

Cantilever lift DH-LM.20

1500 - 2000 Kg



DHOLLANDIA





Light-weight aluminium platform with anti-slip surface



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

Best seller in the medium-duty vehicle range

The DH-LM.20 is an **extremely versatile medium capacity lift**, suitable for commercial trucks above 7.5T GVW, trailers and semi-trailers.

This powerful 4-cylinder lift is available with reinforced steel platforms or light-weight aluminium platforms up to 2250 mm. Longer platforms are available in combination with lift type DH-LM.30.

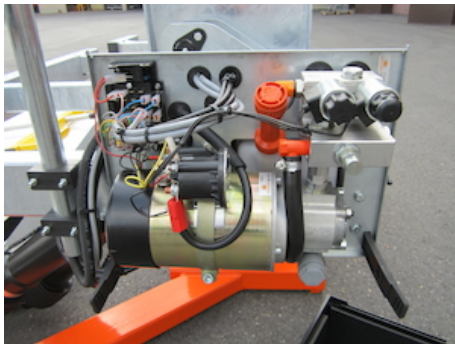
Special applications are available: **half width** tail lifts (DH-LMZ), lifts for truck-trailer combinations with **draw-bar** (DH-LV), adaptations for **trailer-coupling mounted between the chassis** beams (arm LMK), for **very short overhang** (DH-LMP) and for **tipper vehicles** (DH-KA).

- + 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.
- + Very versatile lift available with a large choice of useful options and extra equipment.
- + Hot-dip zinc-plated or "galvanised" finish. Best possible protection against corrosion.





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

PLATFORM

- **Light-weight aluminium** platform, or **heavy-duty steel** platform
- Aluminium platform with profiles oriented in longitudinal direction [type V...], and a milled anti-slip protection pattern
- Alu platform or platform sections in natural finish
- 2000 mm in zinc primer.
- Synthetic rollers for the contact between the platform and the ground
- Maximum platform depth:2250 mm (see technical characteristics for detail per type of platform)

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 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
- Pump unit 12V or 24V DC, accessible on 5 sides for easy maintenance
- Cylinder piston rods in hard-chromed stainless steel
- Cylinders equipped with rubber gaiters and lubrication

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

- Bolt-on mounting plates for quick and easy fitting [OAM010]
- Fixed 3-piece bumper bar available as option [OAF100.ST]

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

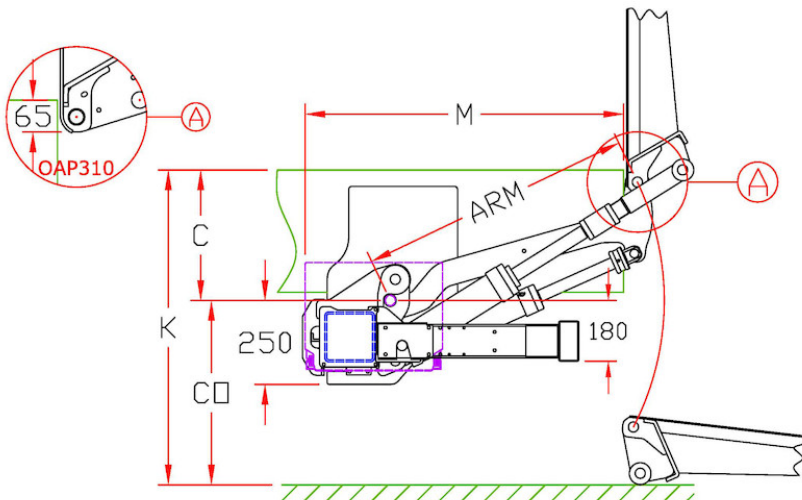
DH-LM.20

| | |
|--|--|
| Lift frame | 150 x 150 mm |
| Cylinders | 2 lift cylinders + 2 tilt cylinders |
| Type of ride | Wedged platform. Level ride + automatic tilt at ground level |
| Material | Aluminium or steel |
| Platform overlap under floor | -65 mm |
| Standard platform depths | Steel: 1500 - 1750 - 2000 mm (max. 2250 mm) Alu: 1600 - 1800 - 2000 mm (max. V02 = 2000mm / max. H03 = 2250 mm) |
| Standard platform widths | Steel: 2350 - 2480 - 2500 - 2520 - 2550 mm Alu: Variable up to 2550 mm in steps of 5 mm |
| Lift arm lengths | 760 - 820 - 880 - 940 - 1000 - 1100 mm |
| Lift arm widths | 800 - 1150 - 1300 - 1550 mm (...-2014) 800 - 1200 - 1300 - 1550 mm (2015-...) |
| Standard control unit | OAE030.BT |
| Standard finish of the lift frame | Hot-dip zinc plated finish [OAT104] |

