

Column lift DH-VB.15.E1

1000 - 1500 Kg



DHOLLANDIA



Single deck column lift with upper beam

The single-deck lift DH-VB.15.E1 is a robust lift designed to work in “**hostile environment**” conditions (e.g. with regular dock loading), and to suit the most demanding applications in the transport business, such as **supermarket & food distribution** .

Many options are available to adapt the lift to meet specific customer requirements and applications, for instance:

- Hinged ramps at the side & rear edges of the platform
- Manual or hydraulic closure (hydraulic closure recommended for longer aluminium platforms above 1250 mm, and for all steel platforms)
- Various types of safety rails
- Special adaptations for the locking gear of barn doors
- Shunt stops to vertically descend the platform in a suitable position, that allows to reverse the vehicle into the loading dock without damaging the lift runners and platform.



PLATFORM

- Weight-saving aluminium platform, or robust heavy-duty steel platform
- Alu platform [OVP002.0]: manual open / close (assisted by torsion bars); hydraulic closure as option [OVH004]
- Steel platform: hydraulic closure [OVP001.1 + OVH004] highly recommended; manual open / close [OVP001.B.1] advised against

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
- Overhead beam avoids damage suffered at loading docks, caused by driving over forklifts or heavy electrical pallet jacks. Therefore extremely well suited for use in "hostile environment"
- Overhead beam column lift is suitable for mounting on closed bodies with barn doors
- Reinforced heavy-duty steel columns and cylinder beam, standard in hot-dip zinc plated finish
- Lifting height to the (1st) loading floor of the vehicle
- Flat platform, level ride
- Lift system equipped with mechanical Load Safety Device (steel cable rupture device)

HYDRAULICAL CHARACTERISTICS

- Single acting lift cylinder in the overhead beam at roof level, plus safety valve
- Robust pump unit 12V or 24V DC, supplied loose for mounting on the vehicle chassis
- 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
- Electric motor with thermal cut-out fuse

FITTING

- Welded fitting (standard) or bolt-on fitting [option OVF003] to the vehicle body
- 1-piece bumper bar with reinforcement plates on the vehicle chassis, available as an option [OVF200...]

FINISH & MAINTENANCE

- Low-maintenance bearings in all articulation points
- Alu platform or platform sections in natural finish
- Steel platform in hot-dip zinc plated finish. Best possible protection against corrosion [OVT121.P]

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-VB.15.E1**

Lift system	<ul style="list-style-type: none">- Overhead beam: operated by a single lift cylinder mounted in a beam at the vehicle roof level and a set of steel ropes & pulleys- Reinforced lift columns 100 x 100 mm
Open / close	<ul style="list-style-type: none">- Manual closure supported by torsion bars- Hydraulic closure as an option [OVH004]
Type of ride	Flat platform, level ride
Standard lift system	<ul style="list-style-type: none">- Flat platform with fixed leading edge- Roll-stops & hinged ramps available as an option
Material	<ul style="list-style-type: none">- Reinforced steel platform, or- Weight-saving aluminium platform
Standard platform depths	<ul style="list-style-type: none">- 1200 mm- Other platform sizes on request
Standard control unit	OAE030.BT
Standard finish of the lift frame	Galvanised steel columns + bolted-on cylinder beam

MOUNTING DIMENSIONS**DH-VB.15.E1**



OAE001 - 2-button wander lead with spiral cable



OAE010.O - 3-button control incl. emergency stop (option)



OAE010.PR - 3-button control incl. emergency stop (principal control)



OAE011.O - Fixed interior 3-button control incl. change-over switch (option)



OAE011.PR - Fixed interior 3-button control incl. change-over switch (principal control)



OAE013 - Mounting bracket for exterior control box OAE010



OAE014 - Mounting bracket for interior control box OAE011



OAE015.O - 2 function toggle switch control (option)



OAE015.PR - 2 function toggle switch control (principal control)



