

Cantilever lift DH-LSU.60

4000 - 6000 Kg



DHOLLANDIA





Robust, reinforced steel platform for use in hostile-environment conditions



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

Beyond competition: extreme lift capacities up to 6T

The heavy duty lift DH-LSU.60 is designed for **extreme lift capacities from 4000 to 6000 kg**, and is mainly used for the transport of heavy machinery, forklifts, agricultural tractors etc ... The tilt cylinders can be modified so that the platform can be **tilted down in ramp position** [option OAH027]. When equipped with the **race car kit and reinforced foldable ramps** [option OAU007...], the DH-LSU.60 4000 kg is ideally suited to load and unload cars up to 3000 kg proper weight.

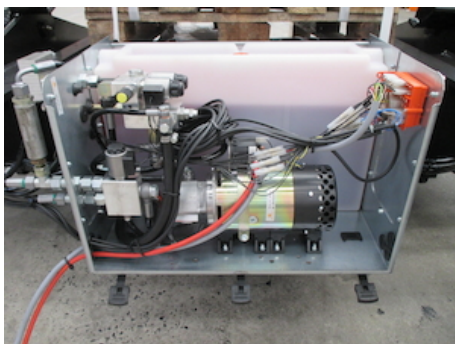
Hydraulic stabilising legs are standard on the DH-LSU.60. It is important to have the chassis sufficiently reinforced for the mounting of this type of tail lift.

- + Beyond competition: tail lift designed for extreme lift capacities of 4000-6000 kg
- + Suitable for the transport of heavy machinery, agricultural tractors, fork lifts etc...
- + Equipped with hydraulic stabilising legs in standard execution
- + Optional use of the platform in ramp position [option OAH027]
- + Lift frame in Protection PLUS finish (zinc phosphate + KTL epoxy primer + polyester powder top coat)





Reinforced heavy-duty lift frame, suitable for extreme lift capacities



Compact pump unit 12V or 24V DC, mostly premounted on the lift frame



Electrical controls without sensitive electronic components in basic configuration

CHARACTERISTICS

DH-LSU.60

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
- 2 hydraulic stabilising legs with robust support construction [OAH010]
- Powerful 24V DC pump unit, mostly premounted in the middle of the lift frame

ELECTRICAL CHARACTERISTICS

- Control box with battery disconnect switch, joystick control and change-over switch [OAE030.BT.0]
- Electrical controls without sensitive electronic components in basic configuration
- Safe exterior controls with compulsory 2-hand operation
- Electric motor with thermal cut-out fuse

FITTING

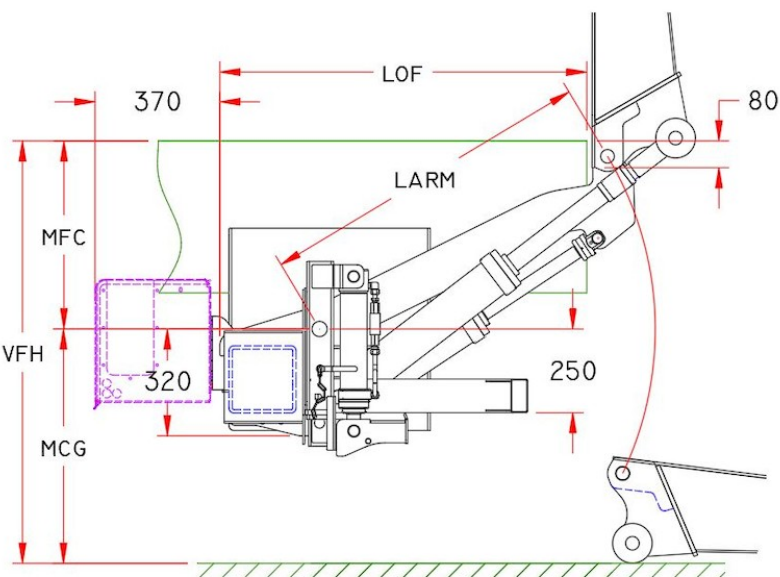
- Weld-on mounting plates, to be reinforced during installation
- Chassis work and fitting details to be discussed and coordinated prior to placing order
- Chassis and subframe requirements to be validated with the vehicle manufacturer

