

## Slider lift DH-SMP.20

1500 - 2000 Kg



**DHOLLANDIA**



## Slider lift with single fold platform with shorter overhang

The new DH-SMP (launched 2018) can replace the standard DH-SM.20 to solve a number of mounting issues:

- It is equipped with a compact lift frame, that requires **130 mm less overhang** than a DH-SM.20 with equivalent platform.
- The new execution is equipped with a hydromotor + gearwheel system instead of a centrally mounted retraction cylinder, but its position is more favourable for a short-overhang situation than on the DH-SM.20. Hence the DH-SMP can be mounted around and **alongside the spring hangars** of vehicles with mechanical suspension, and **use the full overhang to the mudguard** .



**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**

- Compact lift frame, requires approx. 130 mm less overhang than a DH-SM.20 with equivalent platform depth
- 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
- Cylinders equipped with rubber gaitors and lubrication
- 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**

- Truck: aluminium sliding tubes with bolt-on mounting brackets for quick fitting to truck chassis
- Lift frame can be mounted besides and around the spring hangars of chassis with leaf springs, hence the full overhang to the mud guard can be used

**FINISH & MAINTENANCE**

- Alu platform or platform sections in natural finish
- 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]

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-SMP.20**

<b>Lift frame</b>	Compact lift frame for short overhang
<b>Cylinders</b>	2 lift cylinders + 2 tilt cylinders
<b>Retraction in/out</b>	Hydromotor + gear wheel system
<b>Type of ride</b>	Wedged platform. Level ride + automatic tilt at ground level
<b>Platform material</b>	Steel / Alu or Alu / Alu
<b>Standard platform depths</b>	- 1500 - 1700 - 1800 mm - Longer platforms on request [OAP602]
<b>Standard platform widths</b>	- 2100 - 2300 - 2400 mm - Other widths on request [OAP603]
<b>Lift arm lengths</b>	760 - 820 - 880 - 940 - 1000 - 1100 mm
<b>Lift arm widths</b>	1300 - 1550 mm
<b>Standard control unit</b>	OAE030.BT
<b>Standard finish of the lift frame</b>	Protection PLUS [OAT102]

**MOUNTING DIMENSIONS****DH-SMP.20**

<b>larm</b>	<b>760</b>	<b>820</b>	<b>880</b>	<b>940</b>	<b>1000</b>	<b>1100</b>
<b>K max.</b>	1215	1330	1410	1500	1585	1725
<b>C max.</b>	625	680	715	770	815	895
<b>CO max.</b>	590	650	695	730	770	830
<b>M</b> 1500 mm platform	1510	1570	1630	1690	1750	1850
<b>M</b> 1700 mm platform	1610	1670	1730	1790	1850	1950
<b>M</b> + option OAP610	-100	-100	-100	-100	-100	-100



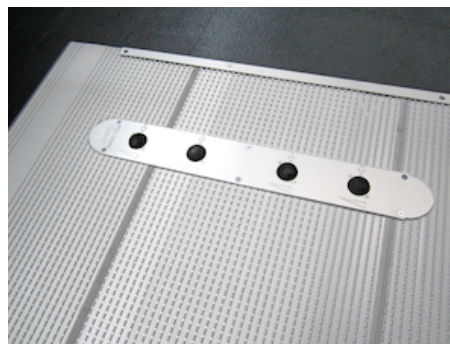




OAE001 - 2-button wander lead with spiral cable



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



OAE060 - 4-button foot controls in the platform



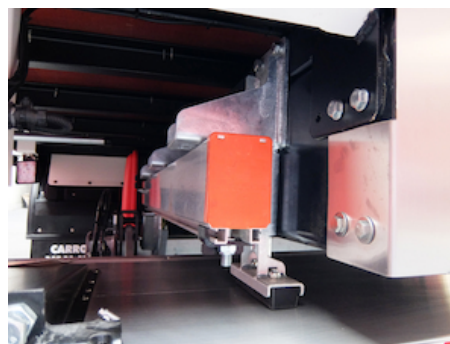
OAE200.B - Flashing platform lights + protection 12/24V



OAE503.1 - Cabin switch (single use)



OAM027 - Bracket for mounting of control box on slide tube



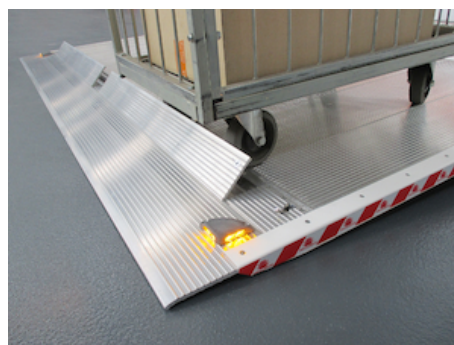
OAM033.A - Low platform stop for side mounting



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

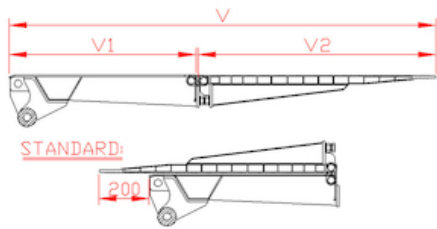


OAP602 - Extension of the slider lift platform per 10 cm

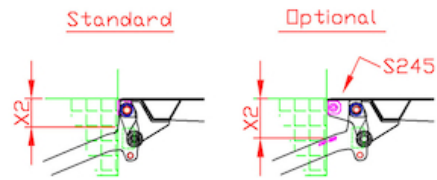


OAP603 - Non-standard width for foldable platform





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



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



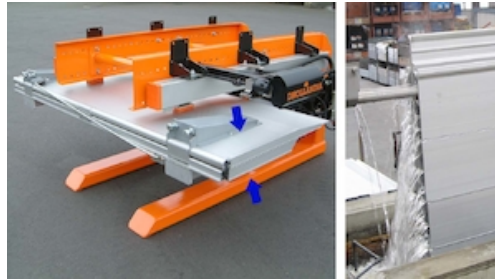
OAP620.B - Platformlock DH-S\* with steel cable



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)

