

Column lift DH-VOCS

500 - 1000 Kg



DHOLLANDIA





Ultra light-weight aluminium constructions with superior finish



Light-weight aluminium platform with fixed leading edge

Integrated rear frame lift offering maximum pay-load

The **DH-VOCS** integrates a lift and the rear frame of the vehicle body into one single structure, and **saves up to 100 kg pay-load on light-duty commercial vehicles!** It is the **lightest tail lift in the 3.5 - 7.5T GVW truck range.**

The product consists of:

- a light weight full aluminium column lift
- an aluminium platform of 1200-1600 mm deep
- a top-hatch operated by gas cylinders
- all these incorporated in an aluminium rear frame that replaces the original rear frame of the vehicle body.

This solution is independent of any chassis constraints (overhang, spring hangar,...). The DH-VOCS is extremely reliable and easy to use without specialised driver training. It is available with numerous value-adding options, such as:

- Automatically folding side **safety rails**
- **Floating point** for better alignment of the platform with the ground
- Roll-stops or hinged ramps at the outboard platform edge
- K9 execution to **lift above the vehicle floor**

+ Minimum weight, maximum pay-load. Absolute weight champion for light-duty commercial vehicles.

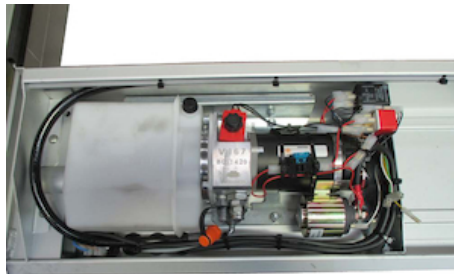
+ Easy to install to the vehicle body. No chassis constraints.

+ Very easy to use. Superior finish.





Manual opening and closing of the platform, (where needed) supported by powerful torsion bars



12V or 24V DC compact pump unit, premounted in the lower beam if technically possible



Electrical controls without sensitive electronic components

PLATFORM

- Light-weight aluminium platform with fixed leading edge
- Manual opening and closing of the platform, (where needed) supported by powerful torsion bars

FUNCTIONAL & MECHANICAL CHARACTERISTICS

- Lift, flip-up door and rear body frame integrated in 1 system
- VOCS.07 type 1: ultra light-weight execution, 100% focused on weight saving
- VOCS.07 & .10 type 2: slightly heavier execution with open columns, focused on extra value-adding options
- Lower beam: operated by 1 single lift cylinder, mounted in a beam at the vehicle floor level, and a set of chains and pulleys
- Full aluminium construction to save weight and increase pay-load
- Lifting height to the (1st) loading floor of the vehicle
- Flat platform, level ride

HYDRAULICAL CHARACTERISTICS

- Single acting lift cylinder in the lower beam, equipped with a safety valve
- Manual emergency operation on all electrovalves
- 12V or 24V DC compact pump unit, premounted in the lower beam if technically possible

ELECTRICAL CHARACTERISTICS

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

FITTING

- DH-VOCS replaces the original rear frame of the body. It includes the floor and roof extension

FINISH & MAINTENANCE

- Low-maintenance bearings in all articulation points
- Aluminium profiles in anodised finish

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.



Standard light-weight **DH-VOCS.07.K1** with 500-750 kg lift capacity, and lifting height up to the (1st) loading floor of the vehicle (K1 execution).