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.60

Lift frame	200 x 200 mm
Cylinders	2 lift cylinders + 2 tilt cylinders + 1 memory cylinder
Type of ride	Wedged platform. Level ride + automatic tilt at ground level
Platform material	Reinforced steel platform
Platform overlap under floor	-80 mm (straight platform edge OAP311)
Standard platform depths	Steel: 2000 mm (max. 4500 mm)
Standard platform widths	Steel: 2350 - 2480 - 2500 - 2520 - 2550 mm
Lift arm lengths	1000 mm
Lift arm widths	1200 - 1400 - 1600 mm
Standard control unit	OAE030.BT
Standard finish of the lift frame	Protection PLUS [OAT102]

MOUNTING DIMENSIONS

DH-LSU.60

larm	1000
vfh max.	1610
mfc max.	775
mfc min.	200
mfg max.	835
lof at mfc max.	920 (+370)
lof at mfc min.	1225 (+370)

370 mm = extra overhang needed for the hydraulic pump unit mounted centrally at the front of the lift frame
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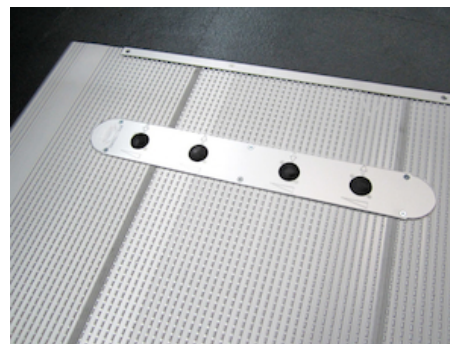




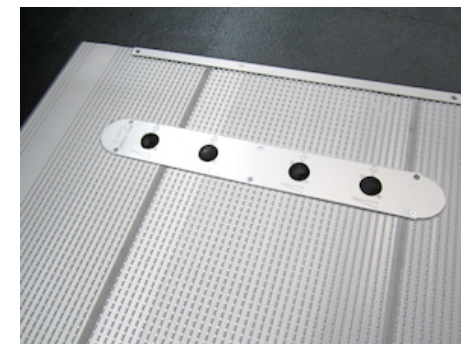
OAE001 - Kit 2-button wander lead + spiral cable



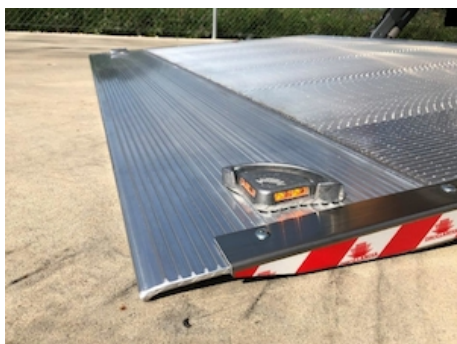
OAE030.BT.0 - Controls + battery switch + turn switch



OAE060 - 4-button foot controls on the platform



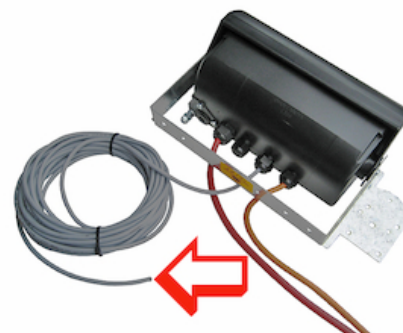
OAE064 - 4-button foot controls + reed sensor



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



OAE500 - Wire connection ETMA(VEHH)



OAE501.12 - Cable ETMA(VEHH) -12m



OAE502 - Reed sensor on platform



OAE503.1 - Cabin switch (single use)



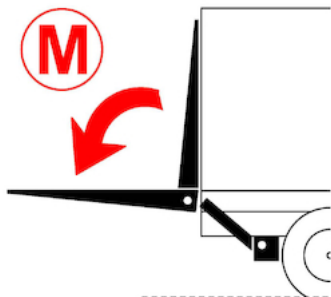
OAE503.2 - Cabin switch (double use)



