



# DHOLLANDIA



## POCKET GUIDE PRODUCT RANGE 2015



**DHOLLANDIA**

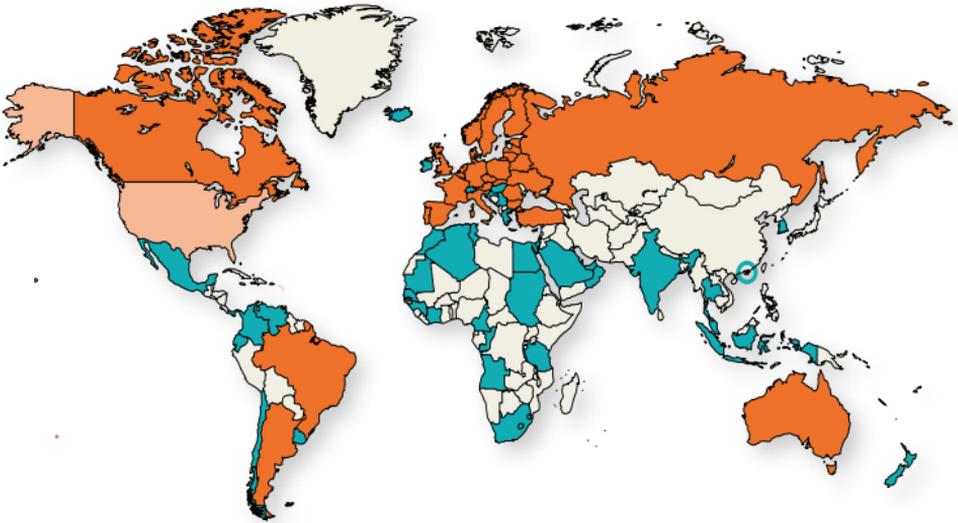
**POCKET GUIDE  
PRODUCT RANGE 2015**

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# DHOLLANDIA facts & figures

- Founded in 1968, more than 45 years of experience in the tail lift business
- Europe's N° 1 manufacturer of tail lifts, with production in excess of 35,000 units per year and more than 550,000 units sold since 1968
- Unparalleled product range with lift capacities ranging from 150 to 16,000 kg, all developed via internal growth
- Production sites in 5 countries
- Extensive vertical integration and technological leadership: more than 90% of mechanical, hydraulic and electrical parts used are manufactured in-house
- Professional network of DHOLLANDIA Area Sales & Service Centres (Europe) and independent distributors (outside Europe) in 6 continents and more than 60 countries worldwide



 DHOLLANDIA Group       Independent distributor



See [www.dhollandia.com](http://www.dhollandia.com) for our worldwide network.



# 6 good reasons to buy DHOLLANDIA



## 1- Safe & reliable



- No electronic components, exceptionally reliable
- Adapted to the intensive use and heavy duty work
- Strong & robust 4-cylinder tail lifts (\*)
- Electrical safety valves mounted to all cylinders (\*)
- Manual emergency back-up operation on all electro valves
- Level ride plus automatic tilt at ground level on most commercial lift models (\*)



## 2- Flexible & client-oriented

- Small enough to care, big enough to cope
- Wide range of standard products ranging from 150 to 16,000 kg
- Extensive vertical integration and technological leadership: more than 90% of all mechanical, hydraulic and electrical parts used are manufactured in-house
- Therefore perfectly geared up to develop and manufacture tailor-made lifts and creative client-oriented solutions



## 3- Superior finish

- Low maintenance bearings and grease nipples in all critical articulation points
- Piston rods in hard-chromed stainless steel for all cylinders exposed to adverse weather conditions
- Best possible protection against corrosion: **HOT-DIP ZINC PLATED finish** or **Protection PLUS finish** on the majority of lifts

**HOT-DIP  
ZINC PLATED**

**KTL** **POWDER**  
painted + coated  
**Protection PLUS**



#### **4- Economic & budget friendly**

- Optimum price-quality ratio
- Lifts designed to allow easy maintenance
- Attractive spare parts prices and low maintenance costs
- Longer life-time and durability



#### **5- Strong environmental focus**



- Use of Best Available Techniques in surface treatment and waste water treatment
- Use of rain water for industrial purposes
- Application of wind and solar energy to power manufacturing processes
- Maximum elimination of lost packaging material
- ISO 14001 certified



#### **6- The safe and clever buy**

- Modern lift range offering many safety features and functional options
- Professional service network in more than 60 countries across the world
- More than 550.000 units sold are the proof of customer satisfaction and loyalty
- Preferred choice of many transport companies, fleet-owners, rental companies and truck body manufacturers

(\*) Generic characteristics for most types of commercial lifts

# Best possible protection for your investment

DHOLLANDIA uses 2 premium surface treatment finishes for steel components, raising the quality and corrosion protection of the finished product to the absolute top in the tail lift industry.

Most popular commercial lifts are supplied in **HOT-DIP ZINC PLATED finish**, the less common lifts in **Protection PLUS finish**.



DHOLLANDIA's **Protection PLUS** paint finish combines innovative technologies to raise the quality and corrosion protection of its tail lifts to the highest level.

Protection PLUS incorporates 4 important steps:

1. Shot blasting of the steel substrate
2. 3-cation zinc phosphate
3. KTL cathodic dip epoxy coating (KTL = Katodische Tauch-Lackierung)
4. Polyester powder top coat

## E-coat (KTL)



## Polyester powder coat



**HOT-DIP ZINC PLATING** is based on the metallurgic bond between the steel parts and zinc, melted at 460 °C. The zinc-iron alloys formed in this way, offer a number of clear advantages:

**HOT-DIP  
ZINC PLATED**

- ▶ **Best possible protection against corrosion**
- ▶ Improved metallurgic characteristics
- ▶ Better protection against shocks and wear
- ▶ Protects the outside **and inside** of steel structures (unlike e-coat or conventional paint systems, whose effect is limited to the painted outside surfaces)

**Hot zinc melted at 460 °C**



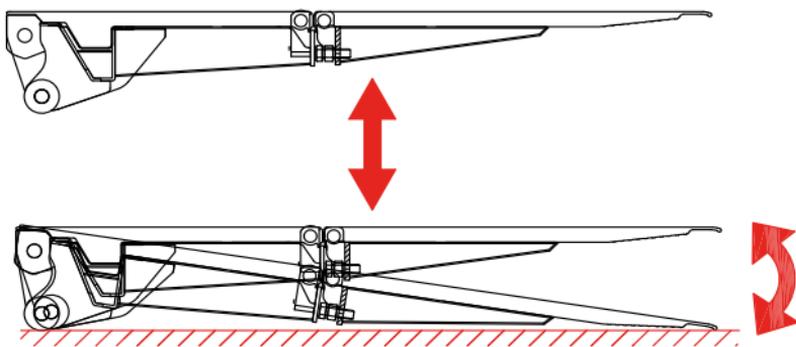
Green technology: life cycle assessments have proven that zinc-plating is the most environmentally friendly method of anti-corrosion protection.

## Different types of RIDE

The **RIDE** of a lift describes the movement that its platform goes through when lowering from the vehicle floor to the ground; or vice versa when lifting from the ground to the vehicle floor.

DHOLLANDIA mainly uses 3 types of rides.

### 1 Wedge or conical platform Level ride + automatic tilt at ground level



When lowering, the platform remains level from the vehicle floor down until the platform rollers touch the ground. Next, the platform tilts down to an inclined position that allows loading and unloading.

When lifting off the ground, the platform first tilts up from its inclined position on the ground to the horizontal level, then continues a level ride to the vehicle floor.

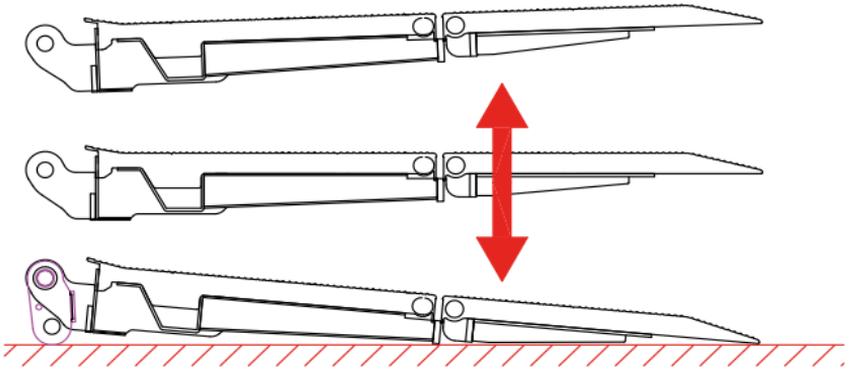
#### Recommended for:

- ▶ higher capacity applications, heavier loads
- ▶ applications where easy on- and off-loading of pallets with pallet jacks is required
- ▶ applications where adjustable platform orientation is required (tilt cylinders)

#### Used on:

DH-L and DH-S lifts, most DH-R lifts

## ② Half-dip ride



When lowering, the platform progressively tilts down from a level position at the vehicle floor to an inclined position at the ground. (And vice versa when lifting).

