

Slider lift DH-SM.20

1500 - 2000 Kg



DHOLLANDIA





Mounting on truck chassis



Mounting on trailer and semi-trailer chassis



Mounting on chassisless North-American semi-trailer or trailer

Medium-duty 4-cylinder slider lift with single fold platform

The DH-SM(R).20 is the **top seller slider lift in the medium capacity range**. This versatile lift is able to handle various types of cargo, including pallets, up to max. 2000 kg.

In its travel position, the DH-SM.20 is **safely stored underneath the chassis of the vehicle**. It is ideal for operations needing frequent fork lift loading or access to loading docks, and all applications requiring quick and free access to the cargo space.

There are 2 executions: the DH-SM.20 designed for **truck chassis** and the DH-SMR.20 designed for **quick-fitting on trailer and semitrailer chassis**.

- + Top seller in the medium lift capacity range
- + Powerful, stable 4-cylinder tail lift for 1500-2000 kg lift capacity. Maximum platform depth 2250 mm
- + Safely stored under the vehicle chassis. No damage when reversing into loading docks, or when loading or unloading with a fork lift. Free access to the cargo space.
- + Electrical controls without sensitive electronic components
- + Hot-dip zinc plated or "galvanised" finish. Best possible protection against corrosion [OAT104].





Pump unit 12V or 24V DC, accessible on 5 sides for easy maintenance



Hydraulic retraction by means of a hydromotor + gearwheel system [OAH022]



Electrical controls without sensitive electronic components

PLATFORM

- Steel platform heel with aluminium point, or full aluminium platform [option OAP601]
- Steel base section standard in hot-dip zinc plated finish [OAT127.S]
- Alu platform or platform sections in natural finish
- Synthetic rollers for the contact between the platform and the ground
- (Un)folding of the platform point reinforced by torsion springs [OAP613]

FUNCTIONAL & MECHANICAL CHARACTERISTICS

- Conical platform. Level ride with automatic tilt at ground level
- Platform tilt adjustable at any position from the exterior controls

HYDRAULIC 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 gaiters and lubrication
- Pump unit 12V or 24V DC, accessible on 5 sides for easy maintenance
- Hydraulic retraction by means of a hydromotor + gearwheel system [OAH022]

ELECTRICAL CHARACTERISTICS

- Exterior control box with main battery isolator switch and removable key [OAE030.BT]
- 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
- (Semi) Trailer: aluminium sliding tubes with adjustable mounting clamps for quick fitting on (semi-) trailer chassis

FINISH & MAINTENANCE

- Low-maintenance bearings in all articulation points, plus grease nipples
- Hot-dip zinc plated or "galvanised" finish. Best possible protection against corrosion [OAT104].

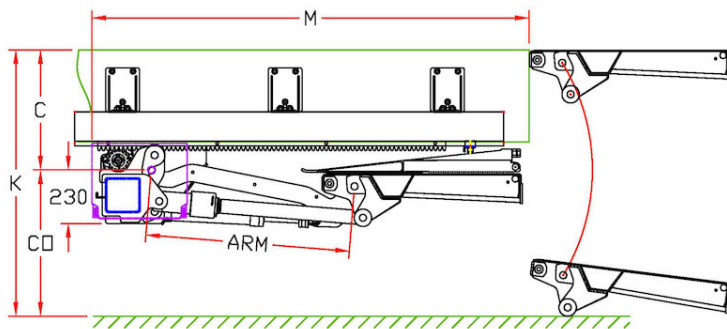
Disclaimer: data and images of lifts and options are indicative, and may vary in function of the lift execution and vehicle details. Ask confirmation from Dhollandia.



TECHNICAL CHARACTERISTICS

DH-SM.20

Lift frame	150 x 150 mm
Cylinders	2 lift cylinders + 2 tilt cylinders
Retraction in/out	Hydromotor + gear wheel system
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	2100 - 2300 - 2400 mm Other widths on request [OAP603]
Lift arm lengths	760 - 820 - 880 - 940 - 1000 - 1100 mm
Lift arm widths	800 (SMR only) - 1300 - 1550 mm
Standard control unit	OAE030.BT
Standard finish of the lift frame	Hot-dip zinc plated finish [OAT104]

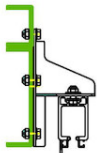


MOUNTING DIMENSIONS

DH-SM.20

ARM		760	820	880	940	1000	1100
K max.		1215	1330	1410	1500	1585	1725
C max.		625	680	715	770	815	895
CO max.		590	650	695	730	770	830
M	1500 mm platform	1640	1700	1760	1820	1880	1980
M	1700 mm platform	1740	1800	1860	1920	1980	2080
M	+ option OAP610	-100	-100	-100	-100	-100	-100

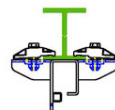
TRUCK
□AM030



TRAILER / SEMI-TRAILER

□AM032.A
STANDARD

□AM032.S
OPTION

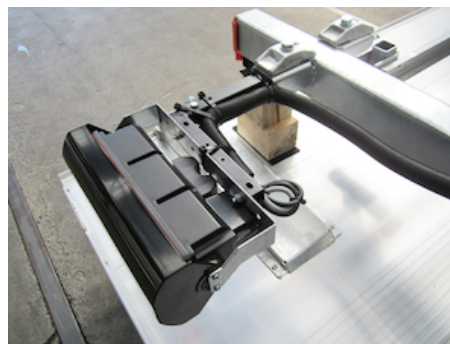




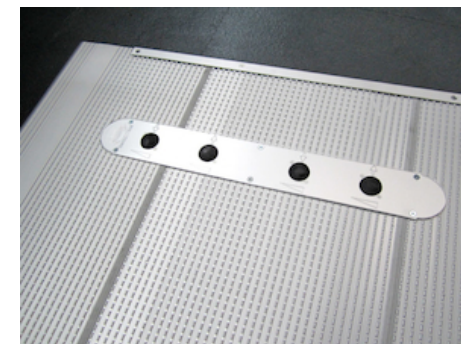
OAE001 - Kit 2-button wander lead + spiral cable



