

**MBB PALFINGER**



PRODUCT RANGE

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Reknown for quality  
and innovation



As market leader, we continually introduce new innovative models and update existing products to ensure the safe transportation and delivery of goods.

## Manufactured in-house



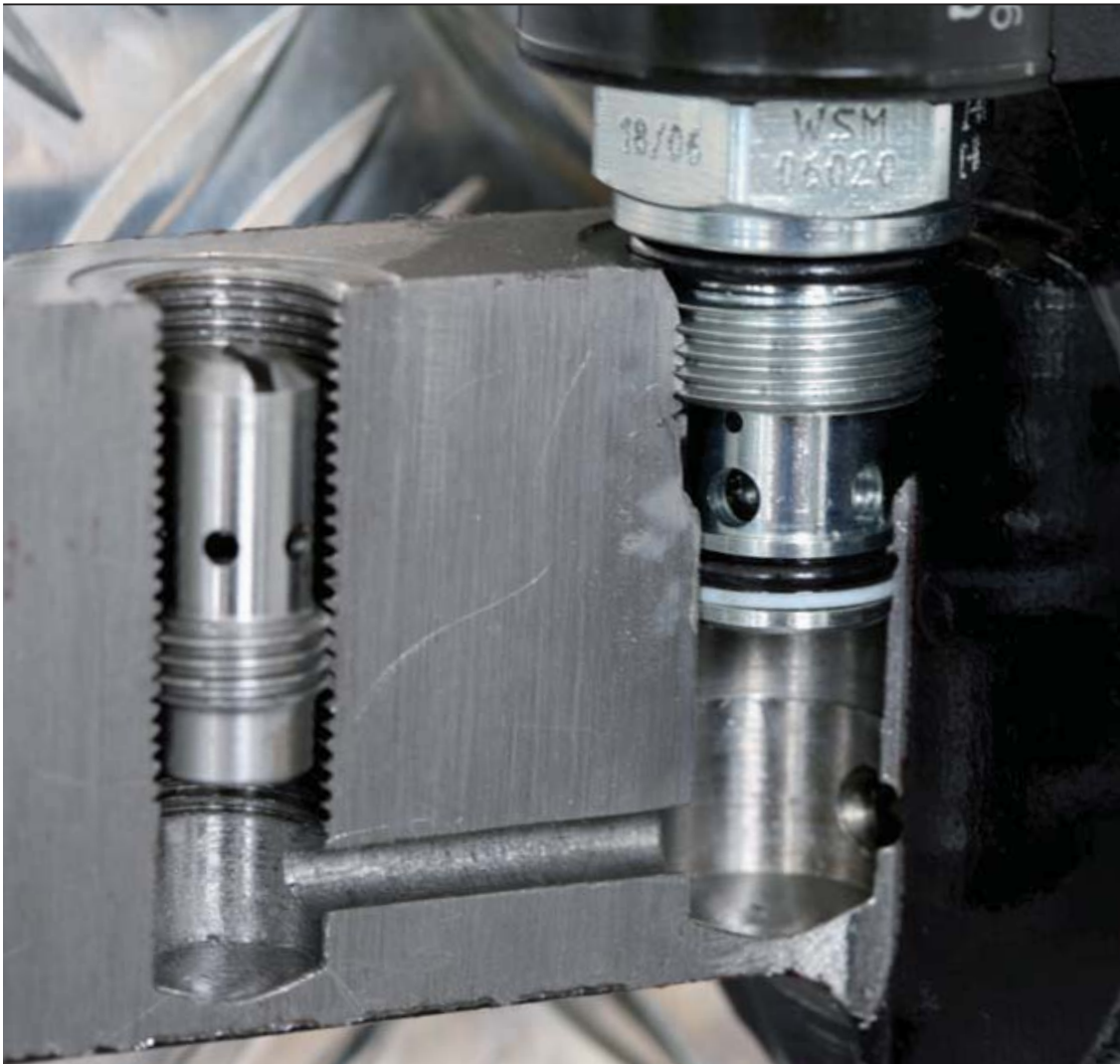
The hydraulic cylinder is one of the most important parts of a tail lift. That's why we only trust one supplier - **ourselves**! We manufacture around 65,000 cylinders per annum to meet demand.

Powerful, reliable ...



Power opening and power closure using dual-acting hydraulic cylinders. Therefore not relying on spring force or gravity alone – so the platform opens and shuts easily even on the steepest of inclines.

...and safe!



Every cylinder is fitted with flow control valves which safely control the descent of a fully loaded platform, even in the event of a burst hose in the hydraulic circuit.

## A good greasing...



Our chromium-free pivot pins are solid and not weakened by lubrication holes. 12 grease nipples for the bearings are located on the exterior of the cylinder ends to ensure direct delivery of grease to the bearings.

...for smooth operation!



A series of lubrication holes evenly distributed guarantee an equal application of grease.

## Easy to maintain



The power pack is housed in the main beam, out of harms way, and is easily pulled out for inspection and maintenance. In addition, noise from the hydraulic pump is greatly reduced when the lift is being used in residential areas or at night.

## 'Intelligent' foot controls



Our 'Intelligent' foot controls are able to distinguish between contact with the operator's foot and the load! Should goods be resting on the foot controls the lift remains static.

# Controls for all applications

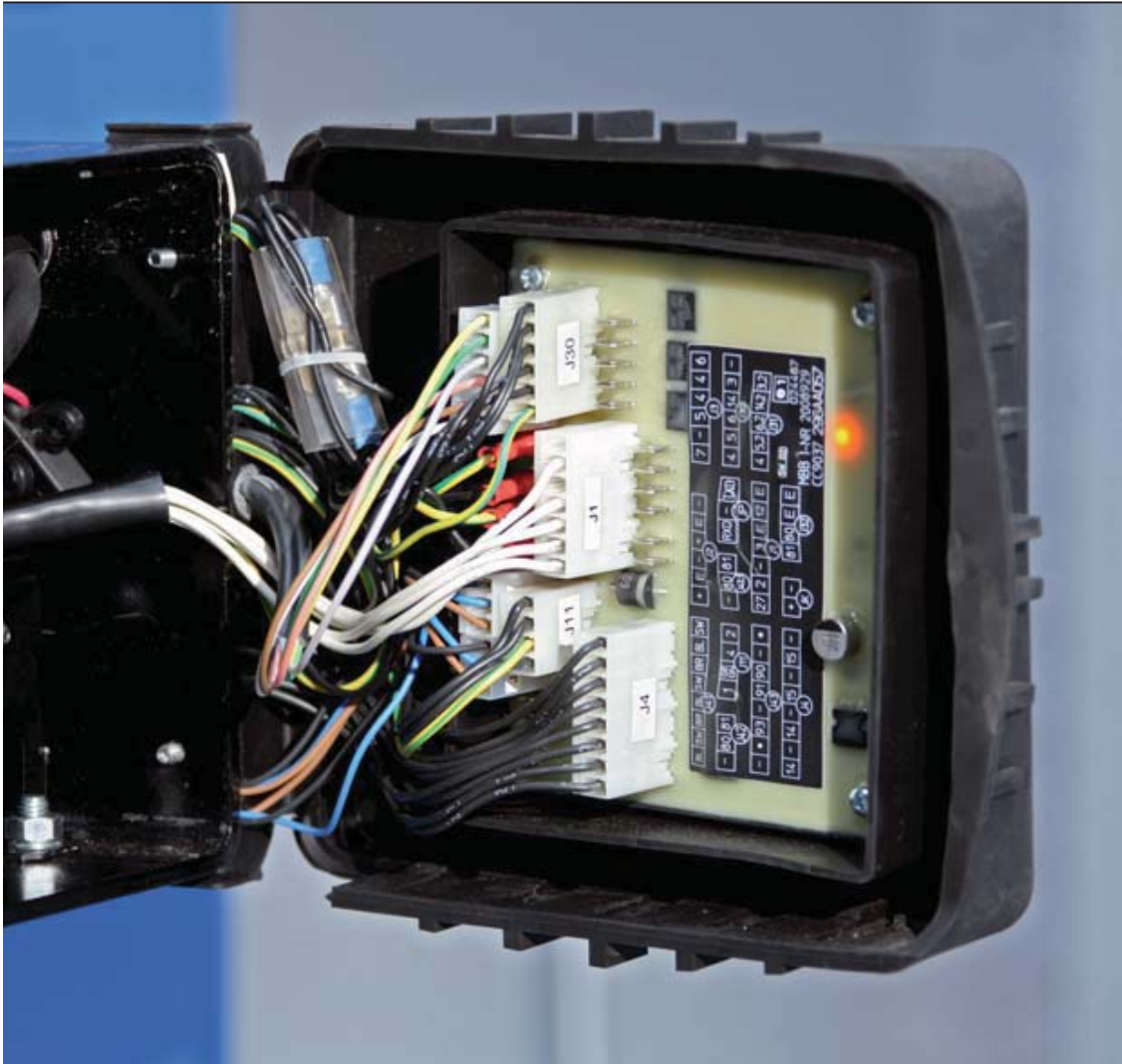


We offer a range of tail lift controls to suit your individual requirements. We've two-handed external controls, internally mounted controls, wanderlead controls, platform-mounted foot controls and wireless remote controls.

## 24-hour operation

The ergonomic control box has translucent instructions lit by an interior light making it possible to operate the lift safely 24/7 – even in the dark!

