

Cassette passenger lift DH-CH003.03

350 Kg



DHOLLANDIA



Compact and light cassette lifts with two-piece platform

The **DH-CH003.03** is a **short cassette lift**, designed for installation at the side or at the rear door of M2-M3 buses and school buses. The lift and its platform slide in and out of the cassette by means of an electric motor. The platform is **extended manually with minimal effort**.

This lift is available in various executions with different lift geometry, suitable for installation under the chassis, integrated in the vehicle floor, at the first step of the access stairs or in the luggage compartment. It offers maximum versatility up to a floor level of max. 1350 mm.

- + Robust, manually extensible 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.
- + New generation 2016:
 - aluminium tear plate platform surface (lighter & offering better slip resistance)
 - double, hydraulic + mechanical locking of the roll-stop at the outboard platform edge
 - automatic locking of the platform inside cassette, automatic release upon deployment
 - new hydraulic pump unit with quick-fit plug-and-play connections
 - electric control board with LED diagnosis, emergency control over dip-switches and better connectivity
 - full communication to the vehicle through the lift's PCB



DH-CH003 platform with safety rails, automatic roll-stop and bridge plate

PLATFORM

- Platform construction: steel platform frame with aluminium slip-resistant top plate
- Robust, manually extensible platform, eliminating as many moving parts as possible. Reduced maintenance and maximum operational reliability.
- Platform extension slides in/out manually without effort, and blocks in stowed position to avoid unintentional deployment
- 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
- 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

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

- 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 chassis, or integrated in step compartment of bus. See technical data.
- Roll-stop flap doesn't provide 100% sealing of the cassette. It is strongly recommended to mount cassette in a sealed compartment, protected against rain, snow and dirt

FINISH & MAINTENANCE

- Low-maintenance bearings in all articulation points, plus grease nipples
- Treatment: KTL epoxy coating

Emergency release handle for platform



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

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-CH003.03**

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 depths	1200 x 800 mm (LxW)
Platform details	<ul style="list-style-type: none"> - Aluminium platform with anti-slip surface - Platform is manually extensible to 1200 mm (or 1300 mm for CH003.03.05) - Automatic roll-stop at the point - 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-CH003.03**

larm	C max.	C min.	CAP	CO max.	K max.	M	TH	larm
CH003.03.01	350	190	350	730	1080	1500	130	950
CH003.03.02	480	190	350	730	1210	1800	130	950





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



OWH007.0 - Split power pack



OWP005 - Non-standard length of the bridge plate



OAA501.05 - Transport container DH-CH102/103

