

Column lift DH-VO.15.K1

1000 - 1500 Kg



DHOLLANDIA





Weight-saving aluminium platform with anti-slip surface



Robust, reinforced steel platform for use in hostile-environment conditions

Heavy-duty column lift with manual or hydraulic closure

The DH-VO.15.K1 serves the **heavy end of the distribution market**. It is available with a **weight-saving aluminium platform**, or a **robust steel platform** in hot-dip zinc plated finish. In standard configuration, the platform is opened and closed manually. For steel platforms, DHOLLANDIA recommends **hydraulic closure to optimize the user comfort** [option OVH004]. The basic lift offers maximum all-round efficiency and can be further equipped with numerous value-adding options to adapt the lift to particular applications, such as:

- Roll-stops, hinged ramps on 2 or 3 sides
- Various types of **safety rails**, incl. rails offering side access
- K9 execution with lifting height above the vehicle floor level
- Gas-bottle lifts
- Adaption for barn doors

+ Very versatile lift available with a large choice of value-adding options and extra equipment.

+ Lift combines maximum operational reliability with a great ease of use.

+ Reinforced heavy-duty steel columns and cylinder beam, standard in hot-dip zinc plated finish

+ Weight-saving aluminium platform, or robust heavy-duty steel platform. The steel platform is available in hot-dip zinc plated finish.

+ Easy to install to the vehicle body. No chassis constraints.



PLATFORM

- Weight-saving aluminium platform, or robust heavy-duty steel platform
- Fixed leading edge at outboard platform edge [hinged ramps available as an option]
- Hydraulic closure available as an option [OVH004], improving the user's comfort and safety for the operator
- 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

- Lower beam: operated by 1 single lift cylinder, mounted in a beam at the vehicle floor level, and a set of chains and pulleys
- 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
- Lifting above (1st) vehicle floor level available as an option K9 / E9 [OVU013]
- Flat platform, level ride
- Lift system equipped with mechanical Load Safety Device (chain rupture device)

HYDRAULICAL CHARACTERISTICS

- Single acting lift cylinder in the lower beam
- 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

- Columns standard prepared for bolt-on fitting to the rear frame of the body [OVF003.1]
- Suitable for bodies with shutter doors, for dropside and flat bed bodies. With option OVF062 also suitable for closed bodies with barn doors.

FINISH & MAINTENANCE

- Low-maintenance bearings in all articulation points
- Alu platform or platform sections in natural finish
- Lift frame in hot-dip zinc plated or "galvanised" finish. Best possible protection against corrosion [OVT121.F]

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-VO.15.K1**

Lift system	Lower beam: operated by a single lift cylinder mounted in a steel beam at the vehicle floor level and a set of chains & pulleys
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, or- Air-permeable aluminium platform with steel mesh [OVP509.A]- Air-permeable steel platform with steel grids [OVP509.G]
Standard platform depths	<ul style="list-style-type: none">- 1000 - 1250 - 1500 mm- Other platform sizes on request- Max. depth = 2000 mm (condition = OVH004 + OVU019 platform support by means of side chains) or 2300 mm (condition = OVH004.2 + OVU019)
Standard control unit	OAE030.BT
Standard finish of the lift frame	Galvanised steel columns with bolted-on cylinder beam

MOUNTING DIMENSIONS**DH-VO.15.K1**



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



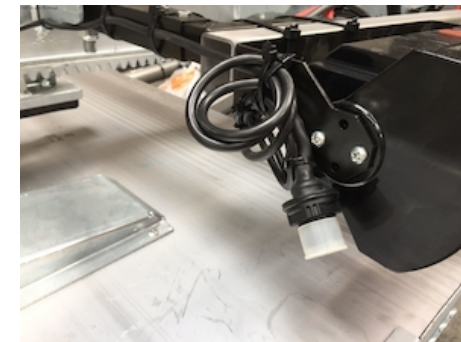
OAM026 - Mounting support type B for OAE031.Z



