

City slider lift DH-SV.20

1500 - 2000 Kg



DHOLLANDIA



Slider lift for truck-trailer combinations with draw bar trailer

The **DH-SV** is designed for **trucks with a central-axle draw bar trailer** . In order to optimize the mounting situation, the DH-SV is **custom made** in function of the specific dimensions of the chassis, the trailer coupling and the draw bar.

Depending on the vehicle dimensions, the DH-SV can be deployed and used without uncoupling the trailer (when type A lift frame can be used, which is in most cases).

The DH-SV is available with a central retraction cylinder, or with a dual hydromotor system [option OAH022.2].



PLATFORM

- Steel base section with aluminium point, or full aluminium platform [option OAP601]
- Synthetic rollers for the contact between the platform and the ground

FUNCTIONAL & MECHANICAL CHARACTERISTICS

- Custom made lift frame, suitable for mounting around the draw bar coupling on the truck chassis. 2 executions:
- Type A: frame mounted between the coupling and the chassis. It is possible to load & unload the truck without uncoupling the trailer
- Type B: the clearance between the coupling and chassis is insufficient. The lift frame is built around and under the coupling. The trailer must be uncoupled to use the tail lift
- Conical / wedge platform. Level ride with automatic tilt at ground level
- Platform tilt adjustable at any position from the exterior controls

HYDRAULICAL CHARACTERISTICS

- 2 lift and 2 tilt cylinders for maximum platform stability
- Electrical safety valves on all cylinders
- Manual emergency operation on all electrovalves
- Cylinder piston rods in hard-chromed stainless steel
- Robust pump unit 12V or 24V DC, supplied loose for mounting on the vehicle chassis
- Hydraulic retraction by means of centrally mounted double acting retraction cylinder [OAH023]

ELECTRICAL CHARACTERISTICS

- Exterior control box with main battery isolator switch and removable key [OAE030.BT.0]
- Electrical controls without sensitive electronic components
- Safe exterior controls with compulsory 2-hand operation
- Electric motor with thermal cut-out fuse

FITTING

- Steel sliding tubes with weld-on mounting brackets, keeping the mounting system extremely compact

FINISH & MAINTENANCE

- Low-maintenance bearings in all articulation points, plus grease nipples
- Lift frame in Protection PLUS finish (zinc phosphate + KTL epoxy primer + polyester powder top coat)
- Steel base section standard in hot-dip zinc plated finish [OAT127]
- Alu platform or platform sections in natural 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.



TECHNICAL CHARACTERISTICS

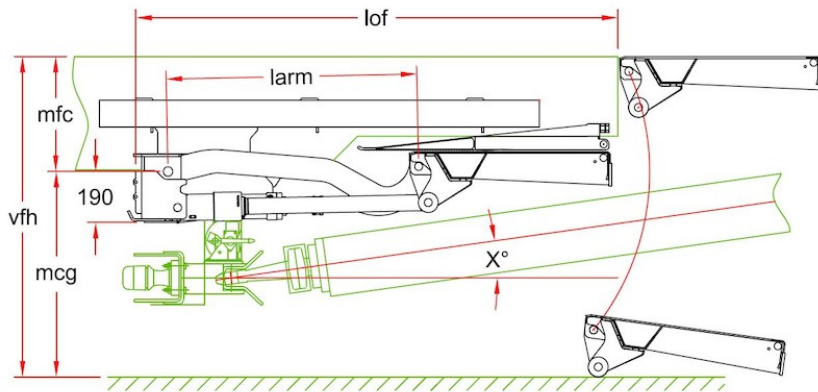
DH-SV.20

Lift frame	Custom made around the coupling
Cylinders	2 lift cylinders + 2 tilt cylinders
Retraction in/out	Centrally mounted retraction cylinder [OAH023] or dual hydromotor [OAH022.2]
Type of ride	Wedged platform. Level ride + automatic tilt at ground level
Platform material	Steel / Alu or Alu / Alu
Standard platform depths	1500 - 1700 - 1800 mm Longer platforms on request [OAP602]
Standard platform widths	2300 - 2400 mm Other widths on request [OAP603]
Lift arm lengths	820 - 880 - 940 - 1000 mm
Lift arm widths	1300 - 1450 - 1550 mm
Standard control unit	OAE030.BT
Standard finish of the lift frame	Protection PLUS [OAT102]. Hot-dip zinc plated finish available as option [OAT105]

MOUNTING DIMENSIONS

DH-SV.20

	820	880	940	1000
larm	820	880	940	1000
vfh max.	1360	1460	1560	1660
mfc max.	650	700	750	800
mcg	710	760	810	860
lof 1500 mm platform	1600	1660	1720	1780
lof platform 1600 mm	1700	1760	1820	1880
lof + optie OAP610	-100	-100	-100	-100

