



DH-VB, VO, VX 1000-2500 kg



Model DH-VB3



DH-VB, VO, VX 1000-2500 kg

Application

The column lifts **DH-VB, -VO** and **-VX** are specially designed to load and unload vehicles with **multiple or moving loading floors**. The lifting height depends strongly on the dimensions of the vehicle and the type of lift, but varies between 2500 and 3200 mm above ground level for the majority of applications.

The DH-VB, -VO, -VX are universal and multifunctional executions, suitable for a wide range of applications. By adding specific options, they can be adapted to suit specific operations, such as the **intensive distribution transport**, the **transport of (race) cars**, the collection of **hospital waste containers**, the transport of **live stock**, **furniture removal**, etc...

Capacity chart	
□ 500 kg	■ 2000 kg
□ 750 kg	■ 2500 kg
■ 1000 kg	□ 3000 kg
■ 1500 kg	

Main characteristics

- Operated by a single lift cylinder and a set of steel cables and pulleys
 - **Flat platform**, 70 mm thick, consisting of a steel frame and alu infill profiles
 - Fixed leading edge made of steel
 - Platform depth is determined freely upon ordering, see option S714
 - **Double steel cable system** : 2 lifting cables and 2 safety cables
 - Hydraulic closure with 2 tilt cylinders without **direct hose connection** (patent). The platform orientation is adjustable at any position
 - Electric cable rupture detection with emergency operation
- | Types & positions of lift cylinder | |
|------------------------------------|--------------------------------|
| DH-VB... | - Cylinder beam at roof level |
| DH-VO... | - Cylinder beam at floor level |
| DH-VX... | - Lift cylinder in side column |
- Platform equipped with a **toe-guard flap** and **emergency-stop function**
 - **Hinged side safety gates**, with integrated lift / lower controls
 - **Electric safety valves on all cylinders**
 - Manual emergency operation on all electrovalves
 - **Controlled without electronic components**
 - 3000 W fan-cooled electric motor with thermal cut-out fuse
 - Treatment of the steel components : shotblasting, 2K epoxy primer, followed by polyester powder coating

Product range DH-VB

- Cylinder beam with 1 single lift cylinder **mounted at roof level** of the vehicle body
- Standard model (DH-VB3) perfectly suited for a very wide range of 'multi-deck' applications
- The cylinder beam at roof level reduces the passage height, but **lends itself for vehicles with a very low vehicle floor**
- Max lifting height DH-VB3 : up to 1450 mm under the vehicle roof level (depending on vehicle dimensions - ask for confirmation)



Other examples



DH-VBA 750-1000 kg - Full alu lift with a **reduced proper weight**



DH-VBV 1000-2500 kg - For the transport of **live stock**



DH-VBC2 1000-2500 kg - Developed for **containers & demount bodies**



Product range DH-VO

- Cylinder beam with 1 single lift cylinder **mounted at the lower floor level** of the vehicle body
- 2 universal models (DH-VO4 and DH-VO3) perfectly suited for a very wide range of 'multi-deck' applications
- The cylinder beam at floor level keeps the passage height intact, but is **not suitable for very low vehicle floor levels**
- Max. lifting height DH-VO4 : up to 2970 mm above ground level
- Max. lifting height DH-VO3 : up to 3130 mm above ground level (depending on vehicle dimensions - ask for confirmation)



DH-VO4

Other examples



DH-VOS 1000 kg - Lightweight execution



Option S880 'Race' For the transport of (race) cars



DH-VO5 1000-2000 kg - Lifting height up to 6 m above the ground

Product range DH-VX

- Lift cylinder **mounted vertically** in the right side column of the lift
- Thin (35 mm high) connection between the 2 columns just under the vehicle roof, for the passage of the steel cables
- Particularly suitable for all applications where the free **passage height under the vehicle roof is critical**
- Max. lifting height DH-VX : up to 1400 mm under the vehicle roof level (depending on vehicle dimensions - ask for confirmation)
- Often, the DH-VX is equipped with a fixed platform without tilt cylinders and serves as **interior lift or moving deck**. DH-VX is available as a stand-alone application, or in combination with an exterior multi-deck lift, a hydraulic ramp, a slider lift, etc...



DH-VX

Other examples



Exterior **DH-VX** lift



Interior **DH-VX** lift



Combined **DH-VX** exterior + interior lifts



Interior **DH-VX** lift + exterior hydraulic ramp

● Main options (other options on request)



S701.S Set of 2 articulated steel ramps



S704 Lateral shrouds and side sealing kit



S708 Flashing lights mounted onto the platform point



S709 Inclination of platform to the ground (max. 45°)



S714 Extension of the platform depth per 10 cm
1 x 10 cm
2 x 10 cm
3 x 10 cm
...



S726 Tilt cylinders mounted vertically



S730 Free passage of closed platform between different floor levels



S732 Safety gates on 3 sides for roll containers



S751 Safety gates mounted to the lift runners instead of to the platform



S728 Fixed platform without tilt cylinders (interior lift)



S740 Preparation for middle door with aluminium on the sides



S058 Application 220-380V for buildings



S764 / S765 Hydraulic roll stops with / without support legs



S880 RACE execution