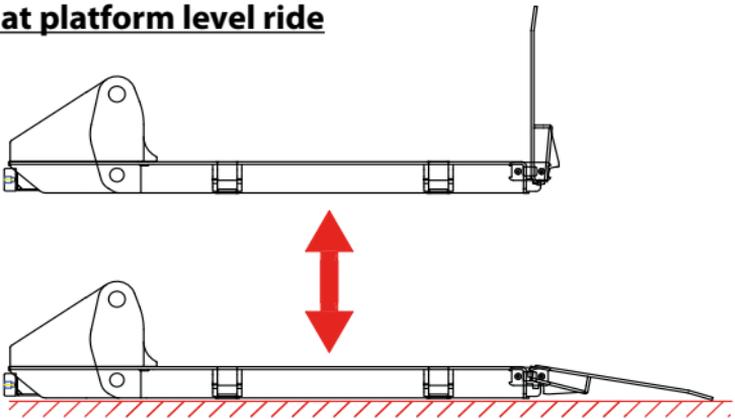
### Recommended for:

- ▶ applications where the load is stable on the platform: parcels, tyres, boxes, white & brown goods, drums, etc...
- ▶ Low-budget, low-maintenance environment

### Used on:

DH-RP lifts

## ③ Flat platform level ride



The platform remains level during the full lifting / lowering cycles. The rear end of the platform can be a fixed leading edge, or hinged ramps which adjust more easily to uneven surfaces.

### Recommended for:

applications where the load is unstable on the platform: roll-cages, tall and top-heavy objects

### Used on:

DH-LK and DH-SK lifts, most column lifts, most passenger lifts

# Control units for all applications...



DHOLLANDIA offers a wide variety of different control units to suit particular lift models, special applications and the client's individual requirements. Instructions for mounting and risk analysis are available in the mounting instructions.

## Most popular auxiliary controls



OAE001



OAE005



OAE011



OAE015



OAE060



E0452 / E0453

## Most commonly used exterior control boxes

(conform with CE safety regulations, all exterior control boxes sold in Europe have mandatory 2-hand control)



### **OAE030.BT**

Exterior control box with joy-stick, safety switch and main battery isolator switch



### **OAE031.Z (OAE035.Z)**

3+1 button (or 4+1 button) control unit, integrated in the body panel, or mounted under the vehicle body, without isolator switch



### **OAE039.BP**

Exterior control unit incorporated in the cover of the pump unit, with joy-stick, safety switch and main battery isolator switch



### **OAE041.BP**

Arctic exterior control box with IP67 rated push buttons, safety switch and main battery isolator switch



### **OAE043.BT**

Slim-line arctic exterior control box with IP67 rated toggle switches and main battery isolator switch



## ... and an endless list of options to choose from



**DHOLLANDIA** offers an almost endless list of electrical, hydraulic and mechanical options to fine-tune the lift to the client's individual requirements.

The most popular options involve:

- ▶ Control & ergonomics: various main and auxiliary controls
- ▶ Visibility: flashing platform lights & flags
- ▶ Load handling: roll-stops for pallets and roll cages
- ▶ Stability: hydraulic and mechanical stabilising legs
- ▶ Access: side loading ramps
- ▶ Operator safety: safety rails and fall protection, anti-slip platform surface finish & coatings
- ▶ Installation: quick-fit mounting solutions, plug & play connections
- ▶ Independence: battery & charging systems
- ▶ Finish: HOT-DIP ZINC PLATING, Protection Plus or individualised RAL colour schemes

# Professional service network

## Original spare parts



**DHOLLANDIA spare parts =**  
**100% original**  
**100% reliable**  
**100% compatible**

DHOLLANDIA lifts are being distributed in more than 60 countries worldwide, through a dedicated and professional network of DHOLLANDIA Area Sales & Service Centres and official independent distributors.

Each of these country distributors holds substantial stock of lifts and original spare parts and can support clients with:

- ▶ commercial and technical advice
- ▶ maintenance, repair and road-side assistance
- ▶ fitting and fitting assistance
- ▶ training on any of the subjects above and operator training

# Reading help

## Lift capacity

Hydraulic tail lifts are not designed to LIFT / LOWER weights corresponding to their nominal capacity over the full surface of the platform. The nominal capacity is valid at a certain distance or centre of gravity, measured behind the rear of the vehicle body. Behind that centre, which is marked on the platform, the maximum safe working load of any brand of tail lifts diminishes according to specific load diagrams supplied with the lift.

Since lifts are being sold in many capacities and with various centres of gravity, it may seem a difficult task to make an objective comparison. Therefore, the concept load moment combines the nominal lift capacity with the applicable centre of gravity. It allows us to compare the total performance of the machine and to get some appreciation of its ability to endure heavy duty conditions over a longer time period.

Load moment = lift capacity x centre of gravity

Example: 2 lifts with identical capacity but different centre of gravity:

### Type DH-LM.20 :

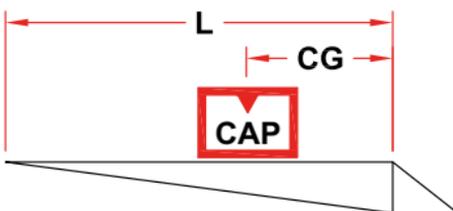
CAP	CG	LM
1500 kg	750 mm	11.25 kNm
2000 kg	750 mm	<b>15 kNm</b>

### Type DH-LM.30 :

CAP	CG	LM
1500 kg	1000 mm	15 kNm
2000 kg	1000 mm	<b>20 kNm</b>
2500 kg	1000 mm	25 kNm
3000 kg	1000 mm	30 kNm



$$2000 \text{ kg} \times 750 \text{ mm}$$
$$20 \text{ kN} \times 0.75\text{m} = 15 \text{ kNm}$$



$$\text{LM} = \text{CAP} \times \text{CG}$$

CAP = nominal lift capacity  
CG = centre of gravity  
LM = load moment = CAP x CG

## Units of measurement

Unless stated otherwise within the text, all weights are expressed in kg and all dimensions in mm.

## Weight indications of the lifts

### Weights:

STEEL platform	
1750 mm	? kg
2000 mm	? kg

ALU platform	
1800 mm	? kg
2000 mm	? kg

DHOLLANDIA lifts are available with a wide choice of different lift arms, lift frames and mounting plates, to allow integration to a wide variety of vehicles in optimum circumstances. Furthermore, most lifts are available with different platform designs and a long list of options to adapt the lift to the client's individual needs.

As a consequence, the weights mentioned in our sales literature are indicative and must be read : "from ... kg onwards". The real weights might vary according to the type of vehicle and the execution of the lift. Ask your national DHOLLANDIA distributor for further detail.

## Voltage

Unless stated otherwise within the text, all systems mentioned are designed for 12V - 24V commercial vehicles. Other voltage systems are available on request.

## Half width platforms, foldable platforms

All types of cantilever lifts (see chapter 3) are available with the standard platform, covering the full width of the vehicle body. But certain types are also available with half width or partial width platforms and vertically foldable platforms.

This possibility is indicated as follows:



Full width platform available



Half / partial width platform available



Half width frame + foldable platform available



Half / partial width platform not available



Half width frame + foldable platform not available



# 3

## Cantilever lifts





→ Cantilever lift for light commercial vehicles

## DH-LC.07 • 500 - 750 kg



The **2-cylinder** DH-LC is at the entry level of DHOLLANDIA's range of cantilever lifts. Thanks to its intrinsic simplicity, its low maintenance cost and its attractive pricing, this compact lift is ideal to equip **rental vehicles** and **light-duty commercial vehicles**.

The DH-LC is available with universal bolt-on mounting plates to suit regular truck chassis, or with brand-specific quick-fit mounting plates (depending on chassis type, wheel base and overhang). It suits most commercial vans and light-duty trucks up to 7.5T GVW, as well as small trailers and semi-trailers.