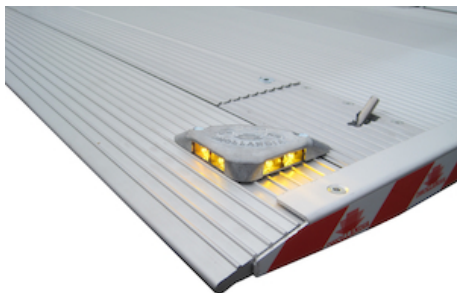
OAE041.BP - Arctic control box + E2007 + push button



OAM027 - Mounting bracket for the control box



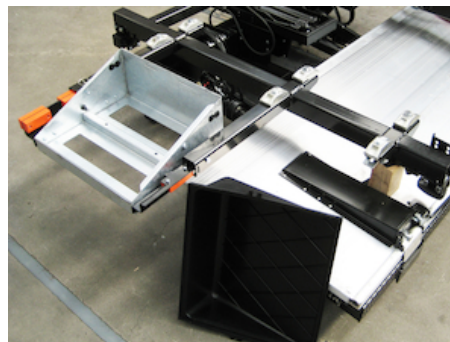
OAE060 - 4-button foot controls on the platform



OAE200 - Platform lights DHOLLANDIA 12V/24V



OAE400.24 - Battery box 24V empty + cover



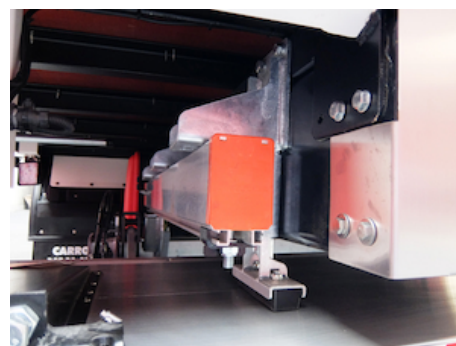
OAE406.H - Battery box mounted on slide tube high (suppl)



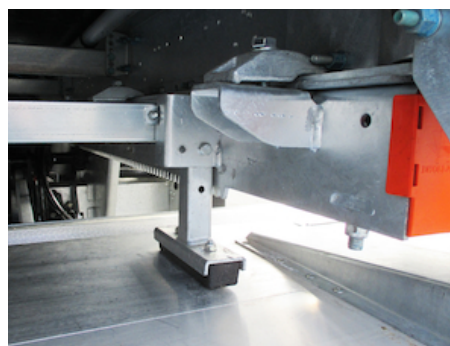
OAE406.L - Battery box mounted on sliding tube low (suppl)



OAM100 - Premounting of slider lift



OAM033.A - End stop low SM/SSU



OAM034.LE - Platform buffer SMR LE...mm

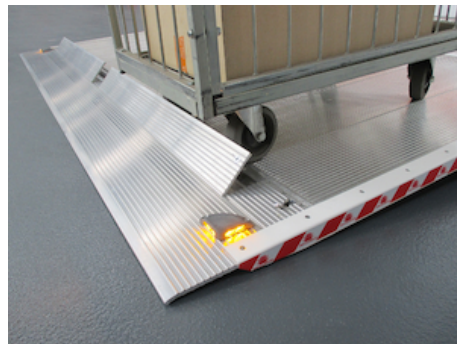


OAM021 - Chassis extension for SM/SMR





OAP100.M - Manual rollstops in platform point



OAP100.A - Automatic rollstops in platform point



OAP203.LR - 2 hinged safety rails on foldable platform



OAP204.LR - 2 safety rails with rotating foot



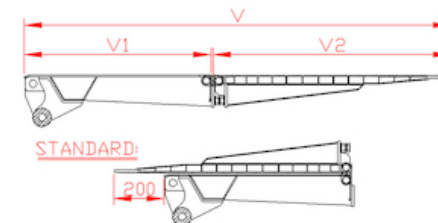
OAP023 - 1 STD. side ramp (type B) for OAP022/024



OAP601 - Fixed part of folding platform in ALU



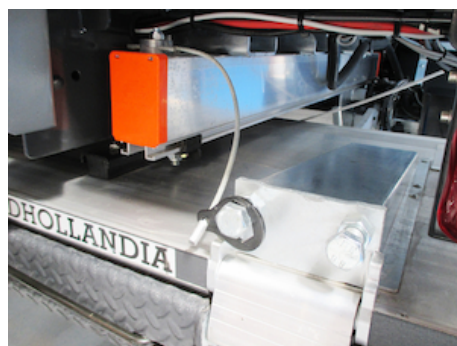
OAP602 - Extension DH-S...platform per 10cm



OAP604 - Non-standard division between base section & point



OAP610 - Front lip made to measure on slider platform



OAP620.B - Lock DH-S with steel cable >2013



OAT020 - Platform flags TÜV type



OAT023 - Reflecting platform flags export



OAT136 - Anodisation DHS...alu/alu



OAT137 - Anodisation of alu platform point



OAU100 - Control box left (right steer wheel UK)