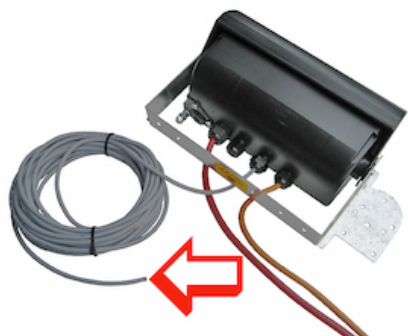
OAE038.A - Main battery isolator switch with demountable key



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



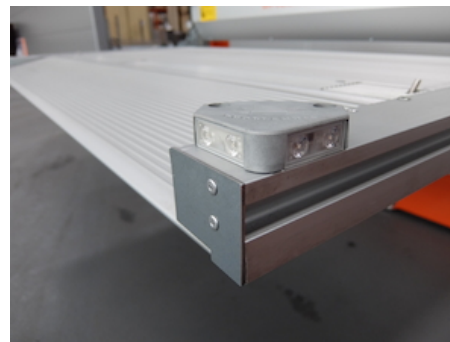
OAE500 - VEHH plug connection for dashboard switch



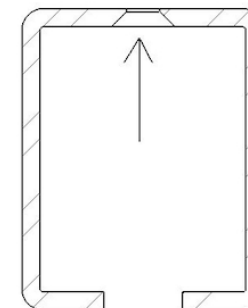
OAE501.12 - VEHH wire connection for dashboard switch 12 m



OAE503.1 - Cabin switch (single use)



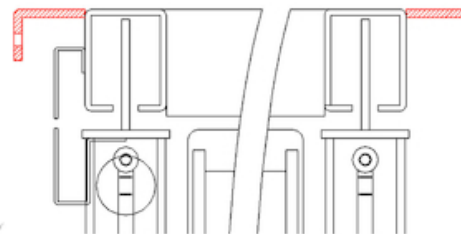
OVE201.C - Flashing platform lights, battery powered



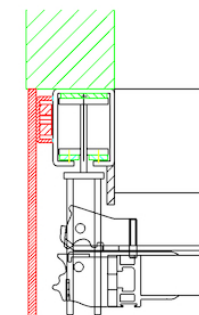
OVF003.1 - Bolt-on fitting through column VB15-VO.K1



OVF010 - Short columns / long lift runners



OVF014 - Mounting angles for impact protection plates



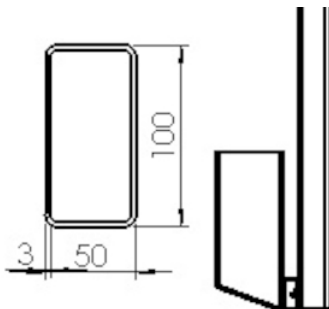
OVF016 - Impact protection plates at sides of columns

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





OVF062 - VO.K1 cylinder beam adapted for rear doors



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



OVF202.01 - Diagonal bumper support for DH-VOxxK1



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



OVH011.V - 2 vertical tilt cylinders VO.15/20

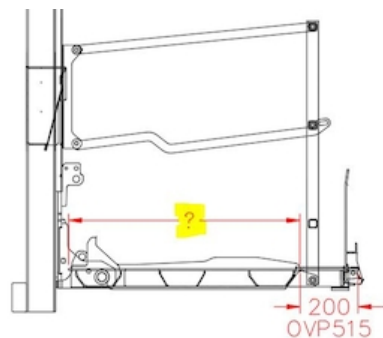
OVH004.2 - 2 tilt cylinders, no adjustable tilt

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

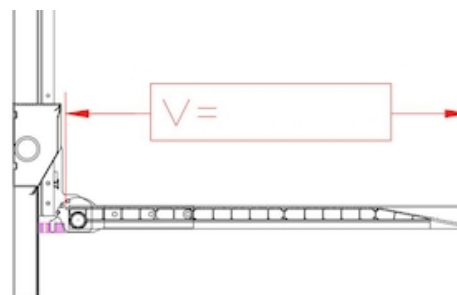
OVP001.B.1 - Steel platform on DH-V* (manual closure)



