safety rails	2, left & right, folding manually
Standard control unit	OWE008.2
Standard finish of the lift frame	KTL epoxy e-coating

MOUNTING DIMENSIONS**DH-CH103.05**

	CH103.03.02	CH103.04.02	CH103.05.02
ARM	1100	1300	1280
CAP	450	350	500
mug max.	535	640	620
lch	200	200	200
lcl	2000	2200	2000
mfu min.	485	590	610
mfu max.	940	1160	1150
vfh max.	1475	1800	1770





OWE005.01 - Emergency stop in separate box



OWE008.2 - 2 button wand lead + emergency stop



OWE008.4 - 4 button wand lead + emergency stop



OWE009.04 - 4m extension cable for wand lead



OWE009.06 - 6m extension cable for wand lead



OAE506 - CANNON plug for connection 25mm² cable



OAE463.25.10D - 2x10m battery cable 25mm² + Cannon plug

OA006 - Hydraulic hoses + length



OWH007.1 - Split power pack



OWP005 - Non-standard length of the bridge plate



OAA501.05 - Transport container DH-CH102/103