### Lift capacity

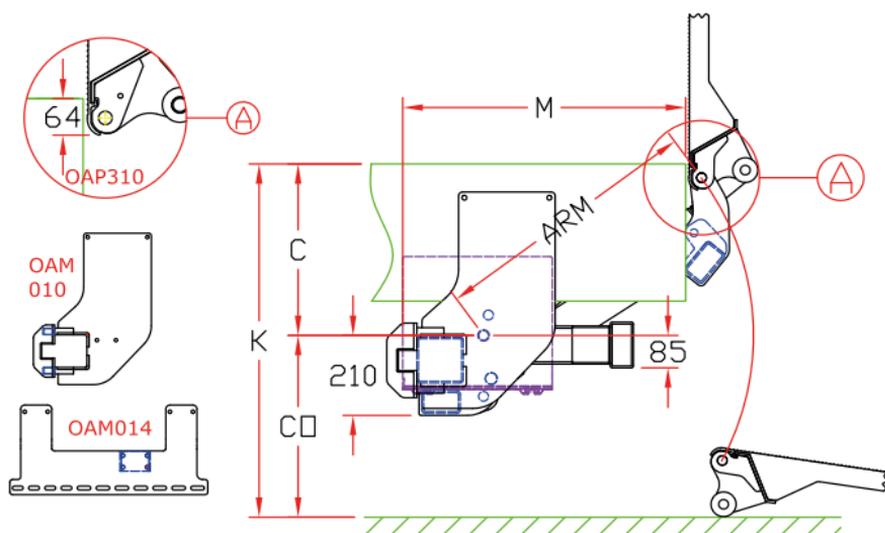
CAP	CG	LM
500 kg	600 mm	3 kNm
750 kg	600 mm	4.5 kNm

### Weights [see pg. 15]

ALU platform	
1250 mm	199 kg
1450 mm	207 kg
1600 mm	213 kg

Weights incl. CE bumper

# Compact, basic 2-cylinder lift



## Fitting dimensions

ARM		700	850
K max.		1090	1310
C max.		520	620
C min.		300	300
CO max.		570	670
M	at C max.	675	785
M	at C min.	820	975

## Technical specifications



Lift frame	120 x 120 mm
Cylinders	1 lift cylinder + 1 tilt cylinder
Type of ride [see pg. 8-9]	Wedged platform. Level ride + automatic tilt at ground level
Platform material	Light-weight aluminium
Platform overlap under floor	-64 mm
Standard platform depths	1250 - 1450 - 1600 mm (max. 1800)
Standard platform widths	Free up to 2200 in steps of 5 mm
Lift arm lengths	700 - 850 mm
Lift arm widths	620 mm
Standard control unit [see pg. 11]	OAE039.BP
Standard finish of the lift frame	KTL [OAT100]



→ Cantilever lift for light commercial vehicles

## DH-LE.10 • 500 - 1000 kg



The new DH-LE is a **light-weight 2-cylinder lift**, at the entry level of DHOLLANDIA's range of cantilever lifts. Thanks to its compact lift frame and short lift arms, it ideally suits light commercial vehicles with **very short overhang**.

The ingenious lift frame construction without cross tube allows to **save weight** and (in most cases) to **leave the spare wheel in its original position**.

The DH-LE is available with a conventional lift frame to suit regular chassis, or with brand-specific quick-fit mounting plates (depending on chassis type, wheel base and overhang).

### Lift capacity

CAP	CG	LM
500 kg	600 mm	3 kNm
750 kg	600 mm	4.5 kNm
1000 kg	600 mm	6 kNm

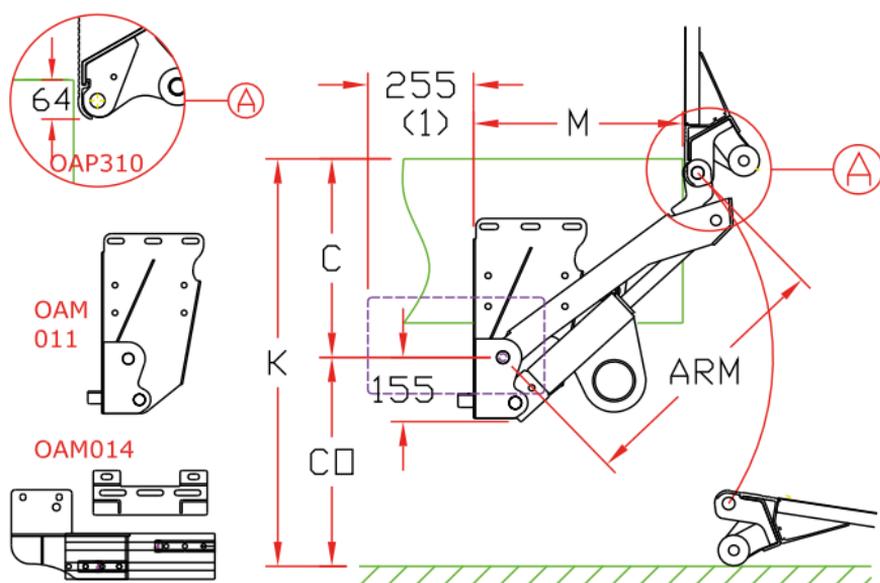
Remark: this lift is not distributed in Belgium, Germany and Sweden.

### Weights [see pg. 15]

ALU platform	
1250 mm	183 kg
1450 mm	191 kg
1600 mm	197 kg
1800 mm	207 kg

Weights incl. CE bumper

# Modern 2-cylinder lift for very short overhang



## Fitting dimensions

ARM		570	650
K max.		1030	1180
C max.		480	580
C min.		300	350
CO max.		550	600
M	at C max.	370	330
M	at C min.	540	600

(1) Standard supply with horizontally positioned pump unit. Tail lift is available with vertically mounted or separate pump unit if overhang needs to be reduced further. Consult DHOLLANDIA for optimum solution.

## Technical specifications



Lift frame	Compact lift frame without cross beam
Cylinders	1 lift cylinder + 1 tilt cylinder
Type of ride [see pg. 8-9]	Wedged platform. Level ride + automatic tilt at ground level
Platform material	Light-weight aluminium
Platform overlap under floor	-64 mm
Standard platform depths	1250 - 1450 - 1600 mm (max. 1800)
Standard platform widths	Free up to 2550 in steps of 5 mm
Lift arm lengths	570 - 650 mm
Lift arm widths	Adapted to the chassis width
Standard control unit [see pg. 11]	OAE030.BT
Standard finish of the lift frame	Protection PLUS [OAT102]



→ Cantilever lift for light commercial vehicles

## DH-LM.10 • 500 - 1000 kg



The **4-cylinder** DH-LM.10 is DHOLLANDIA's **best seller** in the light capacity lift range. Thanks to its **superior stability** and performance in comparison to competing 2-cylinder lifts and its competitive pricing, it offers an **excellent price-quality ratio**.

The DH-LM.10 is ideal for general purpose work and distribution transport up to 1000 kg useful capacity. It is available with universal bolt-on mounting plates to suit regular chassis, or with brand-specific quick-fit mounting plates (depending on chassis type, wheel base and overhang). It suits most commercial vans and light-duty trucks up to 7.5T GVW, as well as small trailers and semi-trailers.

### Lift capacity

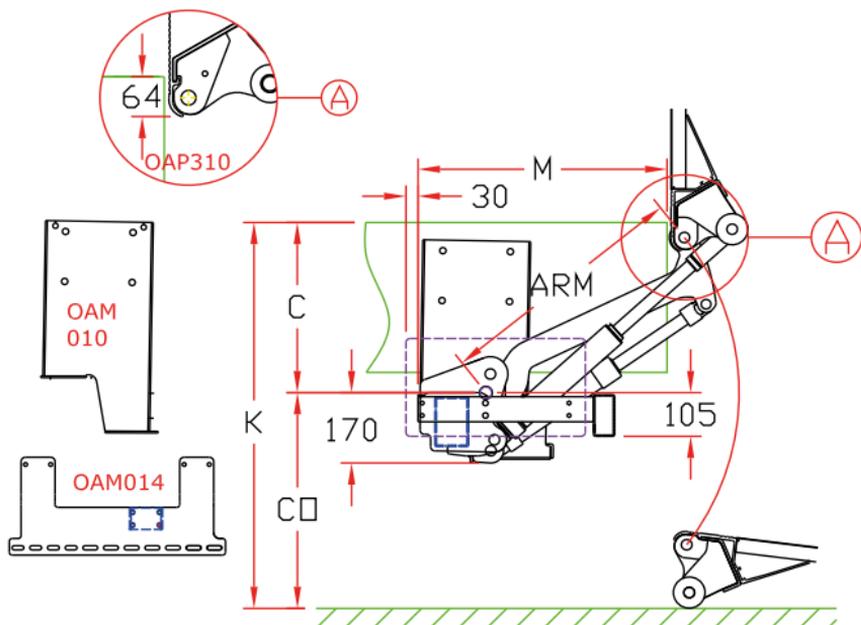
CAP	CG	LM
500 kg	600 mm	3 kNm
750 kg	750 mm	5.6 kNm
1000 kg	750 mm	7.5 kNm

### Weights [see pg. 15]

ALU platform	
1250 mm	205 kg
1450 mm	213 kg
1600 mm	219 kg
1800 mm	229 kg

Weights incl. CE bumper

# Best seller: superior stability and performance



## Fitting dimensions

ARM		650	750	850 (*)
K max.		1080	1220	1370
C max.		530	610	690
C min.		250	300	350
CO max.		550	610	680
M	at C max.	510	570	660
M	at C min.	740	715	910

(\*) 850 arms optional. Preferably use DH-LM.15. Consult DHOLLANDIA for the optimum solution.