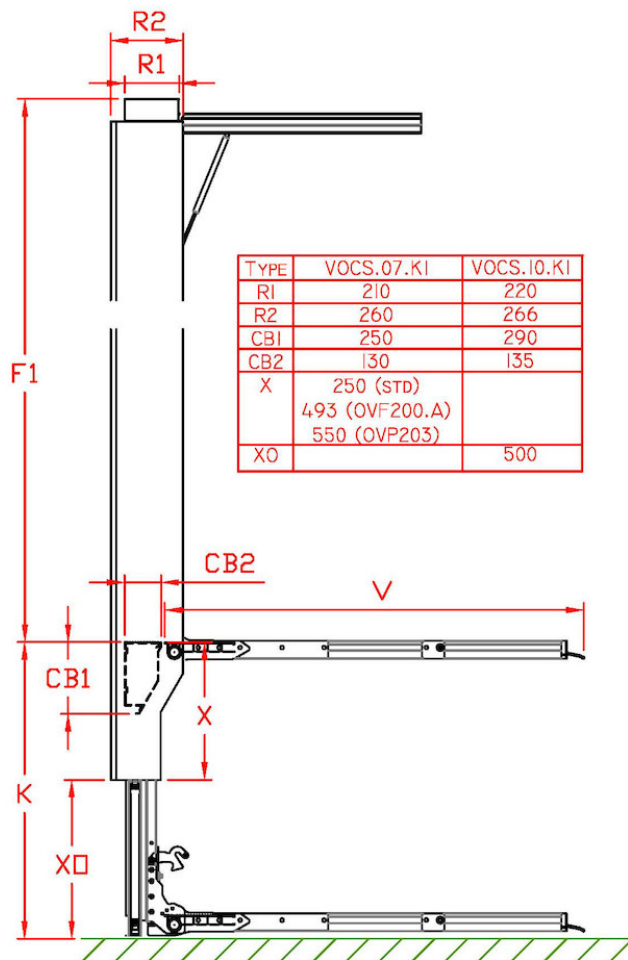
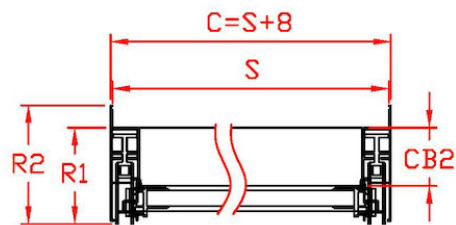


Reinforced execution **DH-VOCS.10.K1** up to 1000 kg lift capacity.



2-piece hinged ramps at the outboard platform edge [option OVP120.A.R], serving as rollstops in the raised vertical position, or as access ramp in the fully open position.





TYPE	VOCS.07.KI	VOCS.10.KI
R1	210	220
R2	260	266
CB1	250	290
CB2	130	135
X	250 (STD) 493 (OVF200.A) 550 (OVP203)	
X0		500

TECHNICAL CHARACTERISTICS

DH-VOCS.K1

Lift system	Lower beam: operated by a single lift cylinder mounted in an aluminium beam at the vehicle floor level, and a set of chains and pulleys
Open / close	Manual closure supported by torsion bars
Type of ride	Flat platform, level ride
Platform details	<ul style="list-style-type: none"> - Flat platform with fixed leading edge - Floating platform point [OVP214] - Roll-stops just before the leading edge [option OAP100.M or .A] - Roll-stops in the leading edge [option OVP107.M or .A] - Articulated rear ramps [OVP120.A.R]
Platform material	Light-weight aluminium platform, anodised finish
Standard platform depths	1100 - 1300 - 1450 - 1600 mm (max.)
Dimensions of the lift	<ul style="list-style-type: none"> - Height and width of rear frame is adapted to vehicle body - Height of top hatch is adapted to platform height
Standard control unit	OAE030.BT
Standard finish of the lift frame	Anodised aluminium profiles

MOUNTING DIMENSIONS

DH-VOCS.K1

Lifting height in function of the vehicle width





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



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)