## K-plus: Speedy diagnostic fault finding

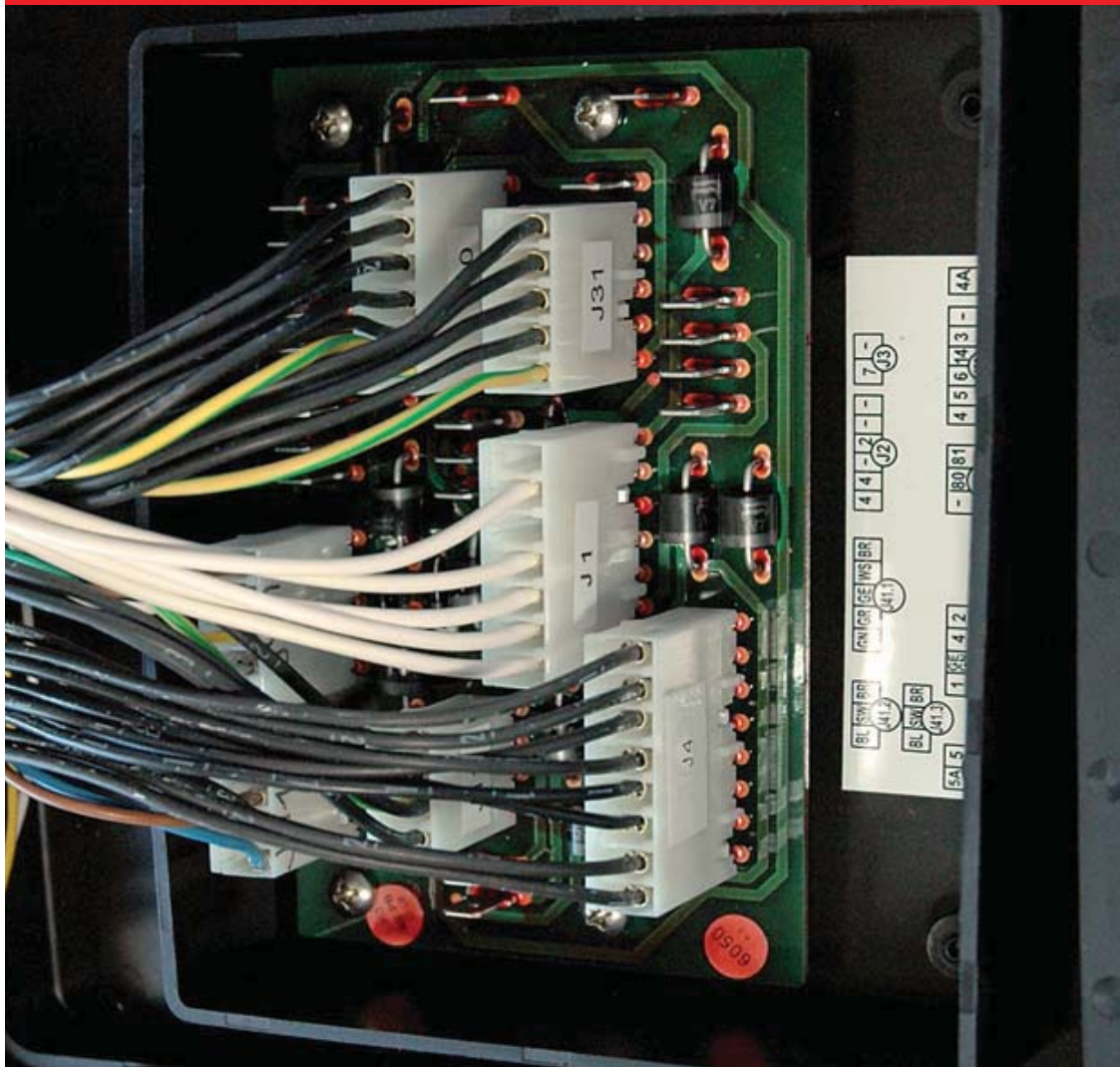


### Different control systems for different applications

- *K-plus*  
Fully electronic with sensor control with electronic memory functions
- *K1-plus*  
Electronic sensor control

In the event of a lift or component failure, the diagnostic software featured in *K-plus* and *K1-plus*, enables the service engineer to rapidly identify the problem reducing lift downtime and repair costs.

## K-basic: Simple control system



### **K-basic**

- No electronic components
- Easy to install
- Low maintenance
- Same connector assignment as for K-plus control
- User-friendly ergonomic design
- Optional: sealed pc-board + ground tilting

## For your safety: LED warning lights



Using the latest LED technology (EN 1756-1) our platform-mounted flashing warning lights operate when the lift is being used, ensuring the lift is fully visible at all times from the rear and from the side, providing additional safety.

## Restart battery protectors prevent battery failures



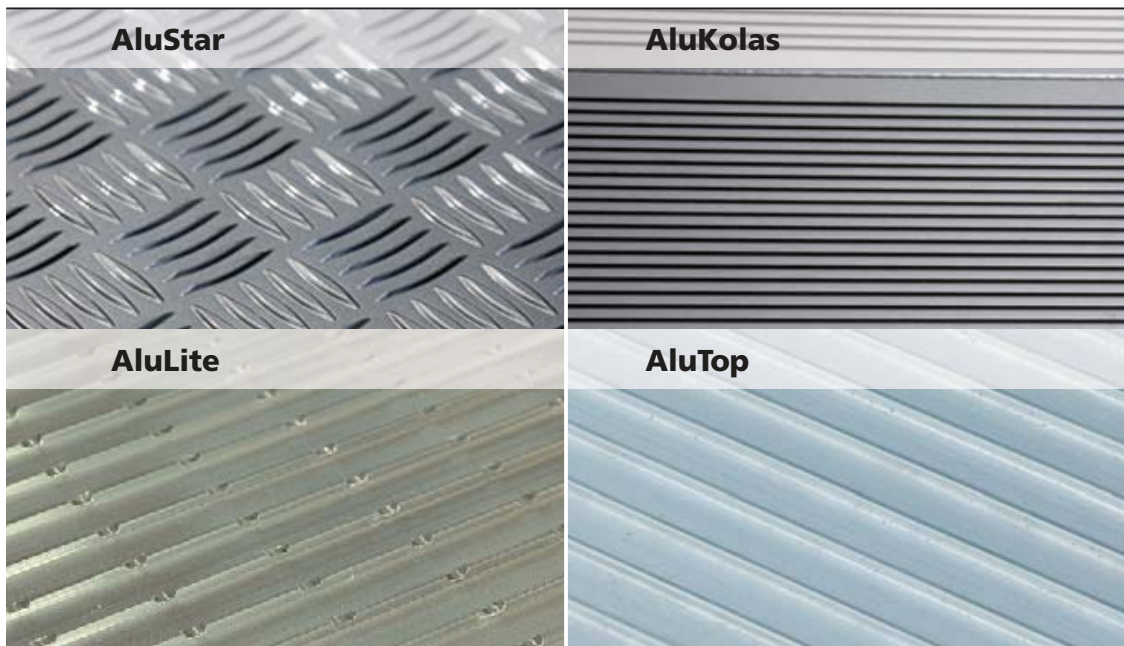
### **Smart restart battery protectors help save money!**

Restart battery protectors are useful accessories enhancing the delivery program of MBB PALFINGER tail lifts. The patented system can be retrofitted at any time and easily connects to the control board. Fitting a restart protector in the power pack avoids a flat battery due to heavy use of the tail lift. The system cuts out early enough to ensure that there is sufficient power remaining to restart the engine and then recharge the battery. You can resume your journey without anybody's help, without spare batteries and – what is more – without additional costs.

### **Your advantages**

- Audible warning protects against flat battery
- Reduced life cycle costs due to low battery wear
- For *K-plus*, *K1-plus* and *K-basic* controls
- Can be retrofitted at any time
- Available for 12 V and 24 V systems

# Safe platform surfaces



## **AluStar – the most versatile platform**

The clever design of the AluStar treadplate surface assists in preventing slipping in all directions.

## **AluKolas – latest platform technology**

AluKolas is market leader in the innovative production of an aluminium platform. Using a unique hybrid plasma welding process, the sections are neatly welded with minimum heat to attain exceptional robustness without warping the platform (top right picture).

## **AluLite**

AluLite is the perfect platform for 750 M / 1000 AQ / 1000 K and 1500 KL tail lifts. With its longitudinal profiles it ensures high stability and low weight. Additionally, it is provided with a well-proven head section connection. The optional platform roll stops are identical\* to those of AluStar/AluKolas platforms. On request, the platform is available with a transversely milled anti-slip surface (see picture).

\* not for version 750

## **AluTop**

AluTop is the heavy-duty platform fitted to 1500 K to 3000 K tail lifts. 2 tunnels on its back ensure maximum stability. Due to its transverse profiles the platform surface is exceptionally slip-resistant.

## AluStar – a well-proven classic



AluStar is the most versatile aluminium platform on the market. Since it is not of modular build we can meet customer requirements by cutting the platform to the required width and depth to suit individual applications. Side ramps can also be added if required.

## Keeping your load safe



Our platform roll stops are simple to operate, robust and reliable, protecting your load whilst travelling on the platform. And what's more - they can be retrofitted! (except for AluLite 750 kg)

## Improved safety – reduced noise



The optional synthetic coating applied to all our platforms is unparalleled!

The multi-step process thoroughly prepares the platform to bond to the rubberised coating which cushions noise made during the loading and unloading operations, as well as providing an excellent anti-slip surface for improved operator safety.

Reducing the noise emission is especially important when loading and unloading goods at night in residential areas. Many MBB PALFINGER tail lifts already comply with the strict noise standard specified in the Dutch "PIEK" norm.

# Robust, KTL protected steel platforms



Nobody wants a product prone to rust and corrosion – and neither do we! That's why we coat our steel platforms with KTL protection as standard. The protective layer minimises the consequences of stone chip damage and prevents spreading rust. Our KTL coating has been subjected to a Salt-spray test:

**1000 hours in compliance with EN ISO 12 944-2 CSM**

## **With choice of finishes**

Choose from a robust steel treadplate platform with raised 'studs' that reduce the risk of slipping or a smooth steel surface finished with a synthetic anti-slip coating.

## KTL protected prevents rust and corrosion



Our lifting mechanisms are also protected with KTL layer as standard. This minimises the consequences of stone chip damage and prevents spreading rust. The KTL coating has been subjected to a Salt-spray test:

**1000 hours in compliance with EN ISO 12 944-2 CSM**

## Powder coating for harsh working conditions



In addition to the high-quality KTL protection, customers may also choose to have the lift polyester powder coated – layer thickness of at least 100 µm. (RAL colours available). The powder coating is approved for usage in the food distribution process. It has also undergone a Salt-spray test.