## Technical specifications

Lift frame	120 x 120 mm
Cylinders	2 lift cylinders + 2 tilt cylinders
Type of ride [see pg. 8-9]	Wedged platform. Level ride + automatic tilt at ground level
Platform material	Alu or steel (steel = 1000 kg only)
Platform overlap under floor	-64 mm
Standard platform depths	Steel: 1250-1500 mm (max. 1500) Alu: 1250-1450-1600-1800 mm (max. 2000)
Standard platform widths	Steel: 2350-2480-2500-2520-2550 mm Alu: free up to 2550 in steps of 5 mm
Lift arm lengths	650 - 750 - (850) mm
Lift arm widths	510 - 660 - 1200 mm
Standard control unit [see pg. 11]	OAE039.BP
Standard finish of the lift frame	Protection PLUS [OAT102] or Hot-dip zinc plated finish [OAT104]



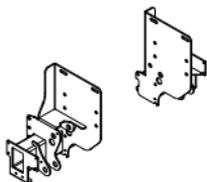
→ Cantilever lift for light commercial vehicles

## DH-LMQ.07 / 10 • 500 - 1000 kg

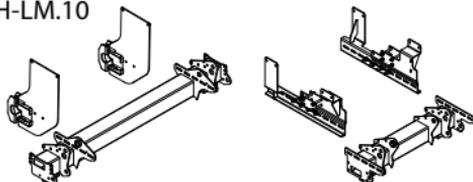


The DH-LMQ.07 (500-750 kg) and DH-LMQ.10 (500-1000 kg) are equipped with premounted mounting plates at a fixed centre distance. This strong 4-cylinder construction without cross tube allows to **save weight** and to leave the **spare wheel in its original position** (in most cases), without compromising on stability.

DH-LMQ



DH-LC.07  
DH-LM.10



### Lift capacity

CAP	CG	LM
500 kg	600 mm	3 kNm
750 kg	750 mm	5.6 kNm
1000 kg (*)	750 mm	7.5 kNm

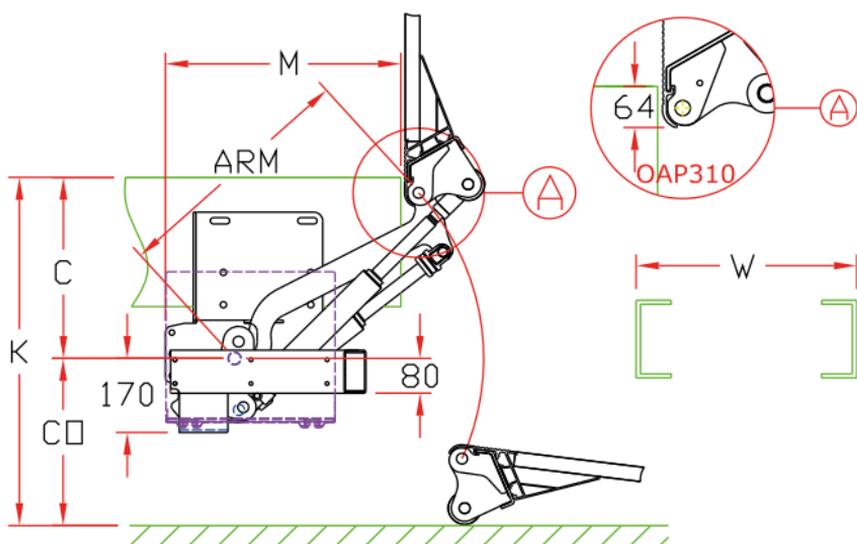
(\*) DH-LMQ.10 only

### Weights [see pg. 15]

LMQ.07		LMQ.10	
1250 mm	180 kg	1250 mm	195 kg
1450 mm	188 kg	1450 mm	203 kg
1600 mm	194 kg	1600 mm	209 kg

Weights incl. CE bumper

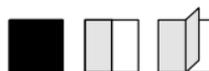
# Light-weight 4-cylinder lift for short overhang



## Fitting dimensions

ARM		570	650	750	850 (*)
		LMQ.07		LMQ.10	
K max.		980	1060	1220	1380
C max.		500	530	610	690
C min.		250	300	300	350
CO max.		480	530	610	690
M	at C max.	450	540	600	660
M	at C min.	650	710	815	905

(\*) 850 arms optional. Preferably use DH-LM.15. Consult DHOLLANDIA for the optimum solution



## Technical specifications

Lift frame	Compact lift frame without cross beam
Cylinders	2 lift cylinders + 2 tilt cylinders
Type of ride [see pg. 8-9]	Wedged platform. Level ride + automatic tilt at ground level
Platform material	Light weight aluminium
Platform overlap under floor	-64 mm
Standard platform depths	LMQ.07: 1250 - 1450 - 1600 max. LMQ.10: 1250 - 1450 - 1600 - 1800 max.
Standard platform widths	Free up to 2550 in steps of 5 mm
Lift arm lengths	LMQ.07: 570 mm LMQ.10: 650 - 750 - 850 mm
Lift arm widths CA	CA=870 W=755 • CA=975 W=860
Standard control unit [see pg. 11]	OAE039.BP
Standard finish of the lift frame	Protection PLUS [OAT102]



→ Cantilever lift for trucks, trailers and semi-trailers

## DH-LM.15 • 1000 - 1500 kg



The DH-LM.15 was launched in 2012 as missing link between the 1000 and 2000 kg capacity lifts. Since then, it has become extremely popular as **ideal weight saving lift for medium capacity trucks** of 7,5T to 12T GVW.

It is considerably lighter and requires less overhang than the DH-LM.20; yet it is stronger and more robust than the DH-LM.10. It is recommended to use the DH-LM.15 instead of DH-LM.10 / LMQ.10 with 850 mm long lift arms and for 1000 kg lifts with platform depth above 1600 mm.

The mounting plates are bolt-on and fully adjustable in width.

### Lift capacity

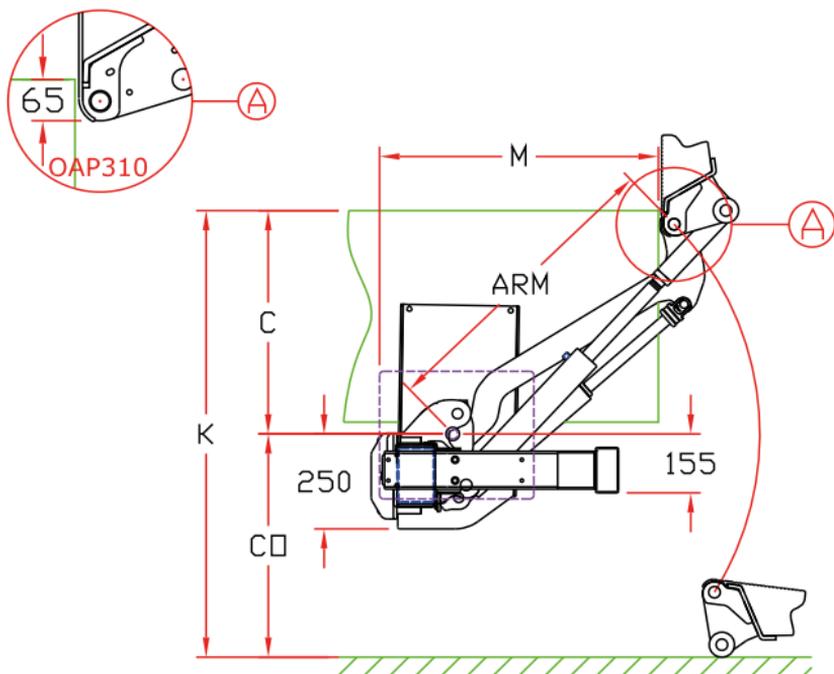
CAP	CG	LM
1000 kg	750 mm	7.5 kNm
1500 kg	750 mm	11.25 kNm

### Weights [see pg. 15]

STEEL platform		ALU platform 1000 kg	
1500 mm	425 kg	1600 mm	295 kg
1750 mm	470 kg	1800 mm	306 kg

Weights incl. CE bumper

# Light weight transition model between LM.10 and LM.20



## Fitting dimensions

ARM		720	800	880	960 (*)
K max.		1190	1295	1400	1460
C max.		605	665	720	750
C min.		300	350	400	450
CO max.		585	630	680	710
M	at C max.	590	650	705	790
M	at C min.	820	885	950	1020

(\*) Arm 960 mm on special request.