MOUNTING DIMENSIONS

DH-LM.20

| ARM | 760 | 820 | 880 | 940 | 1000 | 1100 | |
|----------------|-----------|------|------|------|------|------|------|
| K max. | 1215 | 1305 | 1390 | 1490 | 1560 | 1725 | |
| C max. | 625 | 675 | 720 | 770 | 815 | 895 | |
| C min. | 250 | 300 | 350 | 400 | 400 | 450 | |
| CO max. | 590 | 630 | 670 | 720 | 745 | 830 | |
| M | at C max. | 710 | 730 | 770 | 800 | 840 | 900 |
| M | at C min. | 960 | 990 | 1035 | 1080 | 1150 | 1230 |





OAE001 - Kit 2-button wander lead + spiral cable



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



OAE043.BT - Arctic control box + E2007 (Toggle switches)



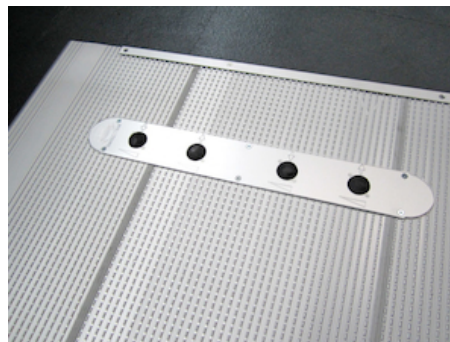
OAM025 - adjustable mounting bracket for control box



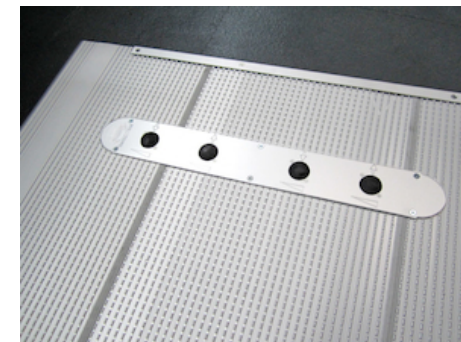
OAE031.Z - Control box 3+1 buttons without battery isolator



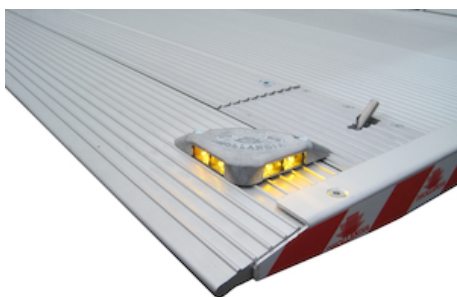
OAM026 - Fitting support control box 3+1 BTN type B



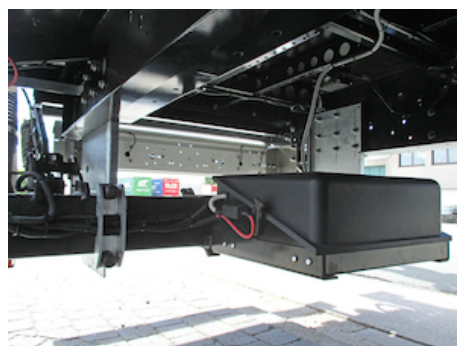
OAE060 - 4-button foot controls on the platform



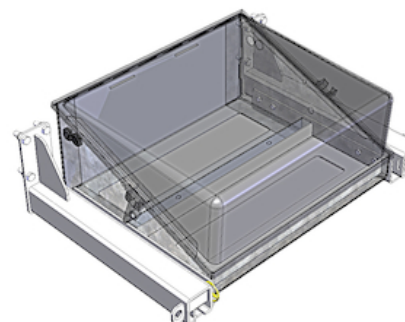
OAE064 - 4-button foot controls + reed sensor



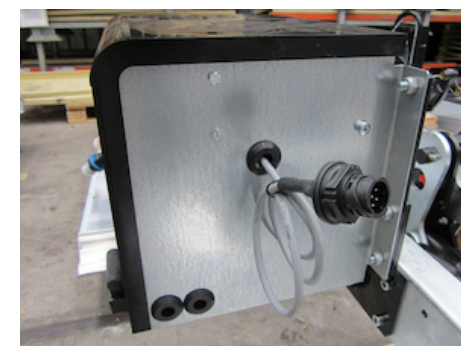
OAE200 - Platform lights DHOLLANDIA 12V/24V



OAE405 - Battery box mounted on lift frame (suppl)