**1400 hours in compliance with EN ISO 12 944-2 CSM**

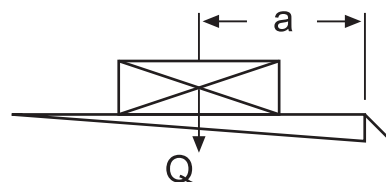
## 500 minifix



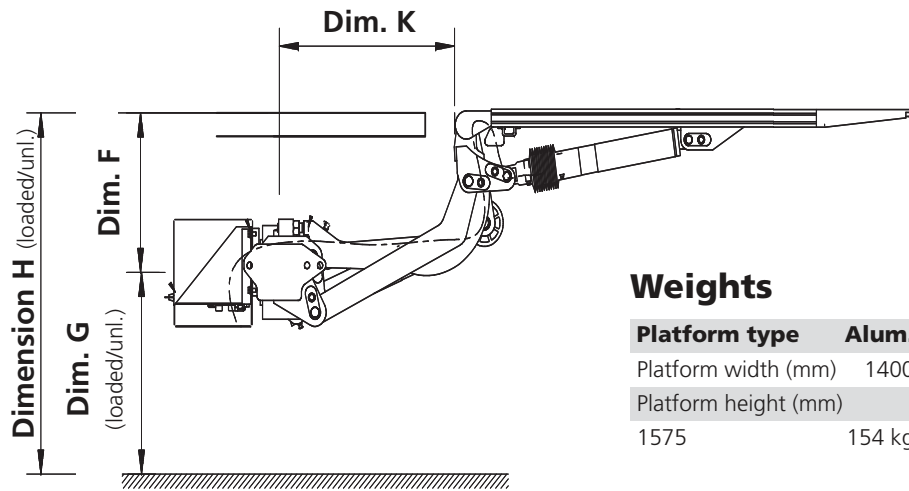
The 500 minifix has been specifically designed for factory built panel vans and fits virtually all models. It is probably the lightest model on the market weighing only 156 kg yet lifting a full 500 kg. The lift features one open and close tilting cylinder. This special arrangement of the cylinders permits a very shallow installation. Delivered pre-wired with individual van-specific mounting brackets to permit easy fitting, without any body modifications required. The lifting device is prepared in factory for optional assembly of a removable ball-head coupling. An 800 mm half-width platform is also available, giving free access to the rear door.

### Diagram

a (mm)	Q (kg)
600	500
700	430
820	360
1120	260



# The perfect solution for vans



## Weights

Platform type	Alum.
Platform width (mm)	1400
Platform height (mm)	1575
	154 kg

## Dimensions

	500 minifix
<b>Lift arms (in mm)</b>	<b>500</b>
H (max.) Loading height unloaded	780
H (min.) Loading height loaded	450
F (max.) Middle of main beam to upper edge of loading floor	340
K (min.) At dimension F (max.)	546
D (min.) Installation space (min.)	729
F (min.)	-
K (max.) At dimension F (min.)	-
D (max.) Installation space (max.)	-

## Technical data

Lifting capacity	500 kg
Main beam	110 x 110 mm
Lifting gear hydraulics	1 x lift cylinder / 1 x tilt cylinder
Platform overlap with floor	-
Lift arm pitch	600 mm
Load centre - lengthwise	600 mm
Load centre - across center	50 % of the full load on one side
Inclination angle of the platform	+90° to -10°

## This tail lift will fit on the following vans

- Citroen Jumper (Relay)
- Fiat Ducato
- Ford Transit
- Iveco Daily
- Mercedes-Benz Sprinter 3/5
- Nissan Interstar & Primastar
- Opel Movano & Vivaro
- Peugeot Boxer
- Renault Master & Trafic
- Volkswagen Crafter 30/35/50
- further vehicle types on request

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

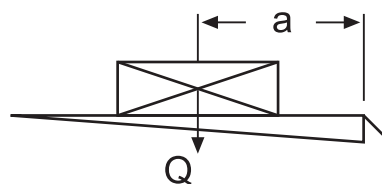
## 500 / 750 K 1T L/R



Tailor-made platform widths to suit individual body specifications, where access to the rear of the vehicle is required without lowering the tail lift platform. Particularly ideal for refrigerated vehicles allowing clear entry through one door which may be fitted centrally or to the near or offside.

The platform may be made wider with a foldout lengthways extension if required, thus giving maximum platform width whilst retaining minimum stowage area.

### Diagram



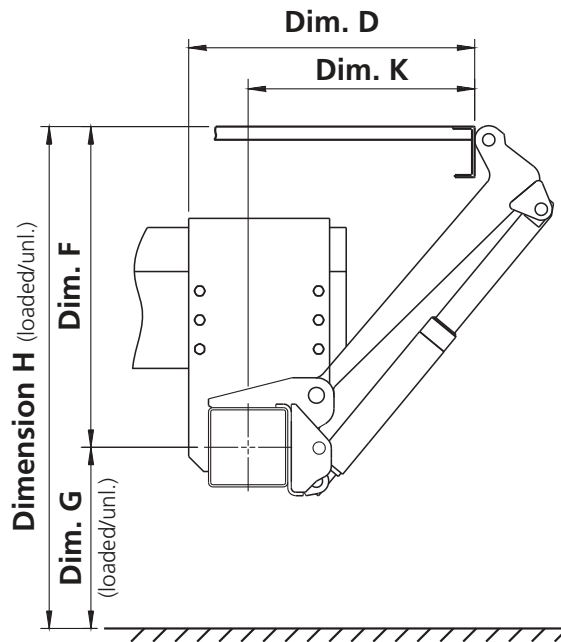
#### 500 K 1T L/R

a (mm)	Q (kg)
600	500
700	430
820	360
1120	260

#### 750 K 1T L/R

a (mm)	Q (kg)
600	750
700	650
820	550
1120	400

# Partial width platforms for special applications



## Weights

Platform type	Alum.
Platform width (mm)	1000
Platform height (mm)	
1450	202 kg
1550	204 kg
1600	205 kg
1825	209 kg

## Dimensions

		500 / 750 K 1T L/R	
Lift arms (in mm)		600	700
H (max.)	Loading height unloaded	1120	1263
H (min.)	Loading height loaded	710	759
F (max.)	Middle of main beam to upper edge of loading floor	620	703
K (min.)	At dimension F (max.)	417	473
D (min.)	Installation space (min.)	532	588
F (min.)		380	429
K (max.)	At dimension F (min.)	623	711
D (max.)	Installation space (max.)	738	826

## Technical data

	500 K 1T L/R	750 K 1T L/R
Lifting capacity	500 kg	750 kg
Main beam	110 x 110 mm	110 x 110 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder	
Platform overlap with floor	- 44 mm	- 44 mm
Lift arm pitch	410 mm	410 mm
Load centre - lengthwise	600 mm	600 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+90° to -10°	+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

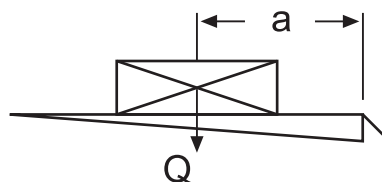
## 1000 ATHLET quattro 1/2T L/R



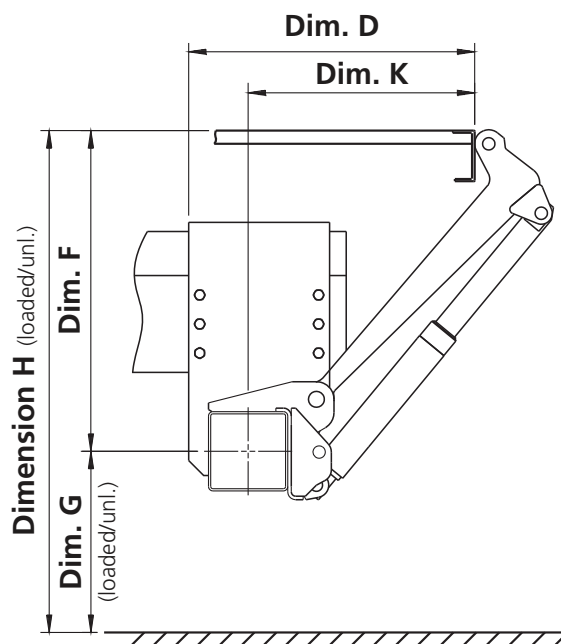
These tail lifts, based on the well-proven AQ series, are suitable for a wide range of applications and are especially suited for fresh or chilled goods. The platform (available 1/3 or 2/3 widths) need not be lowered to access the rear door and may be mounted to the left (AQ1TL) or right (AQ1TR) side of the vehicle. Platform widths from 800 mm to 1960 mm.

### Diagram

a (mm)	Q (kg)
600	1000
750	800
950	600
1400	400



# Partial width – full performance



## Weights

Platform type	Alum.
Platform width (mm)	1700
Platform height (mm)	
1450	259 kg
1550	263 kg
1600	267 kg
1825	271 kg

## Dimensions

1000 AQ 1/2T L/R		
Lift arms (in mm)		700
H (max.)	Loading height unloaded	1210
H (min.)	Loading height loaded	830
F (max.)	Middle of main beam to upper edge of loading floor	650
K (min.)	At dimension F (max.)	592
D (min.)	Installation space (min.)	742
F (min.)		500
K (max.)	At dimension F (min.)	721
D (max.)	Installation space (max.)	871

## Technical data

	1000 AQ 1T L/R	1000 AQ 2T L/R
Lifting capacity	1000 kg	1000 kg
Main beam	180 x 180 mm	180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder	
Platform overlap with floor	- 44 mm	- 44 mm
Lift arm pitch	410 mm	970 mm
Load centre - lengthwise	600 mm	600 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+90° to -10°	+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

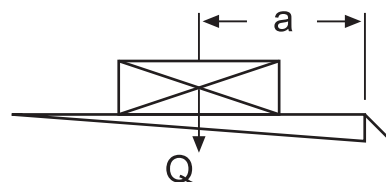
## 1000 K 1/2T L/R



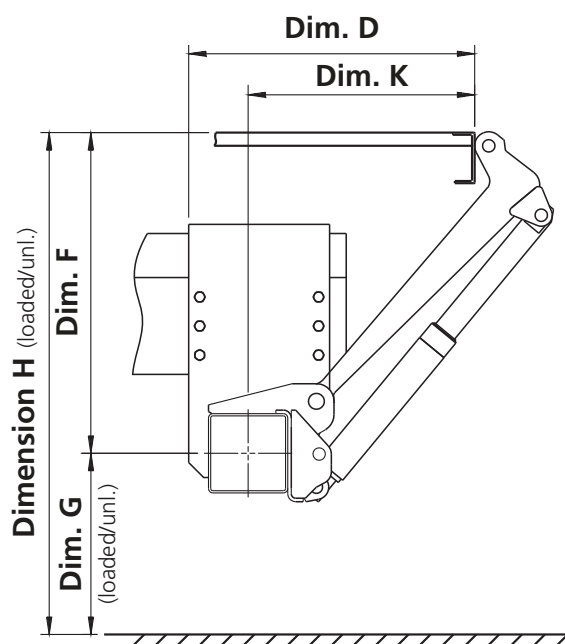
These tail lifts are based on the well-proven K series. They offer a wide range of applications and are tailored to the transportation of fresh or chilled goods. The rear of the truck may be accessed without lowering the 1/3 or 2/3 width platform which may be mounted to the left (K1TL) or right (K1TR) side of the vehicle. Platform widths from 800 mm to 1960 mm.