OAE016.O - 2 function toggle switch control + change-over switch (option)



OAE016.PR - 2 function toggle switch control + change-over switch (principal control)



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





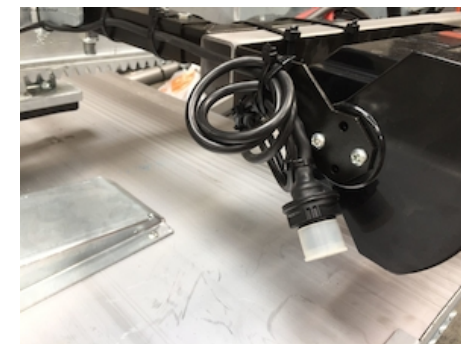
OAM026 - Mounting support type B for OAE031.Z



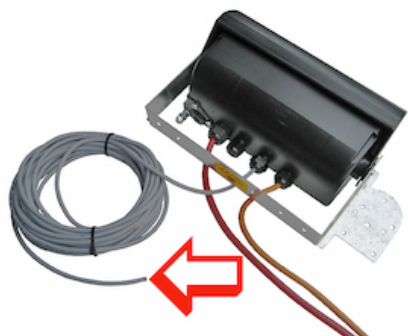
OAE038.A - Main battery isolator switch with demountable key



OAE041.BP.0 - Arctic push-button control box + main battery isolator switch (+ push button)



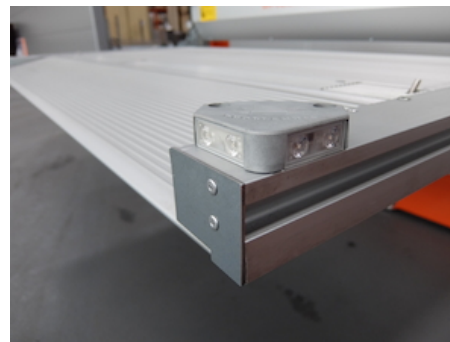
OAE500 - VEHH plug connection for dashboard switch



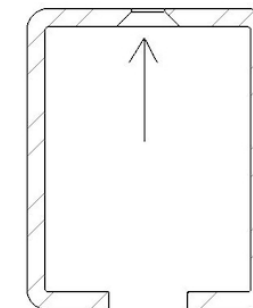
OAE501.12 - VEHH wire connection for dashboard switch 12 m



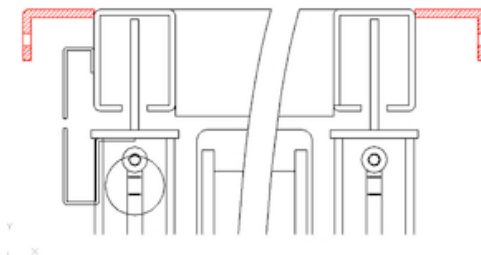
OAE503.1 - Cabin switch (single use)



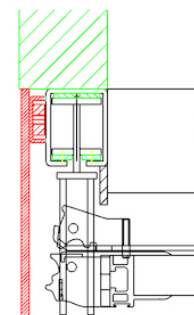
OVE201.C - Flashing platform lights, battery powered



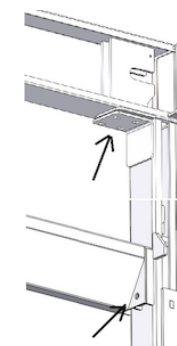
OVF003.1 - Bolt-on fitting through column VB15-VO.K1



OVF014 - Mounting angles for impact protection plates



OVF016 - Impact protection plates at sides of columns



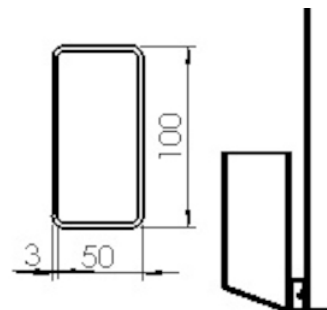
OVF040 - Demounted execution DH-VB.15 (SKD)

