

# Slider lift DH-SM.30

2000 - 3000 Kg



# DHOLLANDIA





Mounting on truck chassis



Mounting on trailer and semi-trailer chassis



Mounting on chassisless North-American semi-trailer or trailer

## The most powerful slider lift with single fold platform

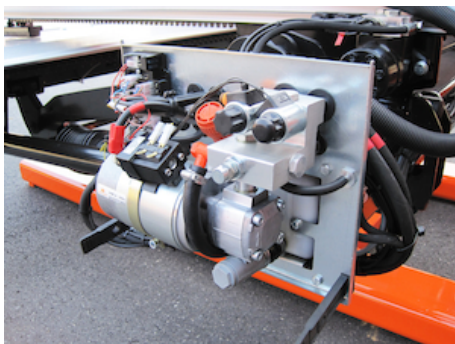
The DH-SM(R).30 is the **heavy-duty slider lift**. Its robust lift mechanism, reinforced platform and hydraulic system are designed for intensive, heavy-duty applications and "hostile environment" circumstances. It is ideal for the most demanding applications in the regular transport business, such as **supermarket & food distribution**.

In its travel position, the DH-SM.30 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.

DHOLLANDIA's top of the range **4-cylinder slider lift** is available in 2 executions: the DH-SM.30 designed for **truck chassis** and the DH-SMR.30 designed for **quick-fitting on trailer and semi-trailer chassis**.

- + Robust, powerful lift for heavy-duty applications in "hostile environment" conditions. Ideal for supermarkets, food & drinks distribution.
- + 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.
- + Wedged platform. Level ride with automatic tilt at ground level. Adjustable platform orientation.
- + Lift frame in hot-dip zinc plated or "galvanised" finish. Best possible protection against corrosion [OAT104].
- + Available with POWER-DOWN function, and arctic oil (-51°C). Suitable for the coldest winter temperatures.





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

## CHARACTERISTICS

DH-SM.30

### PLATFORM

- Reinforced steel base section with aluminium point, or weight saving full aluminium platform [option OAP601]
- 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 / wedge platform. Level ride with automatic tilt at ground level
- Platform tilt adjustable at any position from the exterior controls
- Heavy duty lift frame, suitable for high capacities and long platforms

### 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
- Pump unit 12V or 24V DC, accessible on 5 sides for easy maintenance
- Hydraulic retraction by means of a hydromotor + gearwheel system [OAH022]
- Power-Down (double acting descend) available as an option [OAH025]

### 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
- (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
- Lift frame in hot-dip zinc plated or "galvanised" finish. Best possible protection against corrosion [OAT104].
- Steel base section standard in hot-dip zinc plated finish [OAT127]
- Alu platform or platform sections in natural finish

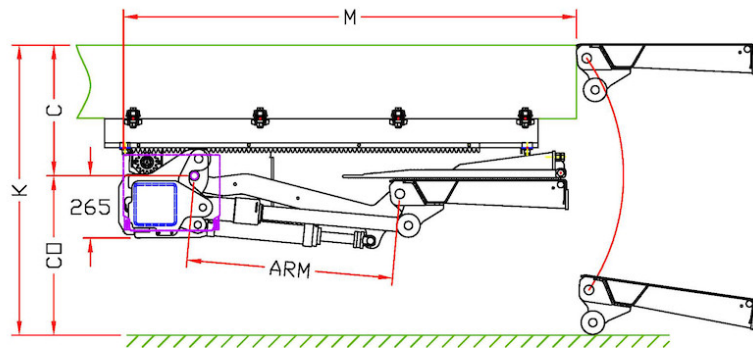
Disclaimer: data and images of lifts and options are indicative, and may vary in function of the lift execution and vehicle details. Ask confirmation from DHOLLANDIA.



