

Multi-deck column lift DH-VB...D3

750 - 2000 Kg



Multi-deck column lift with upper beam

The DH-VB... are specially designed to load and unload vehicles with multiple or moving loading floors. All DH-VB... are equipped with a flat platform, offering a smooth and level ride between the various loading floors and the ground.

The DH-VB... have a cylinder beam at vehicle roof level. These **heavy duty lifts** are suitable for vehicles with **insufficient ground clearance to mount a DH-VO lower beam lift** (too low vehicle floor level); and for applications with a considerable **risk that harmful products could penetrate in the cylinder beam** (e.g. animal transport).

Upper beam lifts are available in various models and for different capacity classes. All exterior lifts are equipped with 2 tilt cylinders, hence the platform orientation is adjustable from the exterior controls.



PLATFORM

- Platform construction: full aluminium platform (up to 1000 kg), or steel frame with aluminium infill profiles (>1500 kg)
- Fixed leading edge at outboard platform edge [hinged ramps available as an option]
- Inboard platform edge is equipped with toe-guard profile and safety switch

FUNCTIONAL & MECHANICAL CHARACTERISTICS

- Overhead beam: operated by a single lift cylinder mounted in a beam at vehicle roof level, and a set of steel cables and pulleys
- Double steel cable system: 2 main lift cables + 2 safety cables
- Electrical steel cable rupture detection plus emergency operation
- Lifting height in function of the vehicle width
- Flat platform, level ride
- Platform tilt adjustable at any position from the exterior controls

HYDRAULICAL CHARACTERISTICS

- Single acting lift cylinder in the overhead beam at roof level, plus safety valve
- Hydraulic closure. 2 single acting tilt cylinders, positioned horizontally [OVH001.0]
- Robust pump unit with air cooled 24V DC motor, or standard 12V motor, supplied loose for mounting on the vehicle chassis. (12V operation is strongly advised against)
- Electrical safety valves on all cylinders
- Manual emergency operation on all electrovalves

ELECTRICAL CHARACTERISTICS

- Exterior control box with main battery disconnect switch and removable key [OAE030.BT.0]
- Electrical controls without sensitive electronic components
- Safe exterior controls with compulsory 2-hand operation

FITTING

- Robust steel columns and steel cylinder beam, for welded mounting to the vehicle chassis and the rear frame of the body
- CE-conforming toe-guard to be built by the body builder at the outboard edge of the loading floor(s). Advice available at DHOLLANDIA

FINISH & MAINTENANCE

- Low-maintenance bearings in all articulation points
- Treatment: high-quality zinc primer + polyester powder coating
- Not included in basic configuration: loading floor extension; toe-guard protection at the rear end of the loading floor; and guard rails
- Guard rails are mandatory above 2000 mm lifting height (CE), and strongly recommended for lower lifting heights. See electrical options for platform controls integrated in one of the guard rails.

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.





OAE030.BT.0 - Exterior joystick control box + main battery isolator switch (+ turn switch)



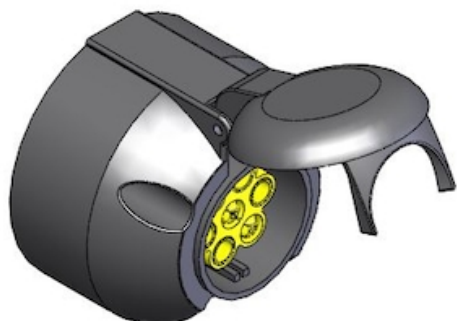
OAE001 - 2-button wander lead with spiral cable



OVE001 - 2-button wander lead + long spiral cable



OVE003.L - Female plug mounted on platform LEFT side



OVE003.R - Female plug mounted on platform RIGHT side



OVE006.L - 4-button foot controls mounted LEFT side



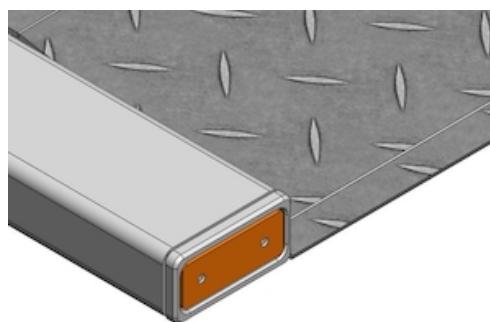
OVE006.R - 4-button foot controls mounted RIGHT side