## Technical specifications

Lift frame	100 x 150 mm
Cylinders	2 lift cylinders + 2 tilt cylinders
Type of ride [see pg. 8-9]	Wedged platform. Level ride + automatic tilt at ground level
Platform material	Aluminium or steel
Platform overlap under floor	-65 mm
Standard platform depths	Steel: 1500 - 1750 mm (max. 2000) Alu: 1600 - 1800 mm (max. 2000)
Standard platform widths	Steel: 2350 - 2480 - 2500 - 2520 - 2550 mm Alu: free up to 2550 in steps of 5 mm
Lift arm lengths	780 - 800 - 880 mm
Lift arm widths CA	1150-1300 mm (...-2014) 1200 mm (2015-...)
Standard control unit [see pg. 11]	OAE039.BP
Standard finish of the lift frame	Hot-dip zinc plated finish [OAT104]



→ Cantilever lift for trucks, trailers and semi-trailers

## DH-LM.20 • 1500 - 2000 kg



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).

### Lift capacity

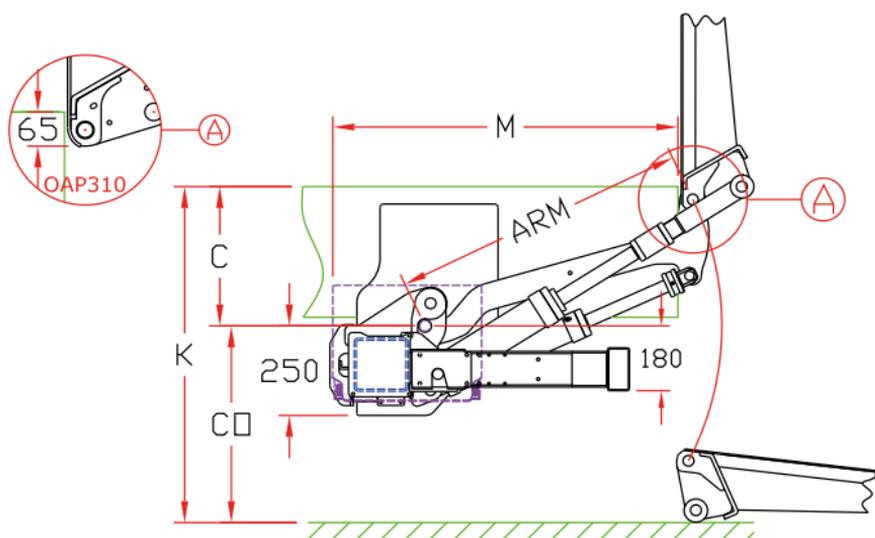
CAP	CG	LM
1500 kg	1000 mm	15 kNm
2000 kg	1000 mm	20 kNm

### Weights [see pg. 15]

STEEL platform		ALU platform	
1500 mm	490 kg	1600 mm	400 kg
1750 mm	540 kg	1800 mm	415 kg
2000 mm	585 kg	2000 mm	430 kg

Weights incl. CE bumper

# Top seller in the medium capacity range



## Fitting dimensions

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

## Technical specifications



Lift frame	150 x 150 mm
Cylinders	2 lift cylinders + 2 tilt cylinders
Type of ride [see pg. 8-9]	Wedged platform. Level ride + automatic tilt at ground level
Platform material	Aluminium or steel
Platform overlap under floor	-65 mm
Standard platform depths	Steel: 1500 - 1750 - 2000 mm (max. 2250) Alu: 1600 - 1800 - 2000 mm (max. 2250)
Standard platform widths	Steel: 2350 - 2480 - 2500 - 2520 - 2550 mm Alu: free up to 2550 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 [see pg. 11]	OAE030.BT
Standard finish of the lift frame	Hot-dip zinc plated finish [OAT104]



→ Cantilever lift for trucks, trailers and semi-trailers

## DH-LCZ / LMZ • 500 - 1500 kg

❶



The cantilever lifts DH-LC.07, DH-LM.10 and DH-LM.15 are available with **half width** or **partial width** platform ❶, or with **foldable platforms** ❷.

These platforms keep one of the rear doors of the vehicle body free, offering quick and unobstructed access to the cargo space at all times.

❶



### Lift capacity

CAP	CG	LM
500 kg	600 mm	3 kNm
750 kg	750 mm	5.6 kNm
1000 kg	750 mm	7.5 kNm
1500 kg	750 mm	11.25 kNm

# Occasional use, quick access to the vehicle cargo space



## Fitting dimensions

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The lifts with partial width platforms or foldable platforms are custom made in function of the specific dimensions of the vehicle and body.

Contact the study department of **DHOLLANDIA** for detailed information.



→ Cantilever lift for trucks, trailers and semi-trailers

## DH-LM.30 • 1500 - 3000 kg



The cantilever lift DH-LM.30 is a **powerful lift** for intensive, heavy duty tasks and “hostile environment” circumstances. It is ideal for the most demanding applications in the regular transport business, such as **supermarket & food distribution**.

The robust frame with reinforced articulation pins and larger cylinders is primarily designed for lift capacities of 2500 to 3000 kg, but is also available as upgraded 1500-2000 kg version.

The DH-LM.30 can be equipped with very long platforms (3000 mm long and even longer foldable platforms), hence it can easily form the rear closure of the vehicle body. The **DH-LMR** launched in 2014, is a quick-fit system with bolt-on clamps for trailer and semi-trailer chassis.

### Lift capacity

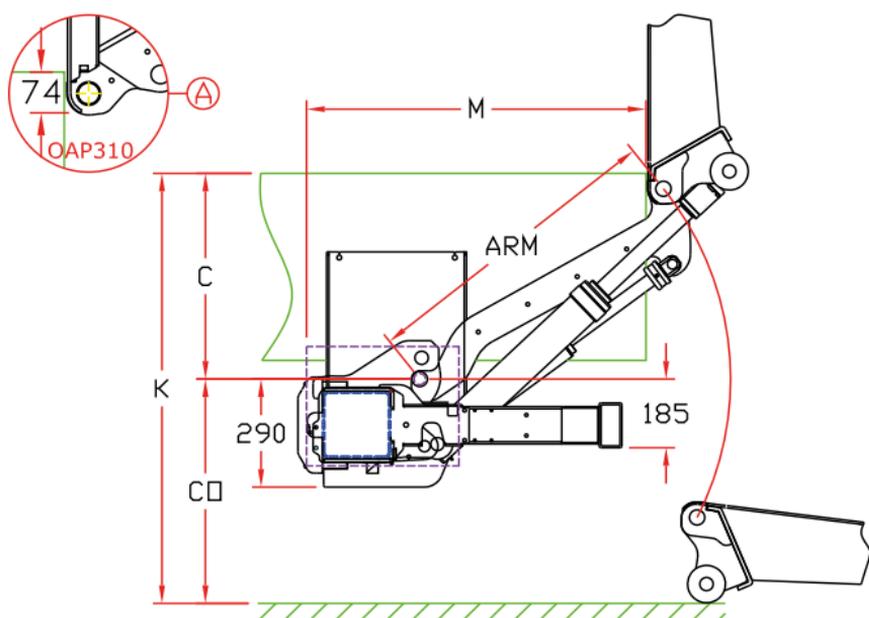
CAP	CG	LM
1500 kg	1000 mm	15 kNm
2000 kg	1000 mm	20 kNm
2500 kg	1000 mm	25 kNm
3000 kg	1000 mm	30 kNm

### Weights [see pg. 15]

STEEL platform		ALU platform	
1750 mm	590 kg	1800 mm	480 kg
2000 mm	640 kg	2000 mm	495 kg

Weights incl. CE bumper

# Powerful, robust lift for the intensive distribution



## Fitting dimensions

ARM		820	880	940	1000	1100	1200
K max.		1330	1420	1500	1590	1730	1870
C max.		680	730	780	820	900	980
C min.		300	300	350	400	450	500
CO max.		650	690	720	770	830	890
M	at C max.	770	800	835	880	940	1000
M	At C min.	1030	1095	1140	1190	1275	1365



## Technical specifications

Lift frame	180 x 180 mm
Cylinders	2 lift cylinders + 2 tilt cylinders
Type of ride [see pg. 8-9]	Wedged platform. Level ride + automatic tilt at ground level
Platform material	Aluminium or steel
Platform overlap under floor	-74 mm
Standard platform depths	Steel: 1750 - 2000 mm (folding: max. 4500) Alu: 1800 - 2000 mm (folding: max. 4500)
Standard platform widths	Steel: 2350 - 2480 - 2500 - 2520 - 2550 mm Alu: free up to 2550 in steps of 5 mm
Lift arm lengths	820 - 880 - 940 - 1000 - 1100 - 1200 mm
Lift arm widths	800 - 1150 - 1300 - 1550 mm (...-2014) 800 - 1200 - 1300 - 1550 mm (2015-...)
Standard control unit [see pg. 11]	OAE030.BT
Standard finish of the lift frame	Hot-dip zinc plated finish [OAT104]



→ Cantilever lift for trucks, trailers and semi-trailers

## DH-LSU.40 • 3000 - 4000 kg



The DH-LSU.40 is a powerful lift for **heavy loads positioned at an unfavourable 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 3000mm; 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.