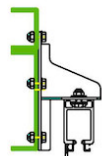
### TECHNICAL CHARACTERISTICS

DH-SM.30

<b>Lift frame</b>	100 x 180 mm
<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>	- 1700 - 1800 mm - Longer platforms on request [OAP602]
<b>Standard platform widths</b>	- 2300 - 2400 mm - Other widths on request [OAP603]
<b>Lift arm lengths</b>	820 - 880 - 940 - 1000 - 1100 - 1200 mm
<b>Lift arm widths</b>	800 - 1300 - 1550 mm
<b>Standard control unit</b>	OAE030.BT
<b>Standard finish of the lift frame</b>	Hot-dip zinc plated finish [OAT104]

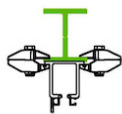


TRUCK  
□AM030

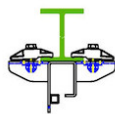


TRAILER / SEMI-TRAILER

□AM032.A  
STANDARD



□AM032.S  
OPTION



### MOUNTING DIMENSIONS

DH-SM.30

larm		820	880	940	1000	1100	1200
<b>K max.</b>		1330	1420	1500	1590	1730	1870
<b>C max.</b>		680	730	780	820	900	980
<b>CO max.</b>		650	690	720	770	830	890
<b>M</b>	1700 mm platform	1830	1890	1950	2010	2110	2210
<b>M</b>	1800 mm platform	1930	1990	2050	2110	2210	2310
<b>M</b>	+ option OAP610	-100	-100	-100	-100	-100	-100





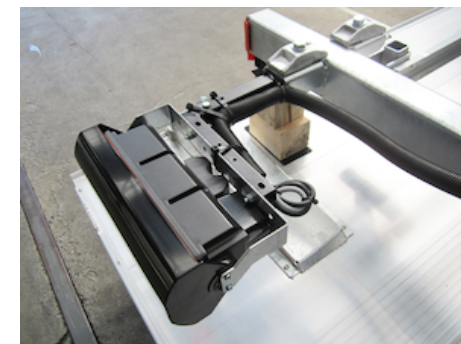
OAE001 - 2-button wander lead with spiral cable



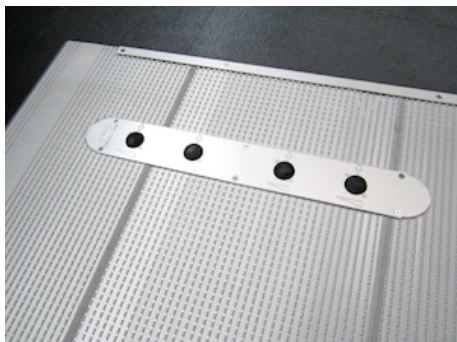
OAE030.BT.0 - Exterior joystick control box + main battery isolator switch (+ turn switch)



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



OAM027 - Bracket for mounting of control box on slide tube



OAE060 - 4-button foot controls in the platform



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



OAE503.1 - Cabin switch (single use)



OAE400.24 - Battery box 24V empty + cover



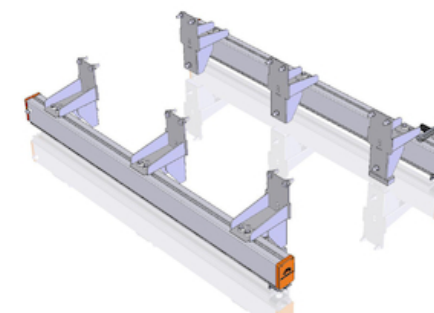
OAE406.24.L - 24V battery box on slide tube low



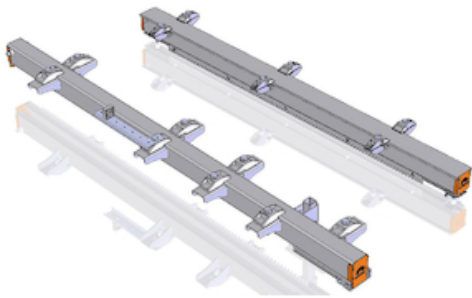
OAE406.24.TL - 24V battery box on slide tubes - telescopic