OAE031.Z.0 - 3+1 button exterior control box without main battery isolator switch



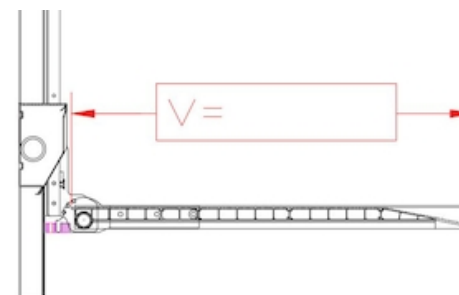
OAE038.A - Main battery isolator switch with demountable key



OVE201.A - Platform lights IN the platform tubes

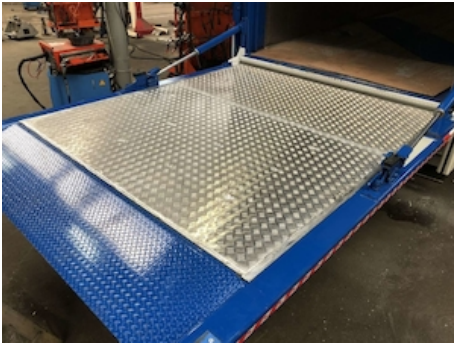


OVP002.0 - Aluminium platform on DH-V* lift

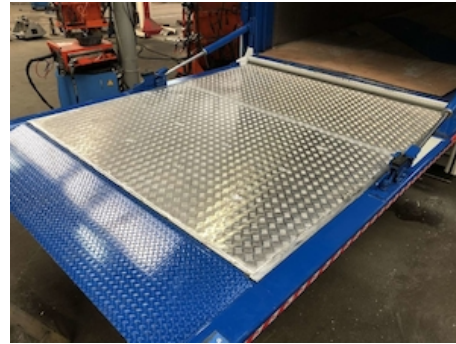


OVP012.A - Extension of aluminium platform per 100 mm

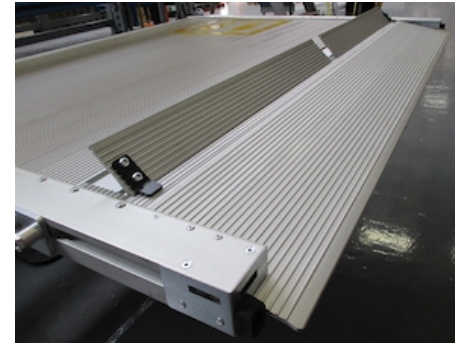




OVP020.2000 - 5/7 mm alu tear plate for point load <2m

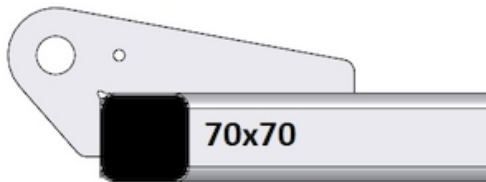


OVP020.3000 - 5/7 mm alu tear plate for point load <3m

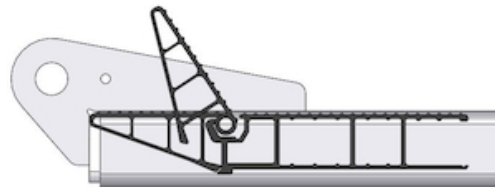


OVP100.M - 2 manual rollstops in profile before point

OVP100.A - 2 automatic rollstops in profile before point



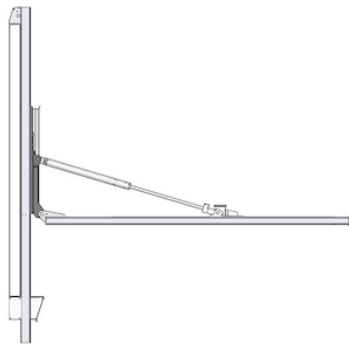
OVP400 - Platform without toe-guard flap



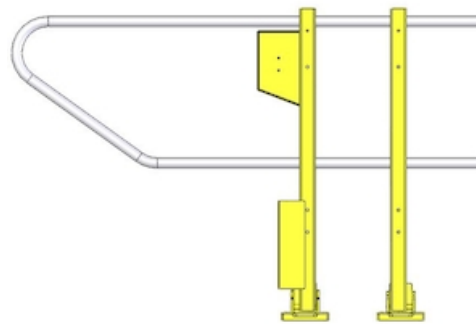
OVP401 - Alu toe-guard flap + safety switch (DD)