### Diagram

a (mm)	Q (kg)
600	1000
750	800
950	600
1400	400



# Space-saving high-performance platform



## Weights

Platform type	Alum.
Platform width (mm)	1000
Platform height (mm)	
1450	317 kg
1550	319 kg
1600	320 kg
1825	324 kg

## Dimensions

1000 K 1/2T L/R		
Lift arms (in mm)		700
H (max.)	Loading height unloaded	1256
H (min.)	Loading height loaded	906
F (max.)	Middle of main beam to upper edge of loading floor	728
K (min.)	At dimension F (max.)	514
D (min.)	Installation space (min.)	664
F (min.)		529
K (max.)	At dimension F (min.)	710
D (max.)	Installation space (max.)	860

## Technical data

	1000 K 1T L/R	1000 K 2T L/R
Lifting capacity	1000 kg	1000 kg
Main beam	180 x 180 mm	180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder	
Platform overlap with floor	- 57 mm	- 57 mm
Lift arm pitch	410 mm	970 mm
Load centre - lengthwise	600 mm	600 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+90° to -10°	+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

## 500 / 750 M



The newly developed 500 / 700 M range of lifts is specially designed for small vehicles up to 7.5 tonnes gv. The lift features a strong, lightweight platform and a robust 4-cylinder lift mechanism with an overall lift weight of only 200 kg (1200 mm platform height). A choice of models to fit various chassis widths to meet customer requirements. The standard lift has a single-piece underrun bumper. Optionally, a three-piece screwable underrun bumper is available, which can also be supplied with a removable ball-head coupling. Dedicated mounting brackets enable quick installation to virtually all U-profile or omega-profile chassis.

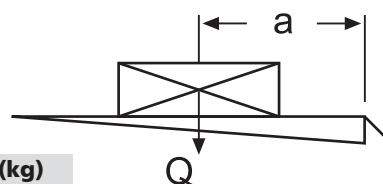
### Diagram

#### 500 M

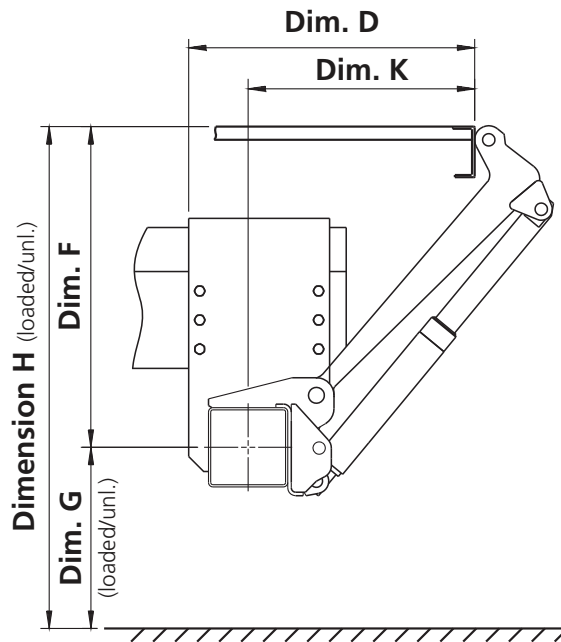
a (mm)	Q (kg)
600	500
700	430
820	360
1120	260

#### 750 M

a (mm)	Q (kg)
600	750
700	650
820	550
1120	400



# Lightweight four cylinder cantilever



## Weights

Platform type	Alum.
Platform width (mm)	2200
Platform height (mm)	
1200	200 kg*
1450	209 kg*
1550	213 kg*

\*) 11 kg additional weight with three-part underrun bumper

## Dimensions

500 / 750 M		
Lift arms (in mm)		550
H (max.)	Loading height unloaded	960
H (min.)	Loading height loaded	700
F (max.)	Middle of main beam to upper edge of loading floor	510
K (min.)	At dimension F (max.)	452
D (min.)	Installation space (min.)	543
F (min.)		370
K (max.)	At dimension F (min.)	555
D (max.)	Installation space (max.)	646

## Technical data

	500 M	750 M
Lifting capacity	500 kg	750 kg
Main beam	120 x 80 x 5 mm	120 x 80 x 5 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder	
Platform overlap with floor	- 44 mm	- 44 mm
Lift arm pitch	1240 mm	1240 mm
Load centre - lengthwise	600 mm	600 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+90° to -10°	+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

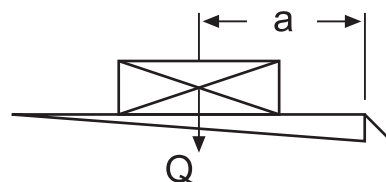
# 1000 ATHLET quattro



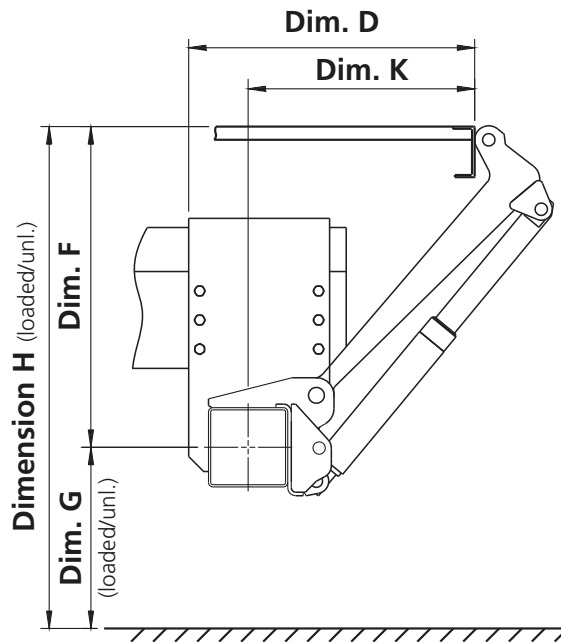
The 1000 ATHLET quattro offers a lightweight cantilever lifting solution with 2 lift and 2 tilt cylinders for maximum performance. It features a wide, sturdy aluminium platform up to 2500 mm wide x 1550 mm or 1825 mm deep – overall weight from 272 kg. Lift frame is KTL coated to protect against corrosion and has many beneficial features as standard. Rear closure option offers additional weight saving. Also available with a steel platform with optional wide lift arm pitch of 1320 mm.

## Diagram

a (mm)	Q (kg)
600	1000
750	800
950	600
1400	400



# The dependable, lightweight cantilever with four cylinders



## Weights

Platform type	Alum.
Platform width (mm)	2400
Platform height (mm)	
1550	282 kg
1700	289 kg
1825	295 kg

Platform type	Steel
Platform width (mm)	2400
Platform height (mm)	
1209	312 kg
1509	357 kg
1809	402 kg

## Dimensions

		1000 ATHLET quattro	
Lift arms (in mm)		600	700
H (max.)	Loading height unloaded	1100	1210
H (min.)	Loading height loaded	750	830
F (max.)	Middle of main beam to upper edge of loading floor	620	650
K (min.)	At dimension F (max.)	467	592
D (min.)	Installation space (min.)	617	742
F (min.)		420	500
K (max.)	At dimension F (min.)	652	721
D (max.)	Installation space (max.)	802	871

## Technical data

		1000 ATHLET quattro
Lifting capacity		1000 kg
Main beam		180 x 180 mm
Lifting gear hydraulics		2 x lift cylinder / 2 x tilt cylinder
Platform overlap with floor		- 44 mm
Lift arm pitch	Lift arm length 600 / 700 mm =	1320 mm / 1100 mm
Load centre - lengthwise		600 mm
Load centre - across center		50 % of the full load on one side
Inclination angle of the platform		+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

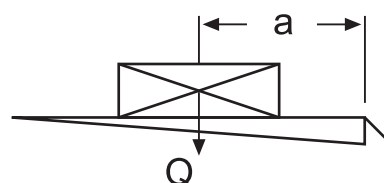
# 1000 E



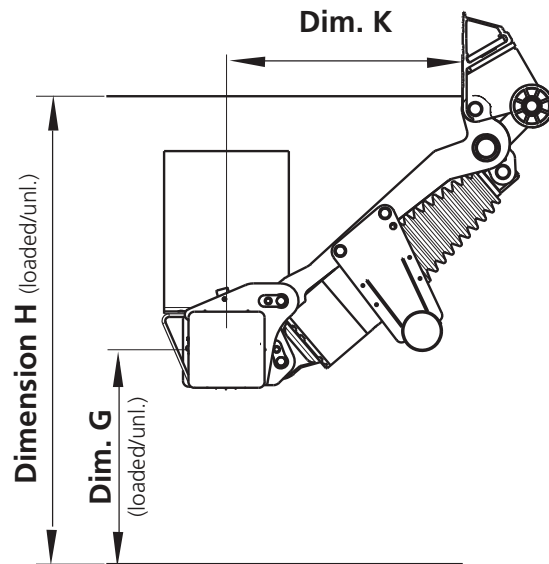
1000 kg capacity cantilever features the new revolutionary e-DRIVE, which has no hydraulic components and uses innovative electrical cylinders instead. Its futuristic design concept does away with oil, valve and hydraulic hose changes. Moreover, the battery recharges whilst the lift is being operated. Using well proven parallelogram mechanics in conjunction with the newly designed drive technology provides for advanced technical features. Although the initial cost of the lift using this advanced technology is more expensive than standard lifts, break even point is reached after three years, and the overall running costs over its entire life are considerably less.