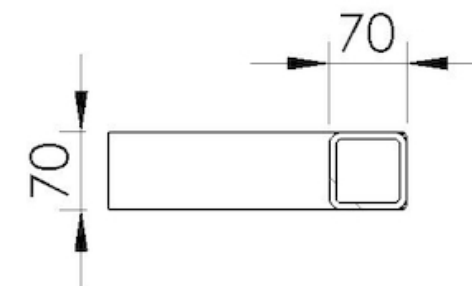
OVP002.0 - Aluminium platform on DH-V* lift



OVP012.S - Extension of the steel platform per 100 mm



OVP012.A - Extension of aluminium platform per 100 mm

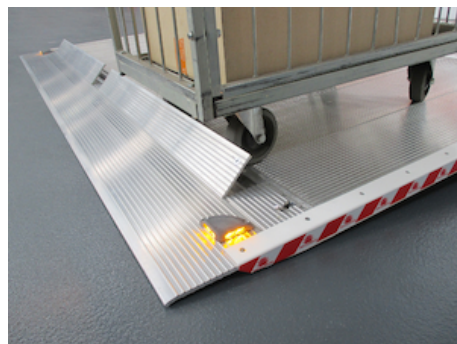


OVP013 - Platform with rectang. tube instead of fixed point





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



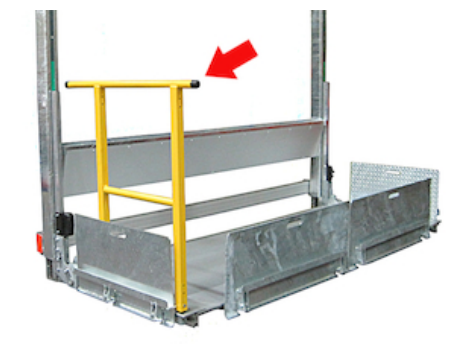
OVP120.S.S - 2 hinged ramps in steel at L+R side edges of platform



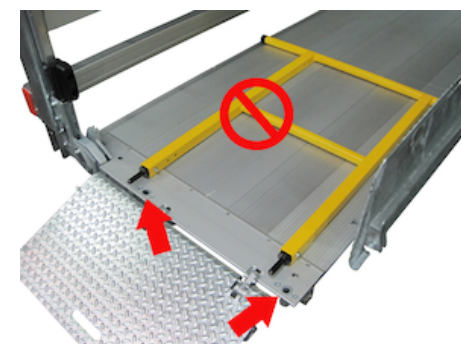
OVP120.Y - OVP120 in powder coat yellow



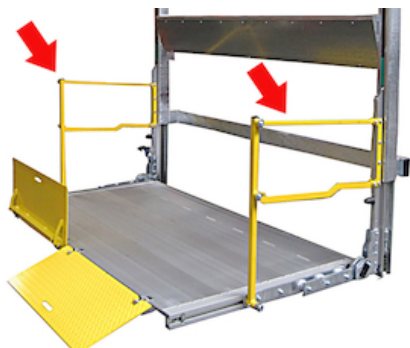
OVP206 - Horizontally foldable platform



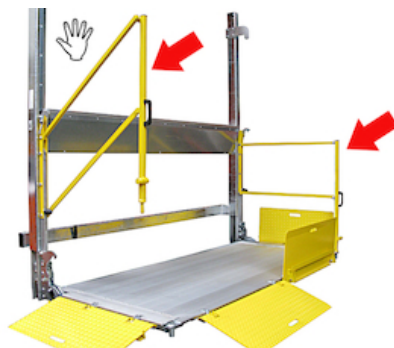
OVP302 - Set of 2 drop-in safety rails L+R



