

Cantilever lift DH-LSU.40

3000 - 4000 Kg



DHOLLANDIA



For car transport and other heavy sizeable loads

The DH-LSU.40 is a powerful lift for **heavy loads positioned at an unfavorable centre of gravity** (further away from the rear end of the vehicle).

It is often used for the **transport of cars**. The option OAU007 includes an overall platform extension to 3000 mm; 2 foldable platform aluminium ramps of 1500 mm and hydraulic stabilising legs.

The DH-LSU.40 3000 kg version can be used for cars up to 2000 kg proper weight. For cars between 2000 & 3000 kg, the lift model DH-LSU.60 4000 kg is appropriate.

+ Lift frame in Protection PLUS finish (zinc phosphate + KTL epoxy primer + polyester powder top coat)



Reinforced heavy-duty steel platform, adapted to extreme lift capacities

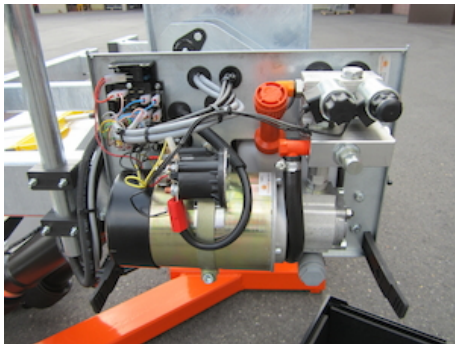


Extended platform with foldable point, for loading & unloading cars, long machines etc...





Manual emergency operation on all electrovalves



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



Electrical controls without sensitive electronic components

CHARACTERISTICS

PLATFORM

- Reinforced heavy-duty steel platform, adapted to extreme lift capacities
- Steel rollers for the contact between the platform and the ground

FUNCTIONAL & MECHANICAL CHARACTERISTICS

- Reinforced heavy-duty lift frame, suitable for extreme lift capacities
- 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 cylinders for maximum platform stability
- 2 tilt cylinders with spring assisted platform opening
- 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

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

- Weld-on mounting plates, to be reinforced during installation
- Fixed 3-piece bumper bar available as option [OAF100.ST]
- Chassis work and fitting details to be discussed and coordinated prior to placing order
- Chassis and subframe requirements to be validated with the vehicle manufacturer

FINISH & MAINTENANCE

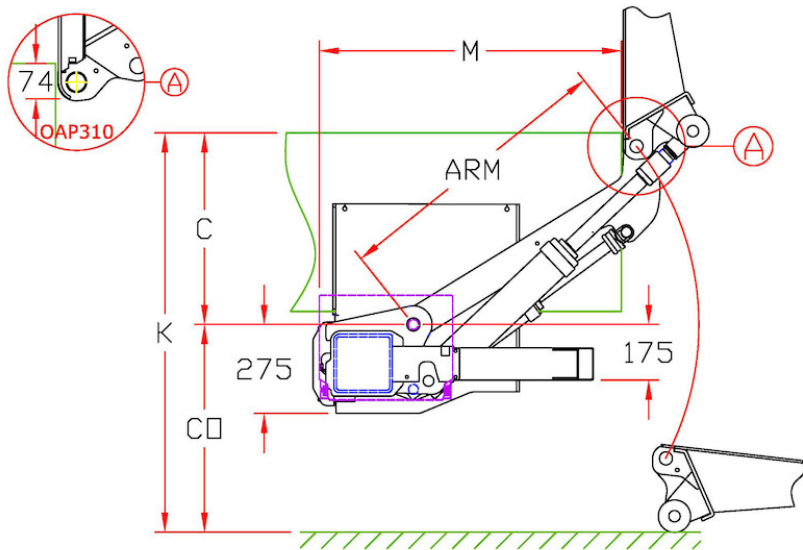
- Low-maintenance bearings in all articulation points, plus grease nipples
- Lift frame in Protection PLUS finish (zinc phosphate + KTL epoxy primer + polyester powder top coat)
- Steel platforms to 2000 mm shotblasted and KTL epoxy primed, or in zinc primer at the discretion of DHOLLANDIA. Steel platforms > 2000 mm in zinc primer.