## Diagram

a (mm)	Q (kg)
600	1000
750	800
950	600
1400	400
2400	230



# Ecologically friendly



## Weights

Platform type	Alum.
Platform width (mm)	2500
Platform height (mm)	
1550	377 kg
1825	391 kg

## Dimensions

1000 E		
Lift arms (in mm)		700
H (max.)	Loading height unloaded	1200
H (min.)	Loading height loaded	825
F (max.)	Middle of main beam to upper edge of loading floor	650
K (min.)	At dimension F (max.)	603
D (min.)	Installation space (min.)	773
F (min.)		500
K (max.)	At dimension F (min.)	716
D (max.)	Installation space (max.)	886

## Technical data

1000 E	
Lifting capacity	1000 kg
Main beam	180 x 180 mm
Lifting gear drive	1 x electrical lift cylinder / 1 x electrical tilt cylinder
Platform overlap with floor	63 mm
Lift arm pitch	1345 mm
Load centre - lengthwise	600 mm
Inclination angle of the platform	+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

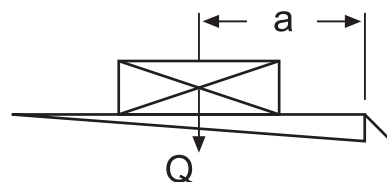
# 1000 K



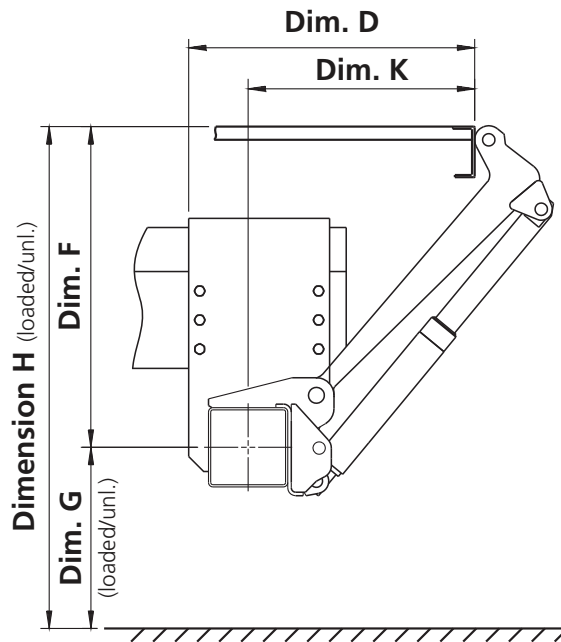
The 1000 K is the traditional cantilever with a payload of 1000 kg (with a 700 mm load centre) designed for heavy duty use. It is extremely robust and dependable for day-to-day use. In short: its performance rating couldn't be better. Available with both steel and aluminium platforms, it features 4-cylinder technology and is suitable for a wide range of floor heights and ideal for larger vehicles.

## Diagram

a (mm)	Q (kg)
700	1000
875	800
1150	600
1700	400



# Our top-selling tail lift



## Weights

Platform type	Alum.
Platform width (mm)	2500
Platform height (mm)	
1550	376 kg
1700	384 kg
1825	390 kg
2050	401 kg

Platform type	Steel
Platform width (mm)	2500
Platform height (mm)	
1509	519 kg
1809	559 kg
2109	599 kg

## Dimensions

		1000 K		
Lift arms (in mm)		700	800	900
H (max.)	Loading height unloaded	1256	1409	1546
H (min.)	Loading height loaded	906	922	998
F (max.)	Middle of main beam to upper edge of loading floor	728	811	894
K (min.)	At dimension F (max.)	515	570	626
D (min.)	Installation space (min.)	665	720	776
F (min.)		529	572	625
K (max.)	At dimension F (min.)	710	801	886
D (max.)	Installation space (max.)	860	951	1036

## Technical data

		1000 K
Lifting capacity		1000 kg
Main beam		180 x 180 mm
Lifting gear hydraulics		2 x lift cylinder / 2 x tilt cylinder
Platform overlap with floor		- 57 mm
Lift arm pitch		1310 mm
Load centre - lengthwise		700 mm
Load centre - across center		50 % of the full load on one side
Inclination angle of the platform		+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

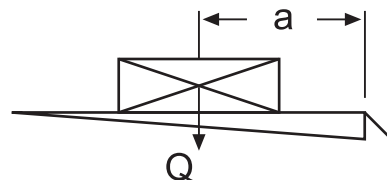
# 1500 KL



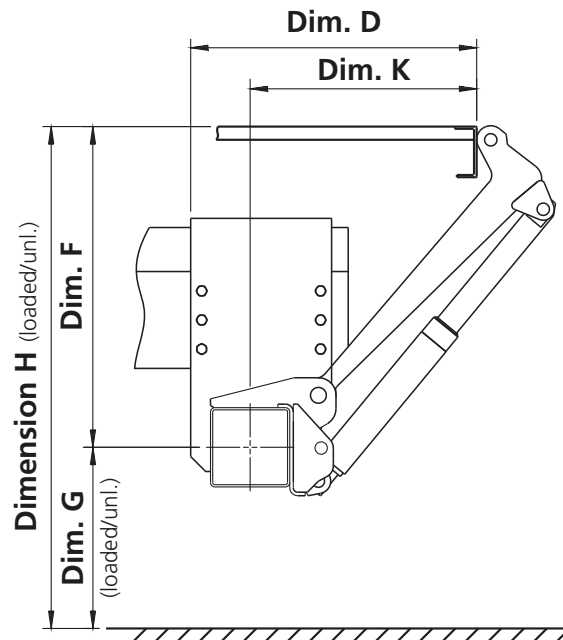
A versatile standard cantilever featuring a lightweight aluminium platform lifting 1500 kg. Designed to maximise vehicle payload, it is available in a wide range of platform sizes to suit many applications. The 4-cylinder lift mechanism provides optimal performance. Suitable for floor heights up to 1546 mm.

## Diagram

a (mm)	Q (kg)
600	1500
720	1250
900	1000
1200	750



# Light, strong and efficient



## Weights

Platform type	Alum.
Platform width (mm)	2500
Platform height (mm)	
1550	390 kg
1700	398 kg
1825	404 kg
1950	410 kg
2050	415 kg
2200	423 kg

Platform type	Steel
Platform width (mm)	2500
Platform height (mm)	
1509	528 kg
1809	568 kg
2109	608 kg

## Dimensions

		1500 KL		
Lift arms (in mm)		700	800	900
H (max.)	Loading height unloaded	1256	1409	1546
H (min.)	Loading height loaded	906	922	998
F (max.)	Middle of main beam to upper edge of loading floor	728	811	894
K (min.)	At dimension F (max.)	515	570	626
D (min.)	Installation space (min.)	665	720	776
F (min.)		529	572	625
K (max.)	At dimension F (min.)	710	801	886
D (max.)	Installation space (max.)	860	951	1036

## Technical data

		1500 KL
Lifting capacity		1500 kg
Main beam		180 x 180 mm
Lifting gear hydraulics		2 x lift cylinder / 2 x tilt cylinder
Platform overlap with floor		- 57 mm
Lift arm pitch		1310 mm
Load centre - lengthwise		600 mm
Load centre - across center		50 % of the full load on one side
Inclination angle of the platform		+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

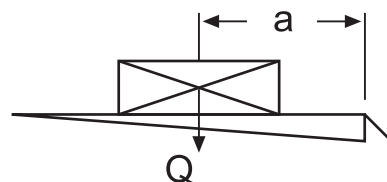
# 1500 K



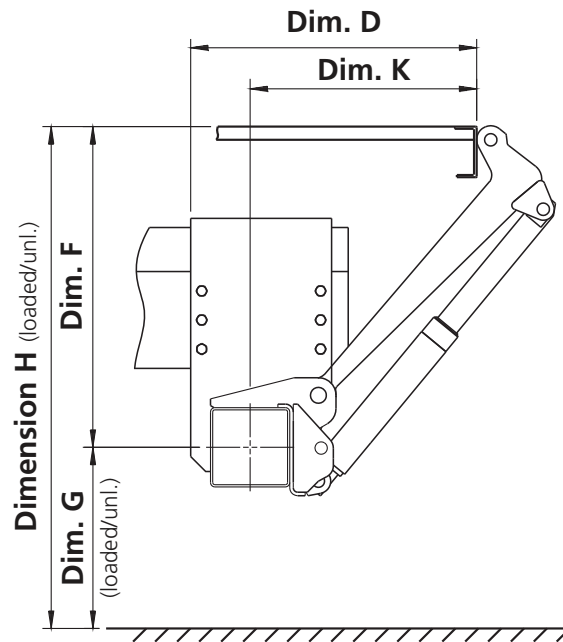
Probably the most reliable, heavy duty lift on the market with a lifting centre of 1000 mm. Suitable for a wide range of applications and fits most vehicle bodies and trailers. The 4-cylinder lift mechanism is available with 5 different lift arms, ranging from 700 mm to 1100 mm. Both steel and aluminium platforms are 'made to measure' available up to a maximum depth of 2800 mm.

## Diagram

a (mm)	Q (kg)
1000	1500
1200	1250
1500	1000
1850	800
2400	600



# Robust, dependable and efficient



## Weights

Platform type	Alum.
Platform width (mm)	2500
Platform height (mm)	
1700	516 kg
1825	524 kg
2050	539 kg
2200	548 kg
2300	555 kg
2400	565 kg
2650	581 kg

Platform type	Steel
Platform width (mm)	2500
Platform height (mm)	
1509	620 kg
1809	660 kg
2109	700 kg

## Dimensions

		1500 K				
Lift arms (in mm)		700	800	900	1000	1100
H (max.)	Loading height unloaded	1200	1428	1548	1651	1793
H (min.)	Loading height loaded	883	941	1006	950	1023
F (max.)	Middle of main beam to upper edge of loading floor	650	817	924	977	1056
K (min.)	At dimension F (max.)	618	601	623	722	783
D (min.)	Installation space (min.)	768	751	773	872	933
F (min.)		508	566	614	569	608
K (max.)	At dimension F (min.)	726	820	907	1041	1132
D (max.)	Installation space (max.)	876	970	1057	1191	1282

## Technical data

		1500 K
Lifting capacity		1500 kg
Main beam		180 x 180 mm
Lifting gear hydraulics		2 x lift cylinder / 2 x tilt cylinder
Platform overlap with floor		- 63 mm
Lift arm pitch		1300 mm
Load centre - lengthwise		1000 mm
Load centre - across center		50 % of the full load on one side
Inclination angle of the platform		+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

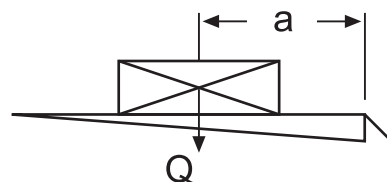
## 2000 KL



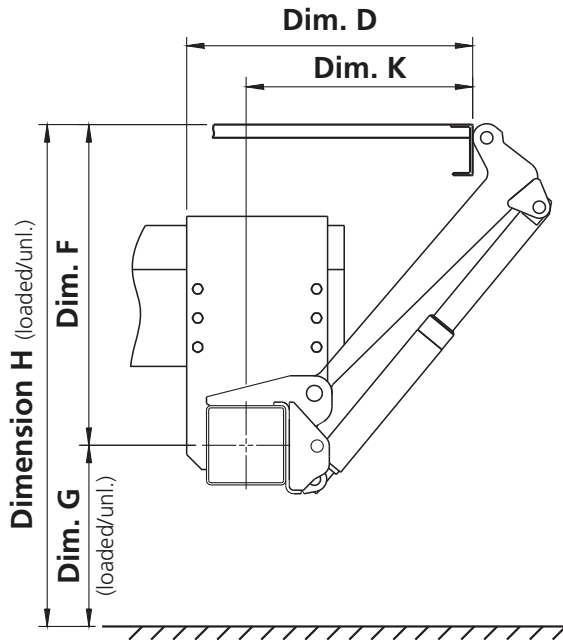
2000 KL is a powerful tail lift for demanding applications that require a lifting capacity of 2000 kg with a load clearance of 750 mm. 5 different lift arms and models with aluminium or steel platforms are available. A wide range of options are available, to meet the requirements of virtually all applications.