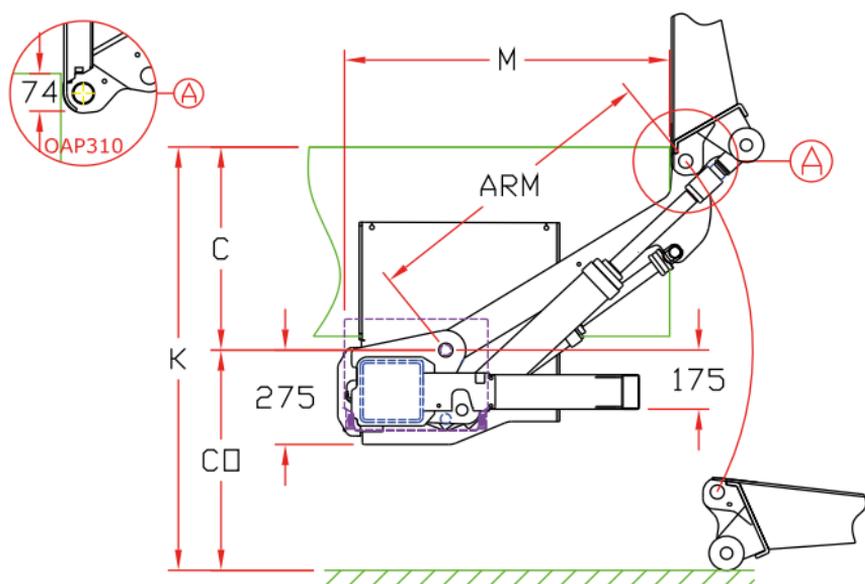
### Lift capacity

CAP	CG	LM
3000 kg	1000 mm	30 kNm
3500 kg	1000 mm	35 kNm
4000 kg	1000 mm	40 kNm

### Weights [see pg. 15]

STEEL platform	
2000 mm	710 kg
Weights incl. CE bumper	

# For car transport and other heavy sizeable loads



## Fitting dimensions

ARM		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

## Technical specifications



Lift frame	180 x 180 mm
Cylinders	2 lift cylinders + 2 tilt cylinders
Type of ride [see pg. 8-9]	Wedged platform. Level ride + automatic tilt at ground level
Platform material	Steel or aluminium (alu = max. 3000 kg)
Platform overlap under floor	-74 mm
Standard platform depths	2000 mm (max. 4500)
Standard platform widths	Steel: 2350 - 2480 - 2500 - 2520 - 2550 mm Alu: free up to 2550 in steps of 5 mm
Lift arm lengths	820 - 880 - 940 - 1000 - 1200 mm
Lift arm widths	800 - 1150 - 1300 - 1550 mm
Standard control unit [see pg. 11]	OAE030.BT
Standard finish of the lift frame	Protection PLUS [OAT102]



→ Cantilever lift for trucks, trailers and semi-trailers

## DH-LSU.60 • 4000 - 6000 kg



The heavy duty lift DH-LSU.60 is designed for **extreme lift capacities from 4,000 to 6,000 kg** and is mainly used for the transport of heavy machinery, forklifts, agricultural tractors etc...

The steel platform can be extended to form the rear closure of the vehicle body and can be modified so that it can be inclined in ramp position (option OAH027).

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.

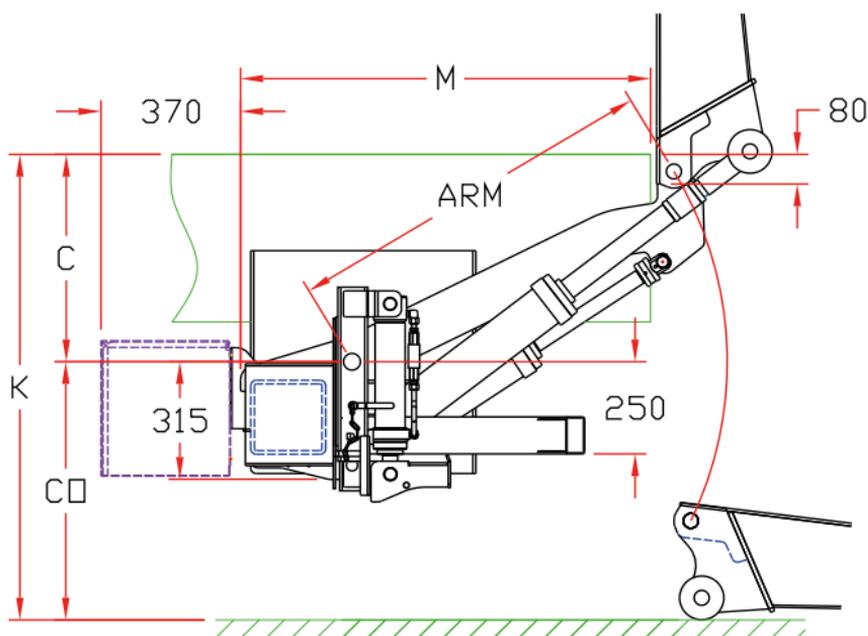
### Lift capacity

CAP	CG	LM
4000 kg	1000 mm	40 kNm
5000 kg	1000 mm	50 kNm
6000 kg	1000 mm	60 kNm

### Weights [see pg. 15]

STEEL platform	
2000 mm	1130 kg
Weights incl. CE bumper	

# Beyond competition: extreme lift capacities to 6T



## Fitting dimensions

ARM		1000
K max.		1610
C max.		775
C min.		200
CO max.		835
M	at C max.	920 (+375) (*)
M	at C min.	1225 (+375) (*)

(\*) incl. power pack fitted centrally at the front of the lift frame

## Technical specifications



Lift frame	200 x 200 mm
Cylinders	2 lift cylinders + 2 tilt cylinders
Type of ride [see pg. 8-9]	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)
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 [see pg. 11]	OAE030.BT
Standard finish of the lift frame	Protection PLUS [OAT102]



→ Cantilever lift for trucks, trailers and semi-trailers

## DH-LSU.90 • 7500 - 9000 kg



The heavy duty lift DH-LSU.90 is designed for **extreme lift capacities from 7,500 to 9,000 kg** and is mainly used for the transport of heavy machinery, forklifts, agricultural tractors etc...

The steel platform can be extended to form the rear closure of the vehicle body and can be modified so that it can be inclined in ramp position (option OAH027).

Hydraulic stabilising legs are standard on the DH-LSU.90. It is important to have the chassis sufficiently reinforced for the mounting of this type of tail lift.

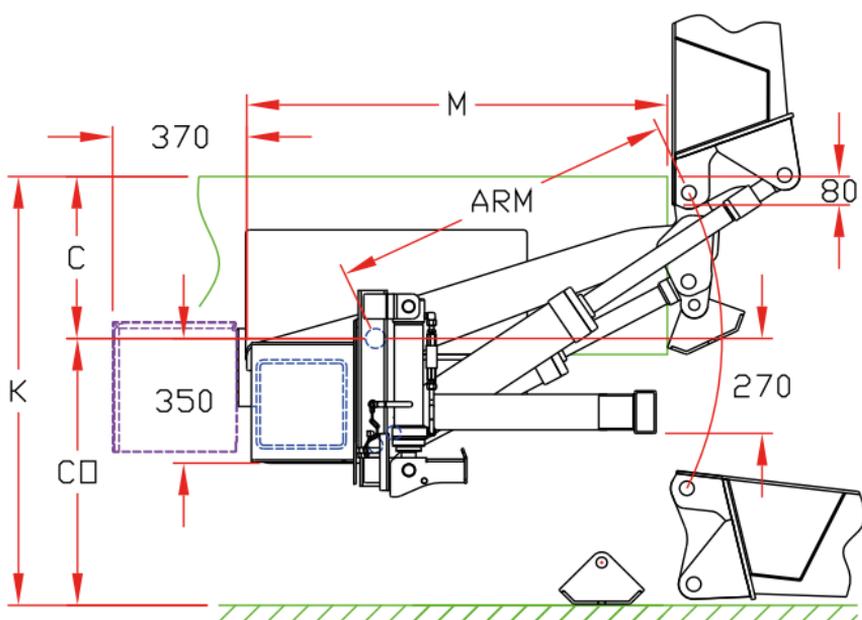
### Lift capacity

CAP	CG	LM
7500 kg	1000 mm	75 kNm
9000 kg	1000 mm	90 kNm

### Weights [see pg. 15]

STEEL platform	
2000 mm	1500 kg
Weights incl. CE bumper	

# The absolute top: extreme lift capacities up to 9T



## Fitting dimensions

ARM		960
K max.		1460
C max.		625
C min.		200
CO max.		835
M	at C max.	1065 (+370) (*)
M	at C min.	1260 (+370) (*)

