

# 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 4-cylinder 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.
- + Reinforced lift mechanism and platform, suitable for lift capacities of 2500-3000 kg.
- + 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.
- + 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

**PLATFORM**

- Reinforced steel platform heel with aluminium point, or weight saving 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
- Heavy duty lift frame, suitable for high capacities and long platforms

**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]
- 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]
- 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].

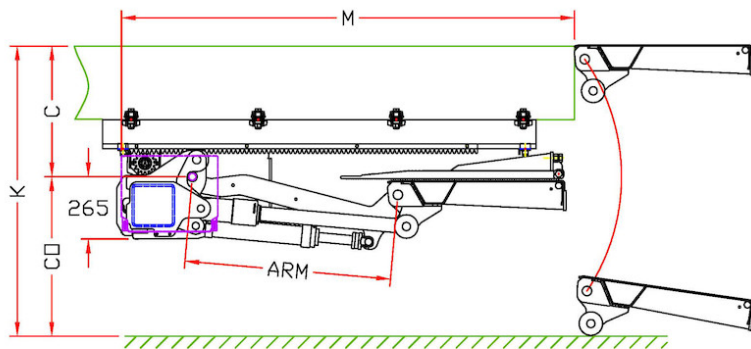
Disclaimer: data and images of lifts and options are indicative, and may vary in function of the lift execution and vehicle details. Ask confirmation from Dhollandia.



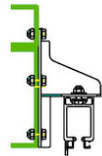
## TECHNICAL CHARACTERISTICS

DH-SM.30

<b>Lift frame</b>	180 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]



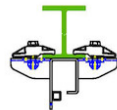
TRUCK  
□AM030



TRAILER / SEMI-TRAILER

□AM032.A  
STANDARD

□AM032.S  
OPTION



## MOUNTING DIMENSIONS

DH-SM.30

ARM		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

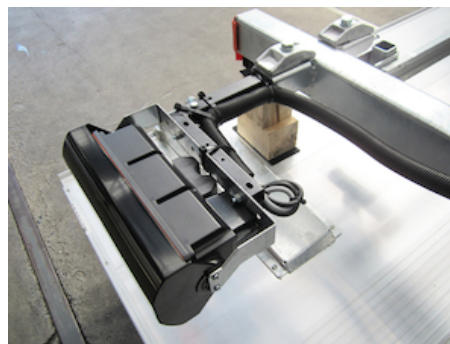




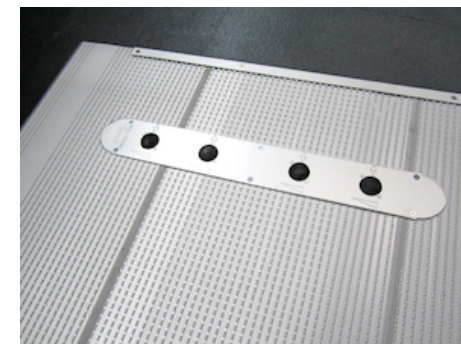
OAE001 - Kit 2-button wander lead + spiral cable



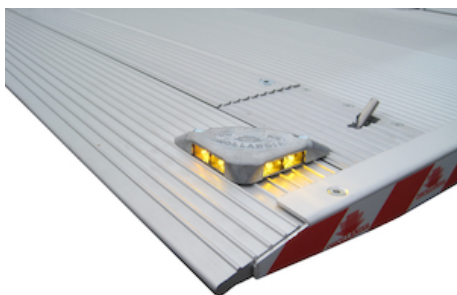
OAE041.BP - Arctic control box + E2007 + push button



OAM027 - Mounting bracket for the control box



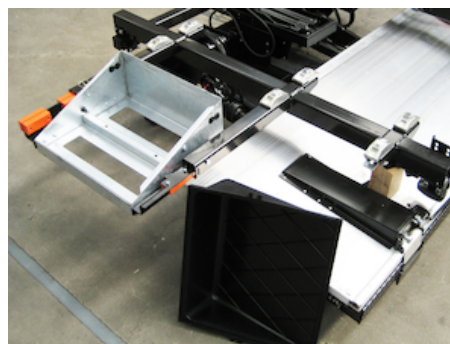
OAE060 - 4-button foot controls on the platform