OAH011.LE - Articulated stabilising legs 10T on LSU>4T



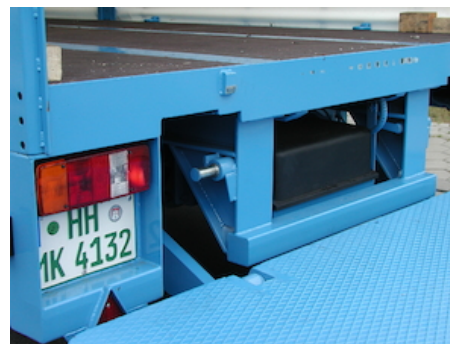
OAH014.01 - Premounting of stabilisers on lift frame



OAH026 - Double acting tilt cylinders



OAH027 - Tilting of the platform in ramp position



OAM023 - Locking pins under lift arms - large



OAP100.M - Manual rollstops in platform point



OAP100.A - Automatic rollstops in platform point



OAP120.ST - Supplement roll stops in steel platform



OAP420 - Without platformlock on client request



OAP302.S - Extension STEEL platform per 10 cm



OAP303 - Platform width out of standard

T=
non-standard



OAP303.B - Platform width DHL* 2551-2590 mm

T=
non-standard



OAP304 - Steel platform flat between the main beams



OAP305 - Steel platform with fully flat exterior side



OAP403.1.CFG - OAP403.1 in CFG execution

OAP403.2.CFG - OAP403.2 in CFG execution



OAP404.1 - Reinforced foldable point (1x) on DHL*



OAP404.2 - Reinforced foldable point (2x) on DHL*



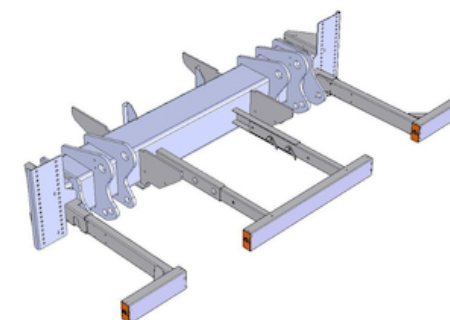
OAP422.L - Standard lock on STEEL platform L



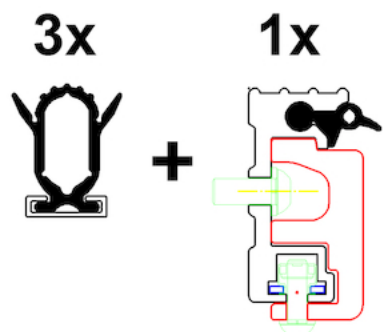
OAP422.R - Standard lock on STEEL platform R



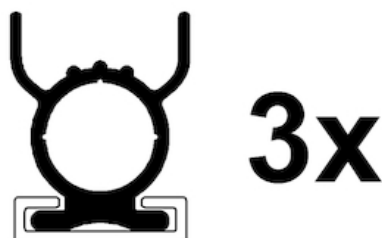
OAF100.ST - Fixed 3-piece bumper STEEL mounted on lift frame



OAF104 - Mid bumper section retractable LSU.60/90



OAT001 - Rubber platform seals high - 4 sides



OAT003 - Rubber platform seals 25mm - 3 sides



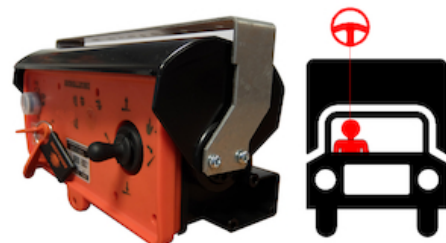
OAT020 - Platform flags TÜV type



OAT023 - Reflecting platform flags export



OAT102 - Standard finish in KTL + powder for HTL frame



OAU100 - Control box left (right steer wheel UK)



OAU007.A - Kit CAR TRANSPORT on alu platform



OAU007.S - Kit CAR TRANSPORT on steel platform



OAM012 - Mounting plate welded