(\*) incl. power pack fitted centrally at the front of the lift frame

## Technical specifications



Lift frame	250 x 250 mm
Cylinders	2 lift cylinders + 2 tilt cylinders
Type of ride [see pg. 8-9]	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)
Standard platform widths	Steel: 2350 - 2480 - 2500 - 2520 - 2550 mm
Lift arm lengths	960 mm
Lift arm widths	1200 - 1400 - 1600 mm
Standard control unit [see pg. 11]	OAE030.BT
Standard finish of the lift frame	Protection PLUS [OAT102]



→ Cantilever lift for short overhang

## DH-LSP4.10 • 500 - 1000 kg



The DH-LSP4 is equipped with a compact lift frame and **very short lift arms**.

It is ideal for bespoke fitting situations where the standard models DH-LC.07, DH-LM.10 or DH-LMQ.07 / 10 cannot be used. Mostly, this is for commercial vehicles with insufficient overhang behind the mudguard, or behind the spring hangers of the mechanical vehicle suspension.

The 4-cylinder construction guarantees optimal platform stability in longitudinal and lateral direction.

### Lift capacity

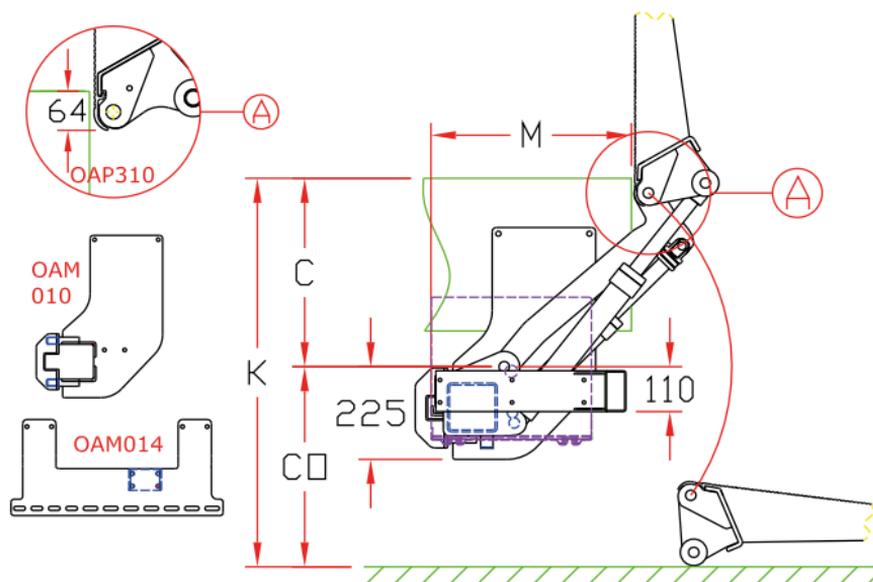
CAP	CG	LM
500 kg	600 mm	3 kNm
750 kg	750 mm	5.6 kNm
1000 kg	750 mm	7.5 kNm

### Weights [see pg. 15]

ALU platform	
1250 mm	210 kg
1450 mm	218 kg
1600 mm	224 kg
1800 mm	234 kg

Weights incl. CE bumper

# Adapted for very short overhangs



## Fitting dimensions

ARM		550
K max.		920
C max.		465
C min.		200
CO max.		455
M	at C max.	480
M	at C min.	660

## Technical specifications



Lift frame	120 x 120 mm
Cylinders	2 lift cylinders + 2 tilt cylinders
Type of ride [see pg. 8-9]	Wedged platform. Level ride + automatic tilt at ground level
Platform material	Aluminium
Platform overlap under floor	-64 mm
Standard platform depths	Alu: 1250-1450-1600-1800 mm (max. 2000)
Standard platform widths	Alu: Free up to 2550 in steps of 5 mm
Lift arm lengths	550 mm
Lift arm widths	510 - 1200 - 1450 mm
Standard control unit [see pg. 11]	OAE039.BP
Standard finish of the lift frame	Protection PLUS [OAT102]



→ Cantilever lift for short overhang

## DH-LMP.20 • 1500 - 2000 kg



The DH-LMP.20 is equipped with a **compact lift frame**, that requires 100 mm less overhang than the standard model DH-LM.20. It is specially adapted to suit trucks, trailers and semi-trailers with a **very short overhang** behind the rear axle or the spring hangers on the vehicle chassis (e.g. military trucks, city-trailers with rear steering axle,...)

This compact 4-cylinder lift is available with reinforced steel platforms or light-weight aluminium platforms up to 2250 mm.

### Lift capacity

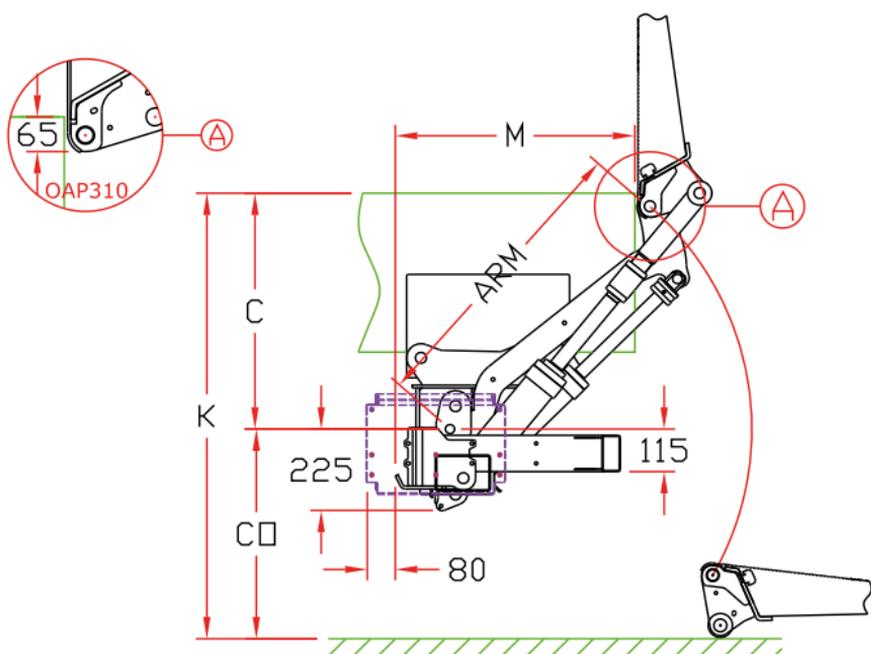
CAP	CG	LM
1500 kg	750 mm	11.25 kNm
2000 kg	750 mm	15 kNm

### Weights [see pg. 15]

STEEL platform		ALU platform	
1500 mm	490 kg	1600 mm	400 kg
1750 mm	540 kg	1800 mm	415 kg
2000 mm	585 kg	2000 mm	430 kg

Weights incl. CE bumper

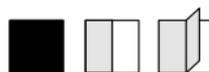
# Cantilever lift for short overhangs



## Fitting dimensions

ARM		820	880	940	1000	1100
K max.		1305	1390	1490	1560	1725
C max.		675	720	770	815	895
C min.		300	350	400	400	450
CO max.		630	670	720	745	830
M	at C max.	630	670	700	740	800
M	at C min.	890	935	980	1050	1130

## Technical specifications



Lift frame	Compact frame for very short overhang
Cylinders	2 lift cylinders + 2 tilt cylinders
Type of ride [see pg. 8-9]	Wedged platform. Level ride + automatic tilt at ground level
Platform material	Aluminium or steel
Platform overlap under floor	-65 mm
Standard platform depths	Steel: 1500 - 1750 - 2000 mm (max. 2100) Alu: 1600 - 1800 - 2000 mm (max. 2100)
Standard platform widths	Steel: 2350 - 2480 - 2500 - 2520 - 2550 mm Alu: free up to 2550 in steps of 5 mm
Lift arm lengths	820 - 880 - 940 - 1000 - 1100 mm
Lift arm widths	1150 - 1300 - 1550 mm
Standard control unit [see pg. 11]	OAE030.BT
Standard finish of the lift frame	Protection PLUS [OAT102]



→ Cantilever lift for trucks with trailer coupling

## DH-LV.40 • 1500 - 4000 kg



The **DH-LV** is designed for **trucks with a draw bar coupling** mounted below the vehicle chassis, to function in combination with a **centre-axle trailer**.