OVF004 - Bolt-on fitting VO...K1 with side angle

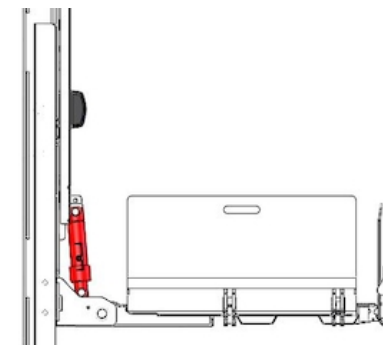


OVF103 - Flexible pipes lift cylinder
VB15 on inside

OVF104 - Flexible pipes lift cylinder
VB15 on outside



OVF200.ST - Steel bumper with tube 50 x 100mm for DH-V*

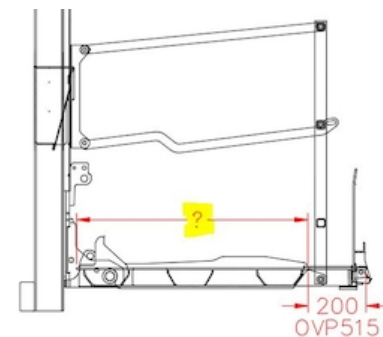


OVH004 - 1 tilt cylinder, no adjustable tilt VOC-VB4

OVH004.2 - 2 tilt cylinders, no adjustable tilt

OVP001.1 - Steel platform on DH-V* lift

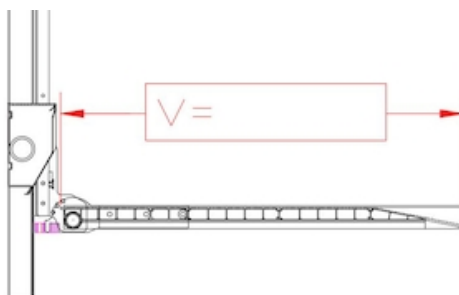
OVP001.B.1 - Steel platform on DH-V* (manual closure)



OVH004.2 - 2 tilt cylinders, no adjustable tilt



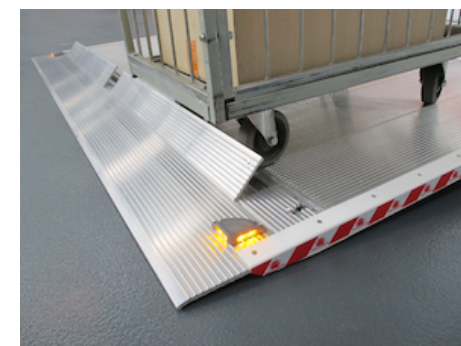
OVP002.0 - Aluminium platform on DH-V* lift



OVP012.A - Extension of aluminium platform per 100 mm



OAP100.M - 2-piece symm. roll-stops in the platform point - MANUAL



OAP100.A - 2-piece symm. roll-stops in the platform point - AUTOMATIC





OVP107.M - Manual rollstops in platform point



OVP107.A - Automatic rollstops in platform point



OVP120.A.R - 2 hinged ramps in aluminium at rear edge of platform



OVP120.A.S - 2 hinged ramps in aluminium at L+R side edges of platform



OVP120.S.R - 2 hinged ramps in steel at rear edge of platform



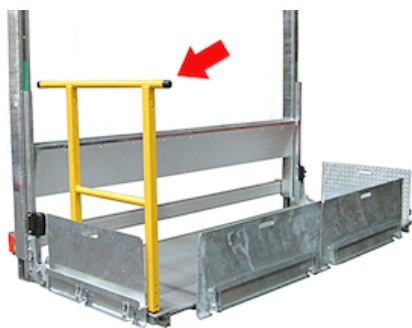
OVP120.S.S - 2 hinged ramps in steel at L+R side edges of platform