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-LSU.40

Lift frame	180 x 180 mm
Cylinders	2 lift cylinders + 2 tilt cylinders + 1 memory cylinder
Type of ride	Wedged platform. Level ride + automatic tilt at ground level
Material	Steel or aluminium (alu = max. 3000 kg)
Platform overlap under floor	-78 mm
Standard platform depths	2000 mm (max. 4500 mm)
Standard platform widths	- Steel: 2350 - 2480 - 2500 - 2520 - 2550 mm - Alu: free up to 2550 mm in steps of 5 mm
Lift arm lengths	820 - 880 - 940 - 1000 - 1200 mm
Lift arm widths	1200 - 1300 - 1400 - 1550 mm
Standard control unit	OAE030.BT
Standard finish of the lift frame	Protection PLUS [OAT102]


MOUNTING DIMENSIONS
DH-LSU.40

larm	820	880	940	1000	1200	
K max.	1310	1420	1500	1580	1900	
C max.	660	720	760	810	910	
C min.	300	300	350	400	450	
CO max.	650	700	740	770	990	
M	at C max.	790	815	860	890	1080
M	at C min.	1030	1095	1140	1185	1380





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)



OAM025 - Adjustable mounting bracket for control box



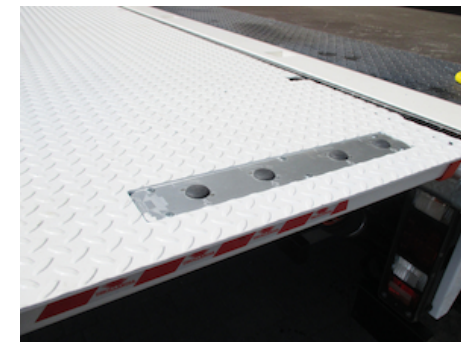
OAE031.Z.0 - 3+1 button exterior control box without main battery isolator switch



OAM026 - Mounting support type B for OAE031.Z



OAE048.0 - Control unit with 2 toggle-switches



OAE060 - 4-button foot controls in the platform



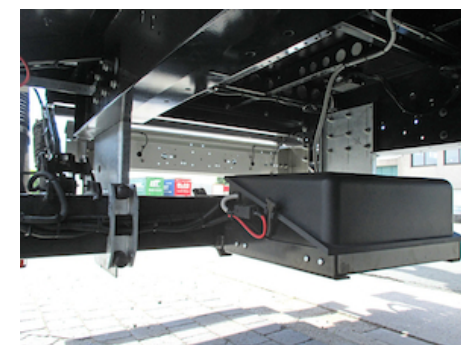
OAE064 - 4-button foot controls + reed sensor in the platform



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

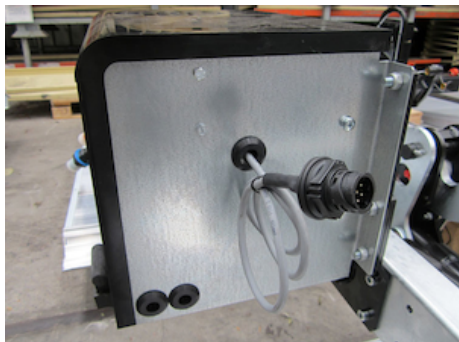


OAE400.24 - Battery box 24V empty + cover

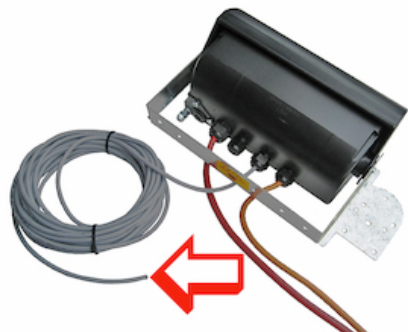


OAE405 - Suppl. for battery box premounted on lift frame





OAE500 - VEHH plug connection for dashboard switch



OAE501.12 - VEHH wire connection for dashboard switch 12 m



OAE502 - Reed sensor on platform



OAE503.1 - Cabin switch (single use)