### Diagram

a (mm)	Q (kg)
750	2000
900	1650
1100	1300
1600	950
2400	600



2000 kg lifting capacity,  
just in case



## Weights

Platform type	Alum.
Platform width (mm)	2500
Platform height (mm)	
1550	507 kg
1700	516 kg
1825	524 kg
1950	532 kg
2050	539 kg
2200	548 kg
2300	555 kg
2400	565 kg
2650	581 kg

Platform type	Steel
Platform width (mm)	2500
Platform height (mm)	
1509	623 kg
1809	663 kg
2109	703 kg
2409	743 kg

## Dimensions

		2000 KL				
Lift arms (in mm)		700	800	900	1000	1100
H (max.)	Loading height unloaded	1200	1428	1548	1651	1793
H (min.)	Loading height loaded	883	1011	1006	950	1023
F (max.)	Middle of main beam to upper edge of loading floor	650	817	924	977	1056
K (min.)	At dimension F (max.)	618	601	623	722	783
D (min.)	Installation space (min.)	768	751	773	872	933
F (min.)		508	566	614	569	608
K (max.)	At dimension F (min.)	726	820	907	1041	1132
D (max.)	Installation space (max.)	876	970	1057	1191	1282

## Technical data

	<b>2000 KL</b>
Lifting capacity	2000 kg
Main beam	180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder
Platform overlap with floor	- 63 mm
Lift arm pitch	1300 mm
Load centre - lengthwise	750 mm
Load centre - across center	50 % of the full load on one side
Inclination angle of the platform	+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

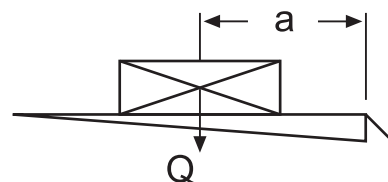
## 2000 K



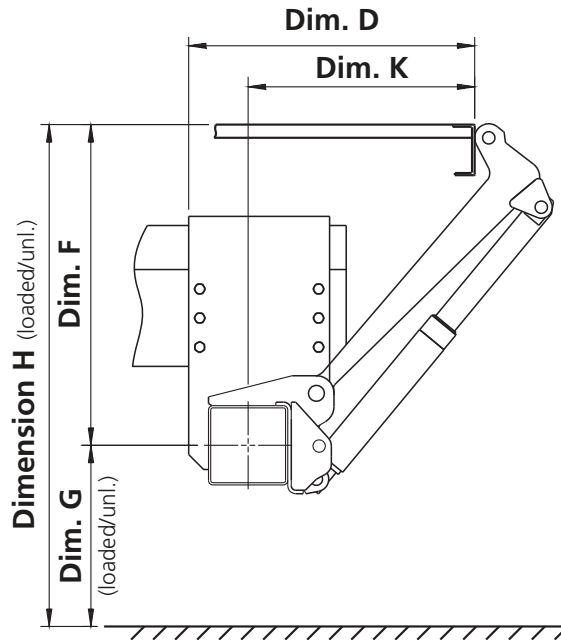
Lifting a full 2000 kg, the 2000 K offers a choice of steel or aluminium platforms, up to a maximum depth of 2800 mm and is frequently chosen for use by the food and drink distribution industry. The 4-cylinder lift mechanism is available with four different lift arms, ranging from 700 mm to 1100 mm.

### Diagram

a (mm)	Q (kg)
1000	2000
1250	1600
1600	1250
1900	1050
2200	910



# Ideal for heavier loads



## Weights

Platform type	Alum.
Platform width (mm)	2500
Platform height (mm)	
1550	511 kg
1700	520 kg
1825	528 kg
1950	536 kg
2050	543 kg
2200	552 kg
2300	559 kg
2400	569 kg
2650	585 kg

Platform type	Steel
Platform width (mm)	2500
Platform height (mm)	
1509	625 kg
1809	665 kg
2109	705 kg
2409	745 kg

## Dimensions

		2000 K			
Lift arms (in mm)		700	800	900	1000
H (max.)	Loading height unloaded	1160	1345	1444	1651
H (min.)	Loading height loaded	883	941	1006	950
F (max.)	Middle of main beam to upper edge of loading floor	650	785	820	977
K (min.)	At dimension F (max.)	618	641	751	722
D (min.)	Installation space (min.)	768	791	901	872
F (min.)		508	566	614	569
K (max.)	At dimension F (min.)	726	820	907	1041
D (max.)	Installation space (max.)	876	970	1057	1191

## Technical data

		2000 K
Lifting capacity		2000 kg
Main beam		180 x 180 mm
Lifting gear hydraulics		2 x lift cylinder / 2 x tilt cylinder
Platform overlap with floor		- 63 mm
Lift arm pitch		1300 mm
Load centre - lengthwise		1000 mm
Load centre - across center		50 % of the full load on one side
Inclination angle of the platform		+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

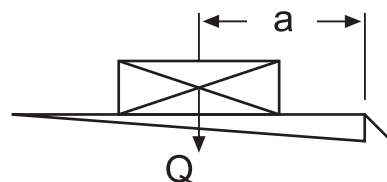
## 2500 KL



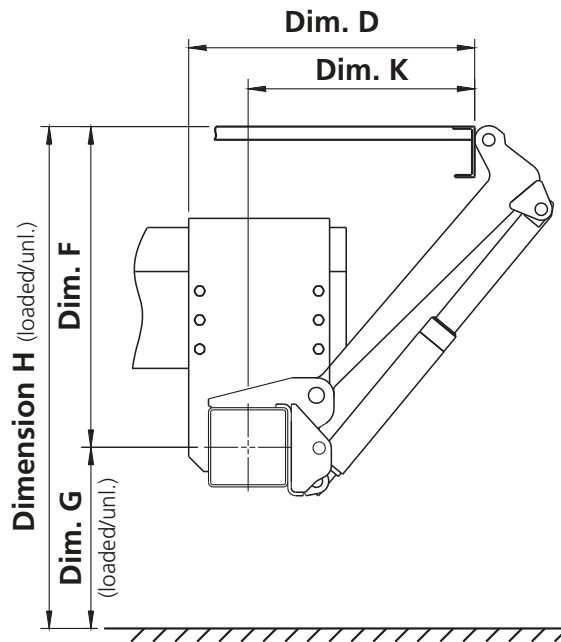
The 2500 KL is the No. 1 Tail Lift for all heavy goods applications. Lifting a full 2500 kg at a load distance of 750 mm it is available with both aluminium and steel platforms. A wide range of options, including a choice of 4 different lift arms, makes it suitable for virtually all heavy load transportation requirements.

### Diagram

a (mm)	Q (kg)
750	2500
900	2050
1100	1700
1600	1150
2400	750



# Ideal for heavy loads and high requirements



## Weights

Platform type	Alum.
Platform width (mm)	2500
Platform height (mm)	
1550	513 kg
1700	522 kg
1825	530 kg
1950	538 kg
2050	545 kg
2200	554 kg
2300	561 kg
2400	571 kg
2650	587 kg

Platform type	Steel
Platform width (mm)	2400
Platform height (mm)	
1509	630 kg
1809	668 kg
2109	706 kg
2409	749 kg

## Dimensions

		2500 KL			
Lift arms (in mm)		700	800	900	1000
H (max.)	Loading height unloaded	1160	1345	1444	1651
H (min.)	Loading height loaded	883	941	1006	950
F (max.)	Middle of main beam to upper edge of loading floor	650	785	820	977
K (min.)	At dimension F (max.)	618	641	751	722
D (min.)	Installation space (min.)	768	791	901	872
F (min.)		508	566	614	569
K (max.)	At dimension F (min.)	726	820	907	1041
D (max.)	Installation space (max.)	876	970	1057	1191

## Technical data

		2500 KL
Lifting capacity		2500 kg
Main beam		180 x 180 mm
Lifting gear hydraulics		2 x lift cylinder / 2 x tilt cylinder
Platform overlap with floor		- 63 mm
Lift arm pitch		1300 mm
Load centre - lengthwise		750 mm
Load centre - across center		50 % of the full load on one side
Inclination angle of the platform		+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

# 1500 / 2000 KK



This special lift is designed for fitting to vehicles with a deep coupling system. It uses well-proven standard components of 1500 K and 2000 K lifts. The single-piece underrun bumper is spring-loaded and, on request, hydraulically pivoting. The long lift arm (1100 mm) permits level mounting of the platform.