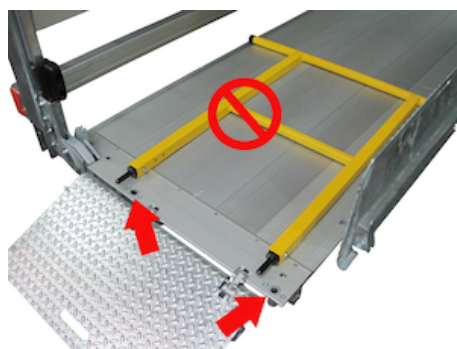
OVP120.Y - OVP120 in powder coat yellow



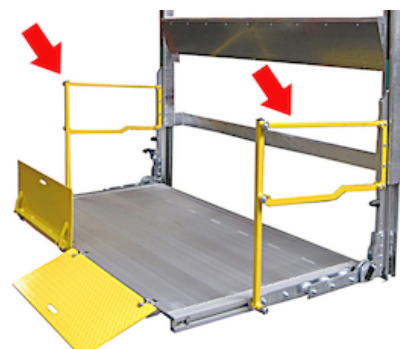
OVP206 - Horizontally foldable platform



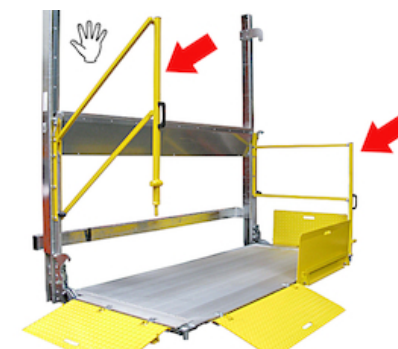
OVP302 - Set of 2 drop-in safety rails L+R



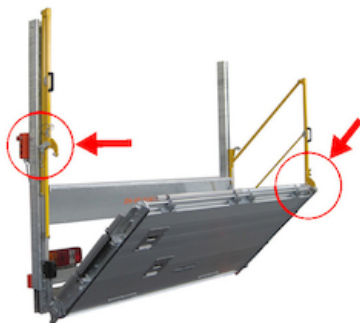
OVP303 - 4 holes in the platform for drop-in safety rails OVP302



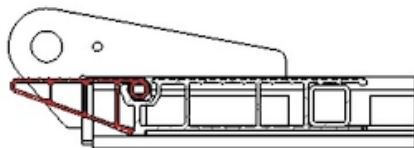
OVP332 - Automatically folding safety rails L+R for DHVO...K1 / VB...E1



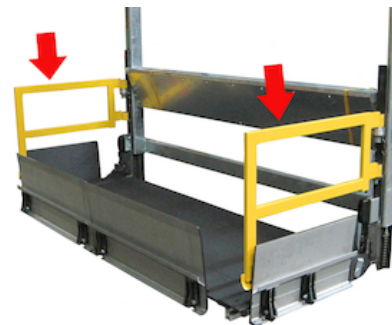
OVP334 - Plug-in foldable safety rails L+R for DH-VO...K1 / VB...E1



OVP336 - Dual Mode foldable safety rails L+R for DH-VO& K1 / VB& E1



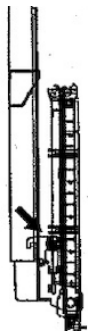
OVP407.X - Front edge of the platform advanced by & mm



OVP350 - Pivotal safety rails on lift runners L+R for DHVO...K1 / VB...E1



OVP510.A - Shunt stops for vertical descent mounted at the rear edge of the platf



OVP510.B - Shunt stops for vertical descent mounted at below the floor level of t



OAT020 - Reflecting platform flags type TÜV



OAT023 - Reflecting platform flags type Export Red



OVT110.1 - Aluminium platform of the DH-VO& K1 / VB& E1 in anodised finish



OVT121.P - Galvanised platform VO (on demand)

OVT122.F - Galvanised lift frame VB.15.E1