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

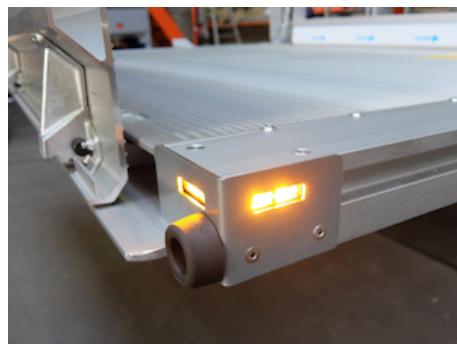


OAM026 - Mounting support type B for OAE031.Z

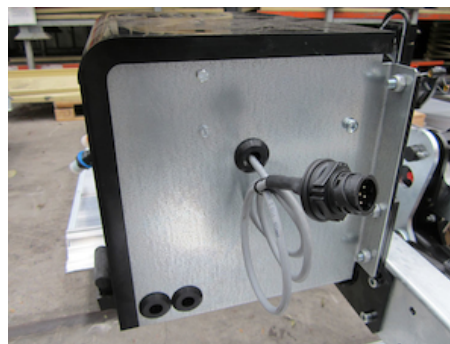




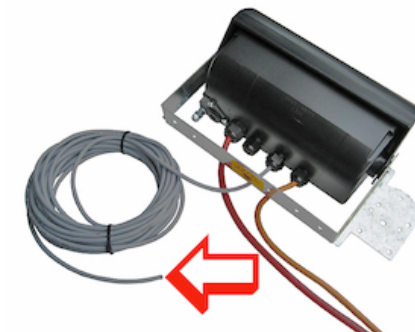
OAE041.BP.0 - Arctic push-button control box + main battery isolator switch (+ push button)



OVE201.A - Platform lights IN the platform tubes



OAE500 - VEHH plug connection for dashboard switch



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



OAE503.1 - Cabin switch (single use)



OVF058 - Cylinder beam VO adapted for rear vehicle lights



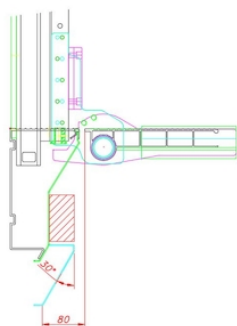
OVF064 - Top hatch DH-VOCS 135°



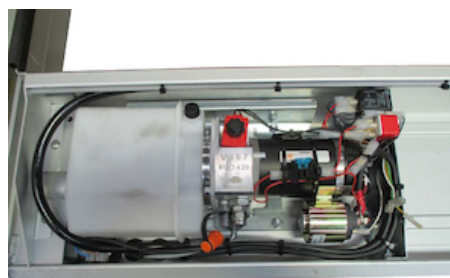
OVF200.A - Aluminium bumper 50 x 100 mm for DH-V*



OVF203 - Plate between cylinder beam & bumper of VOCS



OVF204 - Toe-guard profile VOCS



OVH113 - Power pack in cylinder beam VO.07.K1



OVP002 - Platform DH-V* manufactured from aluminium





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



OVP123 - Preparation for demountable side ramp



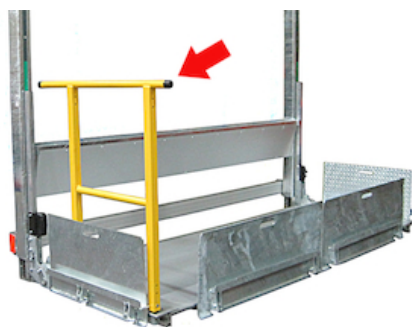
OVP124 - 1 demountable side ramp



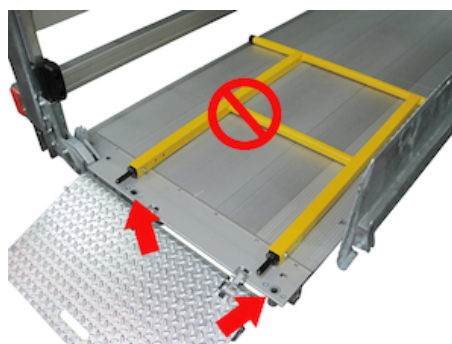
OVP214 - Floating platform point DH-VOCS



OAA501.02 - Transport carrier DH-VOCS



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





OVU013.C - Execution VOCS.07.K9
above floor level