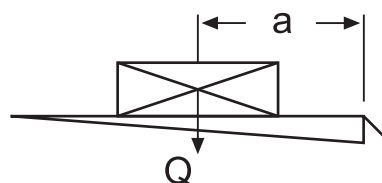
## Diagram

### 1500 KK

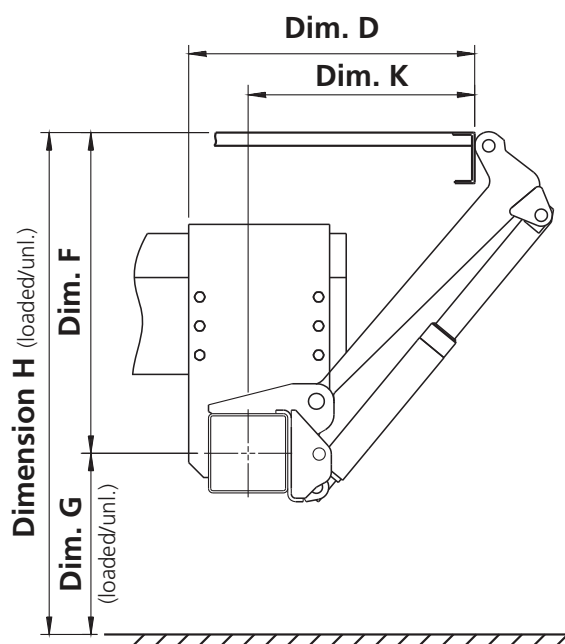
a (mm)	Q (kg)
1000	1500
1200	1250
1500	1000
1850	800
2400	600

### 2000 KK

a (mm)	Q (kg)
750	2000
900	1650
1100	1300
1600	950
2400	600



# Cuts a long story short



## Weights

Platform type	Alum.
Platform width (mm)	2500
Platform height (mm)	
1550	671 kg
1700	680 kg
1825	690 kg
1950	696 kg
2050	703 kg
2200	712 kg
2300	719 kg
2400	729 kg
2650	745 kg

Platform type	Steel
Platform width (mm)	2500
Platform height (mm)	
1509	767 kg
1809	807 kg
2109	847 kg
2409	887 kg

## Dimensions

1500 / 2000 KK		
Lift arms (in mm)		1100
H (max.)	Loading height unloaded	1793
H (min.)	Loading height loaded	1023
F (max.)	Middle of main beam to upper edge of loading floor	1056
K (min.)	At dimension F (max.)	783
D (min.)	Installation space (min.)	1028
F (min.)		608
K (max.)	At dimension F (min.)	1132
D (max.)	Installation space (max.)	1377

## Technical data

	1500 KK	2000 KK
Lifting capacity	1500 kg	2000 kg
Main beam	180 x 180 mm	180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder	
Platform overlap with floor	- 63 mm	- 63 mm
Lift arm pitch	1300 mm	1300 mm
Load centre - lengthwise	1000 mm	750 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+90° to -10°	+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

# 1500 / 2000 KS



1500 / 2000 KS tail lifts benefit from the well-proven standard components of 1500 / 2000 K lifts. The lift has been specifically designed for vehicles with very little overhang on the rear of the vehicle. The lift mechanism is available with 4 different lift arms.

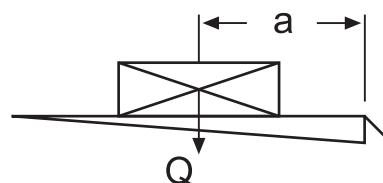
## Diagram

### 1500 KS

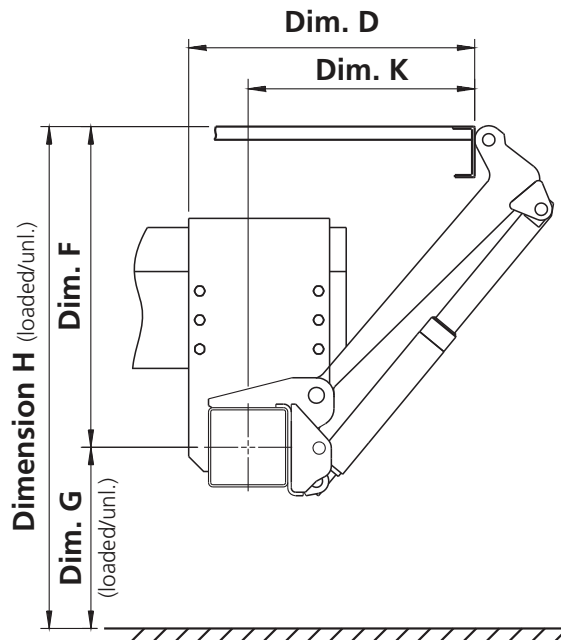
a (mm)	Q (kg)
1000	1500
1200	1250
1500	1000
1850	800
2400	600

### 2000 KS

a (mm)	Q (kg)
750	2000
900	1650
1100	1300
1600	950
2400	600



# Short overhang



## Weights

Platform type	Alum.
Platform width (mm)	2500
Platform height (mm)	
1550	532 kg
1700	541 kg
1825	549 kg
1950	557 kg
2050	564 kg
2200	572 kg
2300	580 kg
2400	590 kg
2650	606 kg

Platform type	Steel
Platform width (mm)	2500
Platform height (mm)	
1509	641 kg
1809	681 kg
2109	721 kg
2409	761 kg

## Dimensions

		1500 / 2000 KS			
Lift arms (in mm)		750	800	850	950
H (max.)	Loading height unloaded	1340	1416	1505	1657
H (min.)	Loading height loaded	1127	1165	1204	1281
F (max.)	Middle of main beam to upper edge of loading floor	858	904	967	1061
K (min.)	At dimension F (max.)	413	434	410	444
D (min.)	Installation space (min.)	563	584	560	594
F (min.)		742	780	819	896
K (max.)	At dimension F (min.)	602	635	666	730
D (max.)	Installation space (max.)	752	785	816	880

## Technical data

	1500 KS	2000 KS
Lifting capacity	1500 kg	2000 kg
Main beam	180 x 180 mm	180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder	
Platform overlap with floor	- 63 mm	- 63 mm
Lift arm pitch	1300 mm	1300 mm
Load centre - lengthwise	1000 mm	750 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+90° to -10°	+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

## 2500 KK

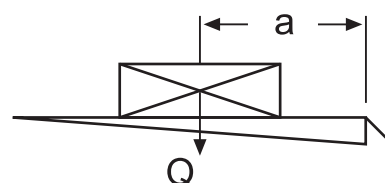


Special applications require special equipment. With its exceptionally large load clearance of 1000 mm and its lifting capacity of 2500 kg, the 2500 KK is rightly considered one of the most powerful tail lifts in its class. It is designed for a wide range of applications such as food and beverage distribution, and for drawbar units.

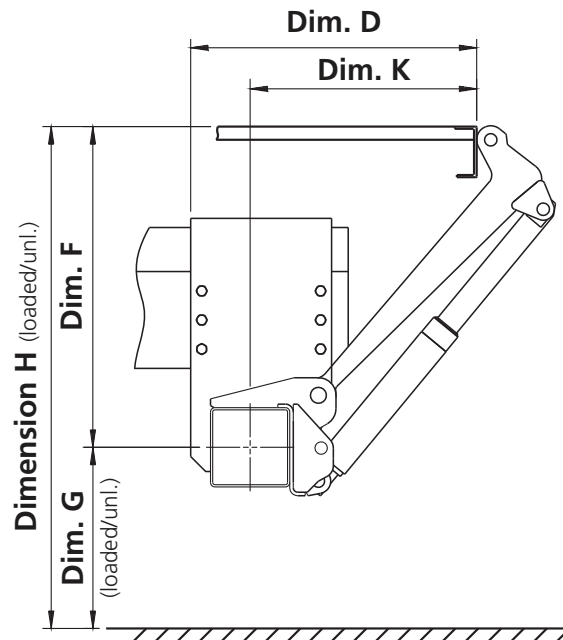
The single-piece underrun bumper is pivoting spring-loaded or hydraulically operated. The long lift arm (1100 mm) permits level mounting of the platform.

### Diagram

a (mm)	Q (kg)
1000	2500
1200	2050
1500	1650
1800	1350
2100	1150



# Ideal for heavy loads



## Weights

Platform type	Alum.
Platform width (mm)	2400
Platform height (mm)	
2050	809 kg
2200	821 kg

Platform type	Steel
Platform width (mm)	2400
Platform height (mm)	
1809	1000 kg
2009	1031 kg
2409	1094 kg

## Dimensions

2500 KK		
Lift arms (in mm)		1100
H (max.)	Loading height unloaded	1577
H (min.)	Loading height loaded	835
F (max.)	Middle of main beam to upper edge of loading floor	840
K (min.)	At dimension F (max.)	1010
D (min.)	Installation space (min.)	1145
F (min.)		420
K (max.)	At dimension F (min.)	1189
D (max.)	Installation space (max.)	1324

## Technical data

2500 KK		
Lifting capacity		2500 kg
Main beam		180 x 180 mm
Lifting gear hydraulics		2 x lift cylinder / 2 x tilt cylinder
Platform overlap with floor		- 72 mm
Lift arm pitch		1300 mm
Load centre - lengthwise		1000 mm
Load centre - across center		50 % of the full load on one side
Inclination angle of the platform		+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

## 2500 / 3000 K



The 2500 / 3000 K lifts have been cleverly designed to provide exceptionally stable four-cylinder lifts capable of lifting goods up to 3000 kg, making them ideal for the transportation of motor vehicles and computerised products. Available with either steel or aluminium platforms with a load centre of 1000 or 1200 mm. Optional hydraulic stabiliser jacks provide additional load stability. A powerful, low-noise power pack in the square main beam reduces noise during loading or unloading to a minimum.

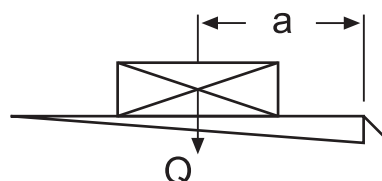
### Diagram

#### 2500 K

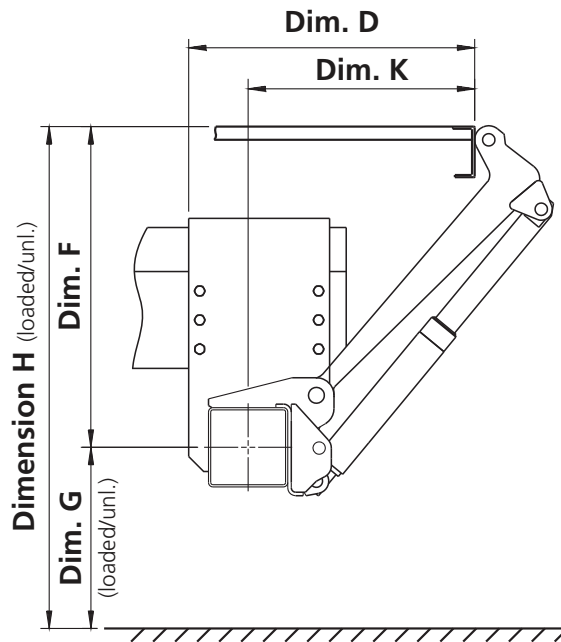
a (mm)	Q (kg)
1200	2500
1400	2100
1600	1875
1800	1650
2400	1250

#### 3000 K

a (mm)	Q (kg)
1000	3000
1200	2500
1500	2000
1800	1650
2400	1250



# The most powerful lift in the range



## Weights

Platform type	Alum.
Platform width (mm)	2400
Platform height (mm)	
1820	709 kg
2070	721 kg
2200	737 kg
2450	780 kg