It is equipped with an **articulated bumper bar**, that can be lowered to legal bumper height when the truck drives **SOLO** and can be lifted out of way when the trailer is **COUPLED** to the truck. The **DH-LV** allows the operator to load / unload the truck without uncoupling the trailer.

### Lift capacity

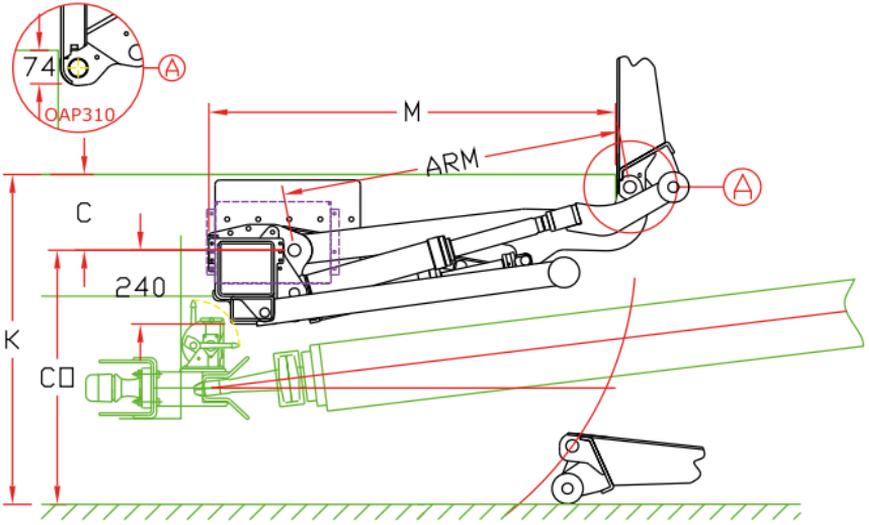
CAP	CG	LM
1500 kg	1000 mm	15 kNm
2000 kg	1000 mm	20 kNm
2500 kg	1000 mm	25 kNm
3000 kg	1000 mm	30 kNm
3500 kg	1000 mm	35 kNm
4000 kg	1000 mm	40 kNm

### Weights [see pg. 15]

STEEL platform		ALU platform	
1750 mm	655 kg	1800 mm	535 kg
2000 mm	700 kg	2000 mm	550 kg

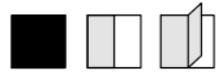
Weights incl. CE bumper

# For truck-trailer combinations with draw bar



## Fitting dimensions

ARM		1100
K max.		1660
C max.		730
C min.		150
CO max.		930
M	at C max.	1090
M	at C min.	1330



## Technical specifications

Lift frame	Custom made frame mounted between chassis & coupling
Cylinders	2 lift cylinders + 2 tilt cylinders
Type of ride [see pg. 8-9]	Wedged platform. Level ride + automatic tilt at ground level
Platform material	Aluminium or steel (alu = max. 3000 kg)
Platform overlap under floor	-74 mm
Standard platform depths	Steel: 1750 - 2000 mm (max. 4500) Alu: 1800 - 2000 mm (max. 4500)
Standard platform widths	Steel: 2350 - 2480 - 2500 - 2520 - 2550 mm Alu: free up to 2550 in steps of 5 mm
Lift arm lengths	1100 mm
Lift arm widths	1300 mm (other on request)
Standard control unit [see pg. 11]	OAE030.BT
Standard finish of the lift frame	Hot-dip zinc plated finish [OAT104]

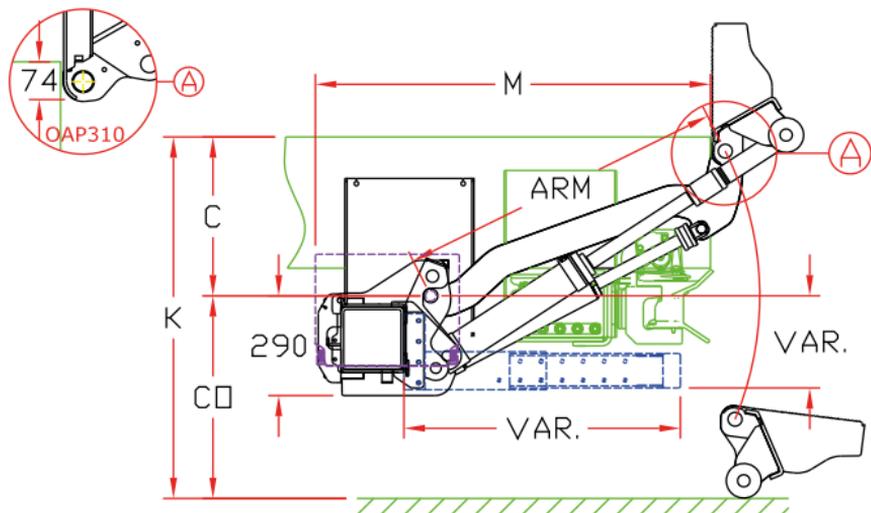


→ Cantilever lift for trucks with trailer coupling

## DH-LM.30 + option OAU001



The DH-LM.30 with option OAU001 foresees in a **3-piece bumper bar that is adjustable in height and in length**. Hence it is suitable for trailer couplings mounted under the truck chassis, completely at the rear of the chassis beams. This configuration is most common in Scandinavia / Sweden. OAU001 is equipped with double acting tilt cylinders.

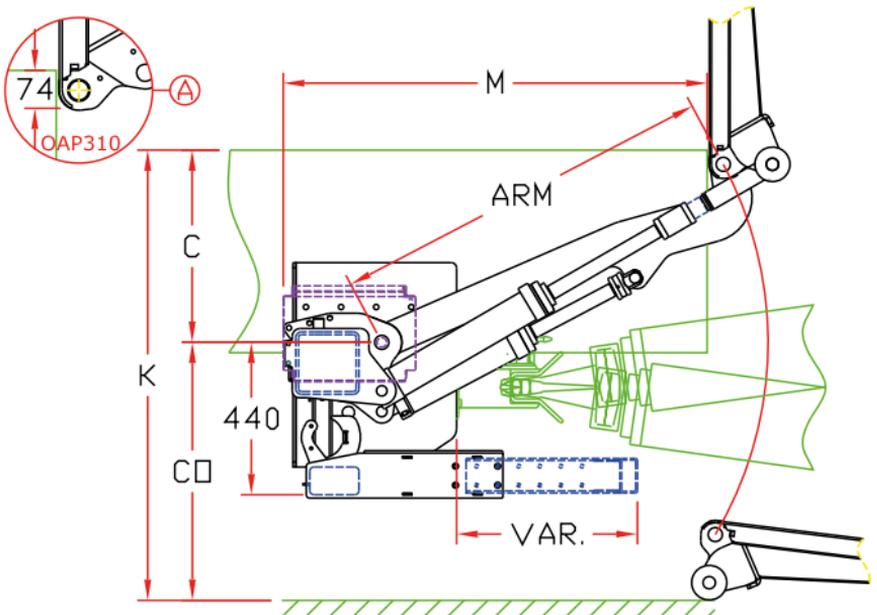


# Solutions for other coupling positions

## DH-LV + option OAU002



**OAU002** is a special execution of the DH-LV.40, specially adapted for trailer couplings mounted under the truck chassis, but approx. 1 m in front of the rear of the vehicle body. This configuration is popular in Finland. The (yellow) mounting plates of the lift wrap around the mounting plates of the trailer coupling.





## **DH-KA.20** **Option** **OAU003**

750 - 2000 kg  
Special adaption for  
tipper vehicles



## **Option** **OAP403.1**

Horizontally foldable  
platform for reduced  
wind resistance  
and increased fuel  
efficiency



## **Option** **OAP018.1**

Platform in hot-dip  
galvanised meshed  
steel for reduced  
wind resistance  
and increased fuel  
efficiency



# Special constructions on demand



## Option OAP406

Vertically folding platform for long objects protruding beyond the rear of the vehicle body



## Option OAP504

1500-3000 kg  
DH-LMI platform with preparation for insulated panel, for refrigerated bodies



## DH-LK.15

1250 - 1500 kg  
Flat platform, ideal for roll cages and top-heavy loads (e.g. gas bottles)

[www.dhollandia.com](http://www.dhollandia.com)



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