OVP504 - Aluminium platform profiles welded on the outside

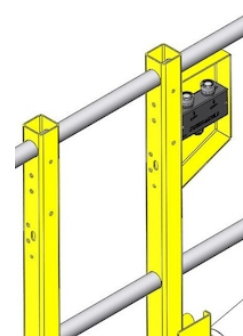
OVP505 - Aluminium platform profiles welded on both sides



OVP300 - Platform supplied without safety rails



OVP301 - 2 hinged side safety rails L+R - STD

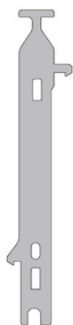


OVE150.L - Toggle-switch up / down control on LEFT-side guard rail

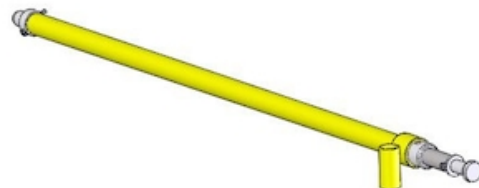


OVE150.R - Toggle-switch up / down control on RIGHT-side guard rail

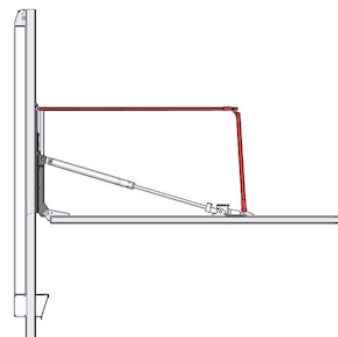




OVP309 - Lock for safety rail on platform surface



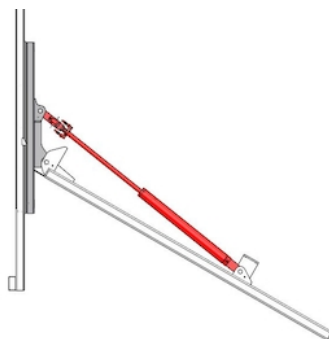
OVP307 - Telescopic fall protection between 2 side rails



OVP330 - Automatically folding safety rails VB-VO-VX



OVH001.0 - Tilt cylinders mounted horizontally (std.)

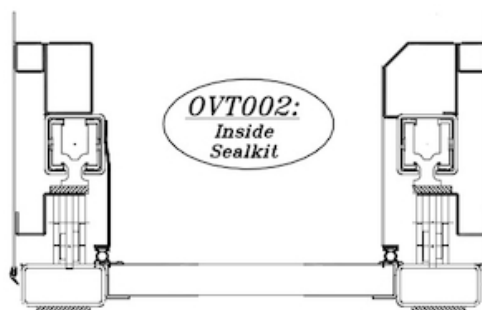


OVH006.10 - Downward platform inclination to -10°

OVH006 - Inclination of platform to the ground (-45°)

OVH110 - Double acting flow valve V189 open/close

OVH112 - 2 closing speeds (+ extra push button)



OVT100 - Standard paint finish on DH-V* (2K epoxy + powder coating)

OVT002 - Shrouds + platform seals mounted at the inside of the lift columns



OVT110 - Aluminium profiles of the DH-V* platform in anodised finish



OAT020 - Reflecting platform flags type TÜV





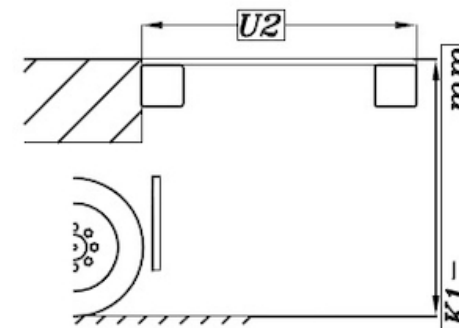
OAT023 - Reflecting platform flags type Export Red



OVF001 - Platform mounted at ...mm above ground level



OVF002 - Travel lock pins under the lift runners



OVF055.B - Extension vehicle floor between columns (level 0)

OVU051.G08 - Execution G08 on VB...D3