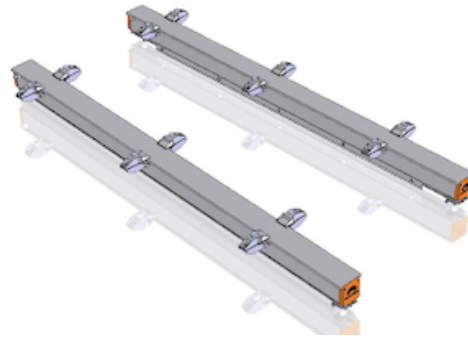
OAM021 - Chassis extension for DH-SM



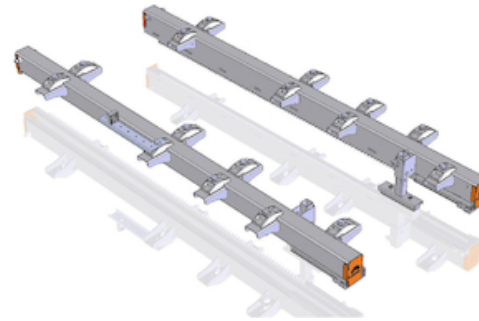
OAM030 - Slide tubes for SIDE mounting



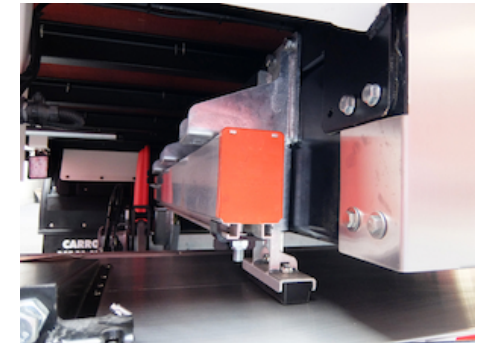
OAM031 - Slide tubes for UNDER mounting with clamps



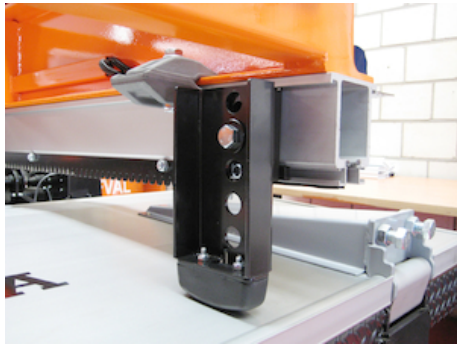
OAM032.A - Slide tubes DH-S\* in ALUMINIUM



OAM032.S - Slide tubes DH-S\* in STEEL



OAM033.A - Low platform stop for side mounting



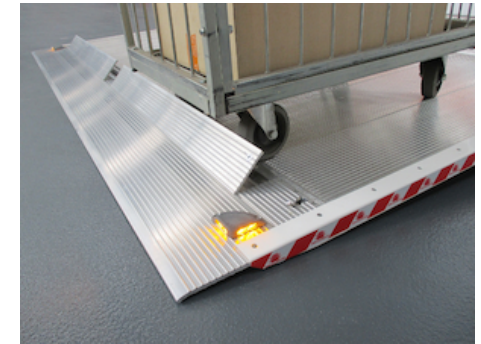
OAM037.LE - Hinged buffer ...mm for trailer sliding tubes



OAM100 - Premounting of DH-S\* on transport rack OAA501.01



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



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



OAP203.LR - 2 hinged safety rails on L+R side of a foldable platform



OAP204.LR - 2 hinged safety rails with rotating foot on L+R side of platform



OAP023 - 1 standard size side ramp (type B) for OAP022 / 024

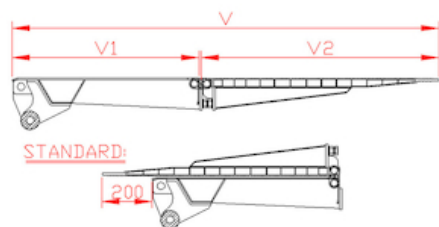


OAP601 - Fixed part of folding platform in ALU instead of steel

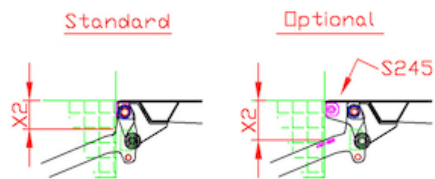




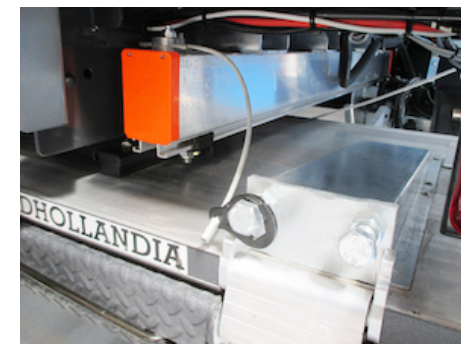
OAP602 - Extension of the slider lift platform per 10 cm



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)