OAE200 - Platform lights DHOLLANDIA 12V/24V



OAE400.24 - Battery box 24V empty + cover



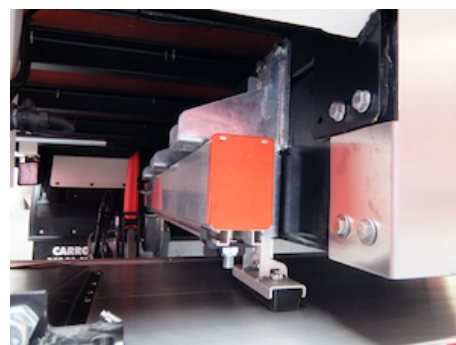
OAE406.H - Battery box mounted on slide tube high (suppl)



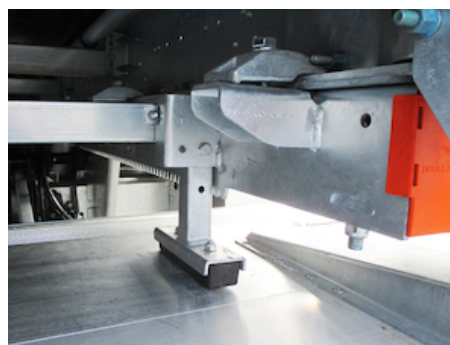
OAE406.L - Battery box mounted on sliding tube low (suppl)



OAM100 - Premounting of slider lift



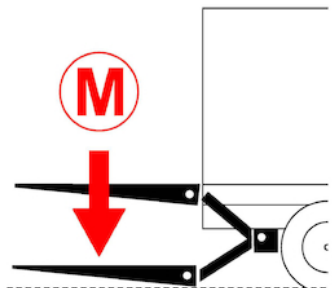
OAM033.A - End stop low SM/SSU



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



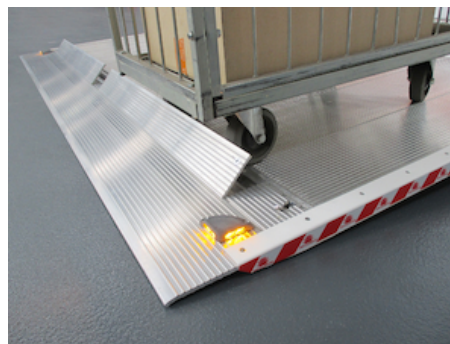
OAM021 - Chassis extension for SM/SMR



OAH025.1 - POWER DOWN function + 1 starter solenoid



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



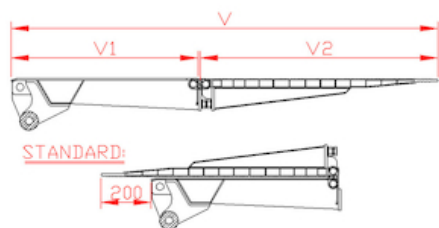
OAP023 - 1 STD. side ramp (type B) for OAP022/024



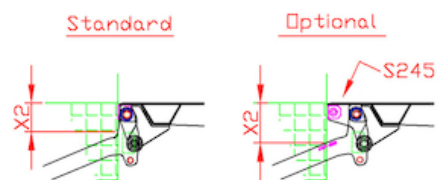
OAP601 - Fixed part of folding platform in ALU



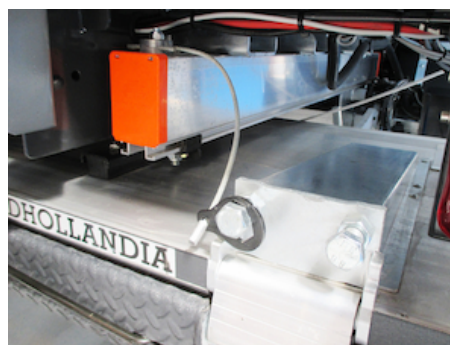
OAP602 - Extension DH-S...platform per 10cm



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)