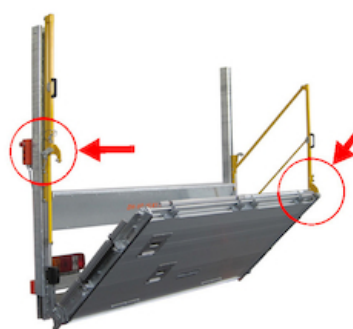
OVP303 - 4 holes in the platform for drop-in safety rails OVP302



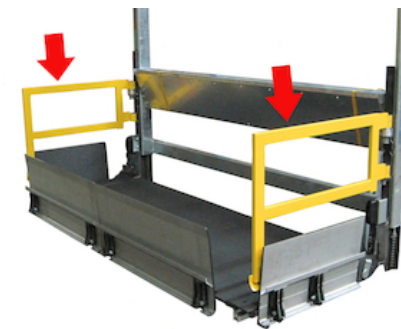
OVP332 - Automatically folding safety rails L+R for DHVO...K1 / VB...E1



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



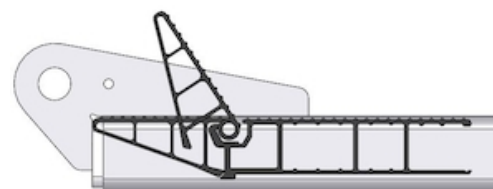
OVP350 - Pivotable safety rails on lift runners L+R for DHVO...K1 / VB...E1



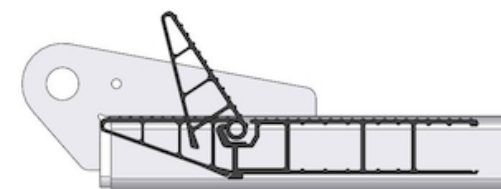
OVP351.01 - Safety rails on lift runners T1 - 3 sides



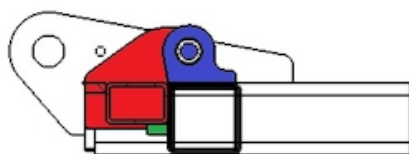
OVP351.03 - Safety rails on lift runners T3 - 3 sides



OVP401.1 - Alu toe-guard flap + safety switch (K1-K9)



OVP402.1 - Alu toe-guard flap without switch (K1-K9)



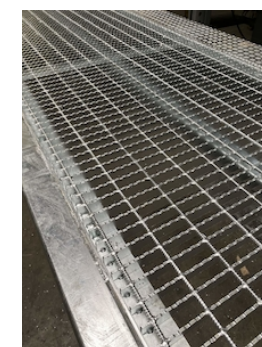
OVP403.1 - Steel toe-guard without switch (K1-K9)



OVP509.A - Permeable platform : alu frame + steel mesh grids



OVP509.G - Open mesh platform + steel grids



OVP509.G2 - Air permeable platform + steel grids T2





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)



OVT121.F - Lift frame of the DH-VO& K1 / VB& E1 in galvanised finish



OVU011.A - Dump-over lift T1 for tipper vehicles - alu



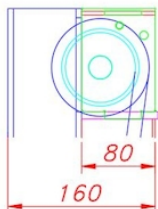
OVU012.S - GAS lift execution of DH-VO& K1 with steel platform

OVU012.A - GAS lift execution of DH-VO& K1 with aluminium platform



OVU013.1 - Execution VO...K9 (T1) above floor level

*OVU013.D.1
K9 type2*



OVU013.D.1 - Execution VO...K9 (T2) above floor level



OVU014.A - Dump-over execution type 2 for tipper vehicles



OVU015.A - K2 execution on DH-VO.xx.K1 (narrow lift)





OVU015.B - K2 execution on DH-VO.xx.K1 (extra lifting height)



OVU019 - Platform supported by chains

OVU021 - Power-open DA foldable platform + chain support

OVP003.1 - Steel platform frame + alu profiles [VO15K1]