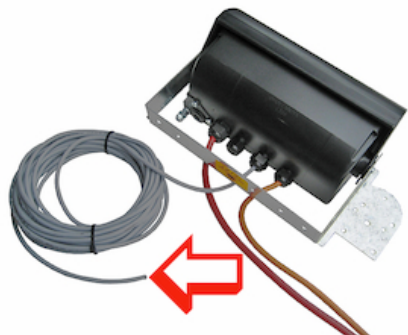


OAE407 - Mounting support for battery box on chassis



OAE500 - Wire connection VEHH





OAE501.12 - Cable VEHH -12m



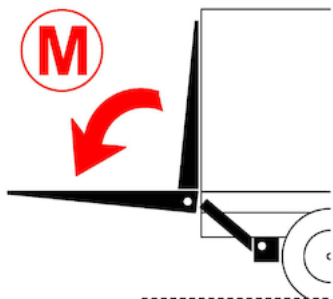
OAE502 - Reed sensor on platform



OAE503 - Cabin switch



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



OAH026 - Double acting tilt cylinders



OAF001 - Lift arm for trailer coupling LMK



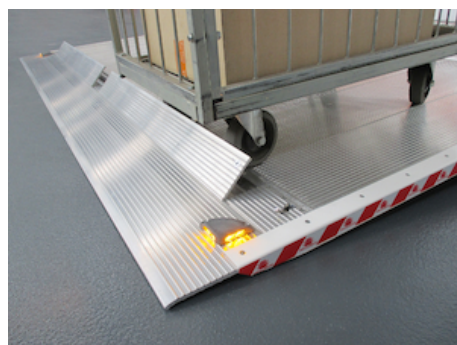
OAF100.ST - Fixed 3-piece bumper STEEL mounted on lift frame



OAF103 - Preparation bumper for ball coupling



OAP100.M - Manual rollstops in platform point



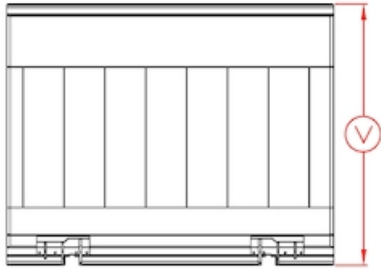
OAP100.A - Automatic rollstops in platform point



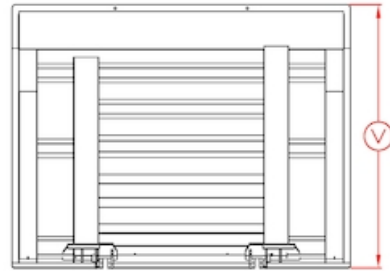
OAP021 - 1 STD. side ramp (type A) for OAP020



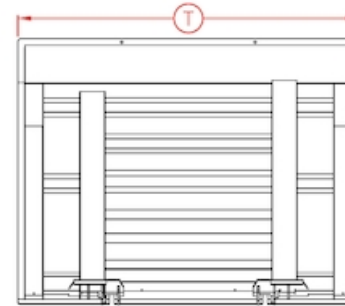
OAP202.LR - 2 hinged safety rails L+R



OAP302.A - Extension platform ALU / DHESU per 10cm



OAP302.S - Extension STEEL platform per 10cm



OAP303 - Platform width out of standard



OAP304 - Steel platform flat between the main beams



OAP305 - Steel platform with fully flat exterior side



OAP403.1 - Foldable point on DH-L* platform, full width



OAP350.H02 - ALU platform type H02 >1500kg



OAT135 - Anodisation of alu platform



OAP420 - Without platformlock on client request



OAP421.L - Standard lock on ALU platform L



OAP421.R - Standard lock on ALU platform R

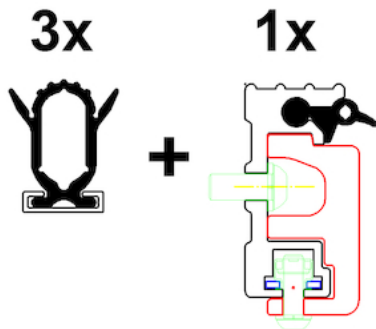


OAP422.L - Standard lock on STEEL platform L





OAP422.R - Standard lock on STEEL platform R



OAT001 - Rubber platform seals high - 4 sides



OAT003 - Rubber platform seals 25mm - 3 sides



OAT020 - Platform flags TÜV type



OAT023 - Reflecting platform flags export



OAT124 - GALVA finish for steel DHL* platform



OAT131 - Publicity plate for galva platform, supplied loose



OAU100 - Control box left (right steer wheel UK)