OAE503.2 - Cabin / dashboard switch



OAF100.ST - Fixed 3-piece bumper in steel, mounted to the lift frame



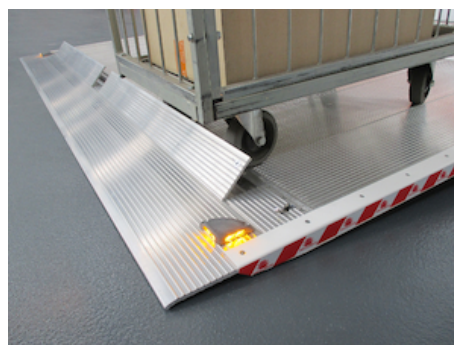
OAH013.60.LE - Hydr. stabilising leg straight 4T LE ... mm



OAH010.LE - Reinforced hydraulic stabilising feet 10T ... mm



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



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

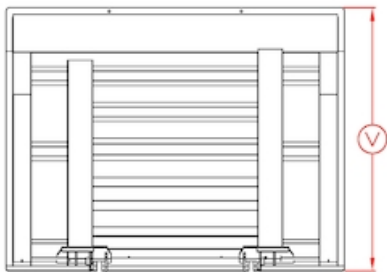


OAP021 - 1 standard size side ramp (type A) for OAP020

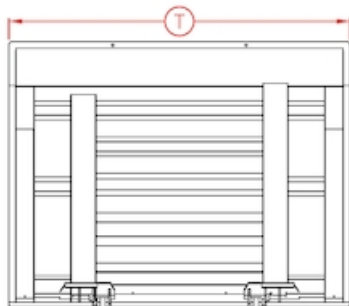


OAP202.LR - 2 hinged safety rails on L+R side of platform





OAP302.S - Extension of the STEEL platform per 10 cm



OAP303 - Non-standard platform width



OAP304 - Steel platform with flat surface between the vertical support beams



OAP305 - Steel platform with fully flat exterior side



OAP323 - Steel platform with vertical beam structure

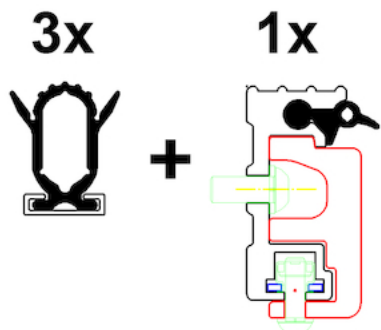
OAP420 - DH-L* platform without lock (on client's request)



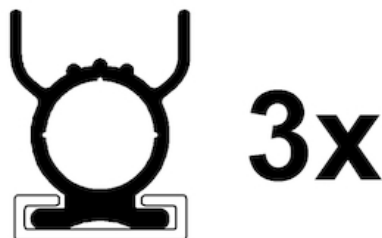
OAP422.L - 1 standard lock on L-side of steel platform



OAP422.R - 1 standard lock on R-side of steel platform



OAT001 - Kit rubber platform seals - 4 sides - high



OAT003 - Kit rubber platform seals - 3 sides - low



OAT020 - Reflecting platform flags type TÜV



OAT023 - Reflecting platform flags type Export Red





OAT124 - Hot-dip zincplated finish for steel DH-L platform



OAT131 - Publicity plate for galva platform, supplied loose



OAT131.PM - Publicity plate for galva platform, premounted



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



OAU007.A - Kit for CAR TRANSPORT + aluminium platform



OAU007.S - Kit for CAR TRANSPORT + steel platform