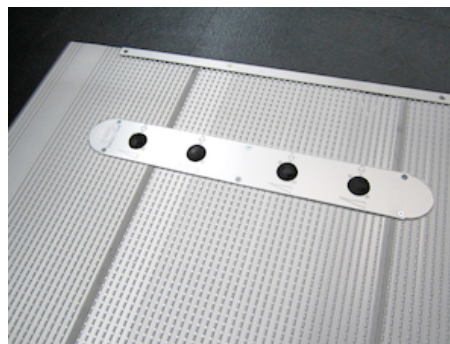




OAE001 - 2-button wander lead with spiral cable



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



OAE060 - 4-button foot controls in the platform



OAE200.B - Flashing platform lights + protection 12/24V



OAE503.1 - Cabin switch (single use)



OAE503.2 - Cabin / dashboard switch

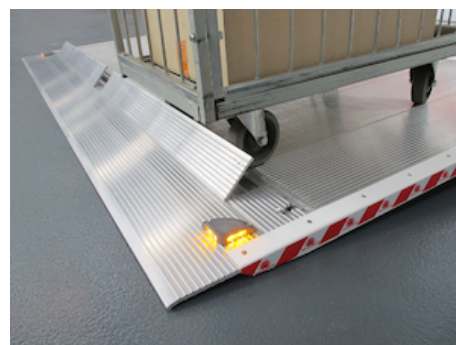
OAH022.2 - Retraction by means of 2 hydromotors L+R



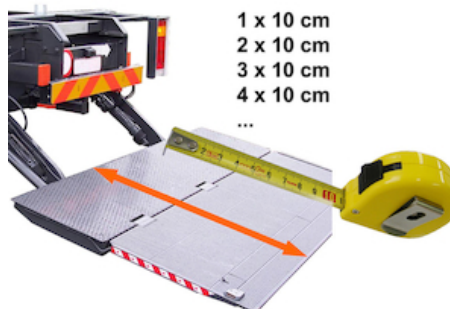
OAP601 - Fixed part of folding platform in ALU instead of steel



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



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

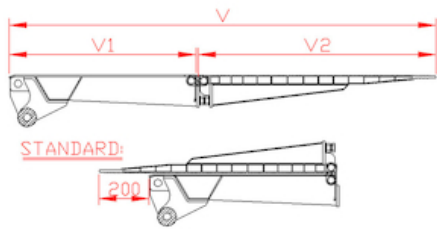


OAP602 - Extension of the slider lift platform per 10 cm

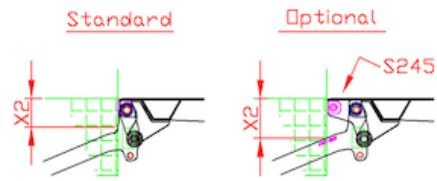


OAP603 - Non-standard width for foldable platform





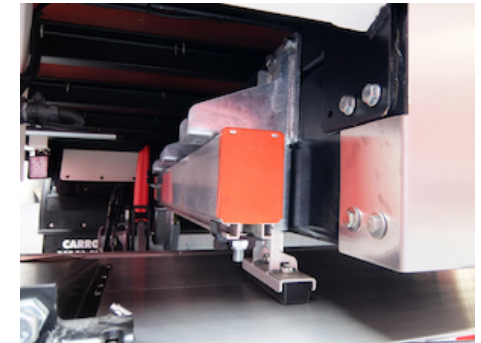
OAP604 - Non-standard split between platform base section and point



OAP610 - Platformhands 100 mm under the platform on DH-S* platform



OAP620 - Platform lock DH-S... with steel rope



OAM033.A - Low platform stop for side mounting



OAM034.LE - Adjustable platform stop for under mounting

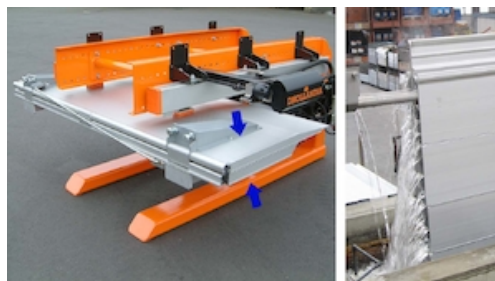
OAM038 - Set articulated platform buffers SV

OAM038.B - Articulated platform buffers SV - type B

OAT020 - Reflecting platform flags type TÜV



OAT023 - Reflecting platform flags type Export Red



OAT136 - Anodisation alu base section + point DH-S and DH-R



OAT137 - Anodisation of foldable alu point



OAU100 - Control box on L side (R steering wheel for UK)