Platform type	Steel
Platform width (mm)	2400
Platform height (mm)	
1809	907 kg
2009	938 kg
2409	1001 kg

## Dimensions

		2500 / 3000 K	
Lift arms (in mm)		900	1000
H (max.)	Loading height unloaded	1554	1748
H (min.)	Loading height loaded	1030	1180
F (max.)	Middle of main beam to upper edge of loading floor	924	1027
K (min.)	At dimension F (max.)	654	679
D (min.)	Installation space (min.)	809	834
F (min.)		645	795
K (max.)	At dimension F (min.)	901	922
D (max.)	Installation space (max.)	1056	1077

## Technical data

	2500 K	3000 K
Lifting capacity	2500 kg	3000 kg
Main beam	180 x 180 mm	180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder	
Platform overlap with floor	- 72 mm	- 72 mm
Lift arm pitch	1300 mm	1300 mm
Load centre - lengthwise	1200 mm	1000 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+90° to -10°	+90° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

# 1500 TwinFold

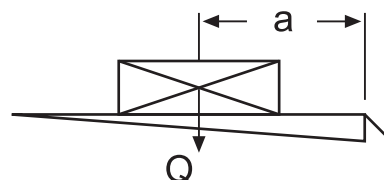


The TwinFold is a light weight, 2-cylinder tuckunder lift with a lifting capacity of 1500 kg. Its folding platform stows under the vehicle chassis, providing clear access to the rear of the vehicle when required. Platforms available 1200 mm and 1400 mm deep. Designed for dry freight applications, it is ideal for the lifting of pallets and roll cages. With its two lift cylinders and two parallel struts, the TwinFold lift offers full stability. Mechanical auto-tilt at ground level. Platforms are available as all aluminium or aluminium/steel to suit individual requirements. The power pack is mounted in the main beam for low noise and protection against the elements. Also available without a floor end plate for refrigerated applications and retrofit.\*

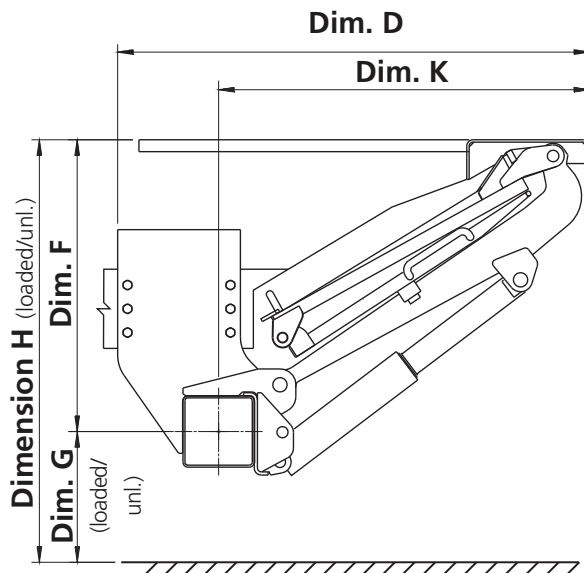
<sup>\*)</sup> A 1000 kg capacity model will be available early 2011.

## Diagram

a (mm)	Q (kg)
600	1500
720	1250
900	1000
1200	750



# Lightweight and easy to use



## Weights

### Platf. type Alum./Alum.

Platform width (mm) 2300

Platform height (mm)

1210 424 kg

1355 442 kg

### Platf. type Steel/Alum.

Platform width (mm) 2300

Platform height (mm)

1210 468 kg

1415 491 kg

## Dimensions

1000 / 1500 TwinFold		
<b>Lift arms (in mm)</b>		<b>900</b>
H (max.)	Loading height unloaded	1500
H (min.)	Loading height loaded	-
F (max.)	Middle of main beam to upper edge of loading floor	850
K (min.)	At dimension F (max.)	820
D (min.)	Installation space (min.)	K+340
F (min.)		737
K (max.)	At dimension F (min.)	955
G (max.)	Unloaded (middle of main beam to ground)	650
G (min.)	Loaded	400
E (max.)	Vehicle frame width (max.)	870
E (min.)	Vehicle frame width (min.)	650

## Technical data

1000 / 1500 TwinFold		
Lifting capacity		1500 kg
Main beam		180 x 180 mm
Lifting gear hydraulics		2 x lift cylinder
Lift arm pitch		1310 mm
Load centre - lengthwise		600 mm
Load centre - across center		50 % of the full load on one side
Inclination angle of the platform		+8° to -8°

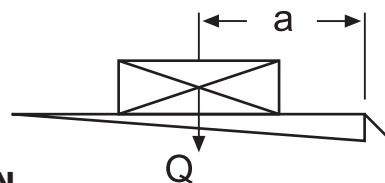
The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

## 1000 / 1500 KF / KFN



Stowing neatly under the vehicle chassis, providing access to the rear of the vehicle when required, the 1000 / 1500 KF / KFN tuck-under lift range features a 4-cylinder lift mechanism for optimal operation at all times. Built utilising many of the well-proven components used in the construction of traditional cantilevers, it is easy to deploy and stow due to the power assistance from the tilt cylinders. The 1000 / 1500 KFN has been specifically designed to fit refrigerated bodies, eliminating the need to cut into the thick insulated floor, whilst the 1000 / 1500 KF is ideal for dry freight operations.

### Diagram



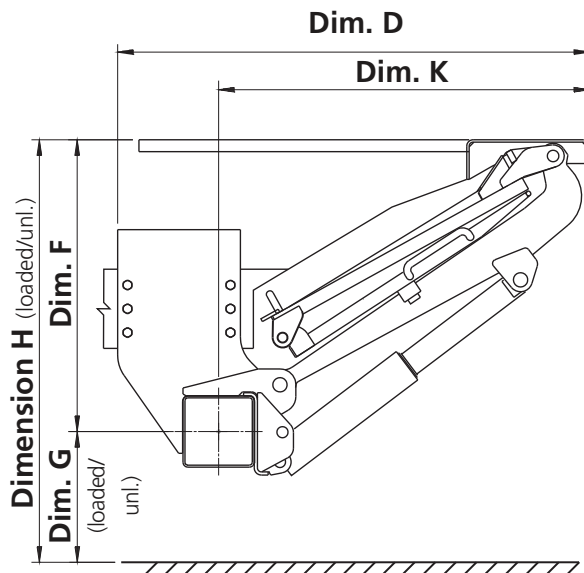
#### 1000 KF / KFN

a (mm)	Q (kg)
600	1000
750	800
1000	600
1500	400

#### 1500 KF / KFN

a (mm)	Q (kg)
600	1500
720	1250
900	1000
1200	750

# Robust, well-proven, and ideal for refrigerated vehicles



## Weights

Platform type	Alum.
Platform width (mm)	2300
Platform height (mm)	
1210	435 kg
1355	453 kg

Platform type	Steel
Platform width (mm)	2300
Platform height (mm)	
1202	450 kg
1415	502 kg

## Dimensions

		1000 / 1500 KF			1000 / 1500 KFN	
Lenkerlängen (in mm)		800	900	1000	900	1000
H (max.)	Loading height unloaded	1420	1546	1550	1546	1550
H (min.)	Loading height loaded	972	1102	1172	1102	1230
F (max.)	Middle of main beam to upper edge of loading floor	822	896	980	896	980
K (min.)	At dimension F (max.)	694	763	815	806	860
D (min.)	Installation space (min.)	1065-850	1215-1000	1130-1070	1245-1030	1320-1080
F (min.)		607	737	794	737	794
K (max.)	At dimension F (min.)	910	937	1023	980	1065
G (max.)	Unloaded (middle of main beam to ground)	598	650	570	650	570
G (min.)	Loaded	365	365	378	365	440
E (max.)	Vehicle frame width (max.)	1120	1120	1120	1120	1120
E (min.)	Vehicle frame width (min.)	750	750	750	750	750

## Technical data

	1000 KF / KFN	1500 KF / KFN
Lifting capacity	1000 kg	1500 kg
Main beam	180 x 180 mm	180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder	
Lift arm pitch	1310 mm	1310 mm
Load centre - lengthwise	600 mm	600 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+10° to -10°	+10° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

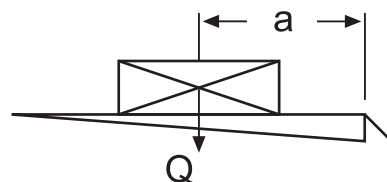
# 1000 KUZ



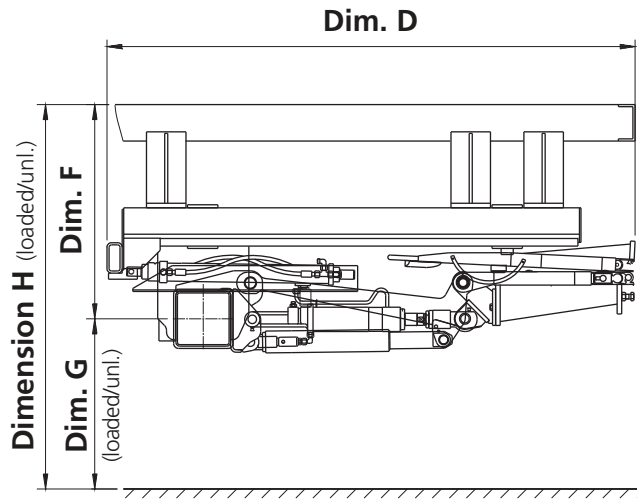
The 1000 KUZ is a single-fold retractable tail lift. A push-pull cylinder aligned lengthwise moves the lift into the desired position. The lift leaves the factory fully assembled and with the lift unit KTL coated, ready for clamping onto the chassis supplied with kits suitable for trucks or trailers. Single fold platforms are available in a range of sizes - either all aluminium or steel section with an aluminium folding section. When stowed, the lift forms the vehicle's under-run bumper. The lift is entirely operated by a user friendly *K-plus* control system and optional EasyMove control. Ideal for frequent use.

## Diagram

a (mm)	Q (kg)
700	1000
875	800
1150	600
1700	400
2400	250



# Retractable tail lift, single-fold, 1000 kg lifting capacity



## Weights

### Platf. type Alum./Alum.

Platform width (mm)	2400
Platform height (mm)	
1605	492 kg
1700	500 kg

### Platf. type Steel/Alum.

Platform width (mm)	2400
Platform height (mm)	
1600	522 kg
1700	530 kg
Weight of retraction unit 175 kg	

## Dimensions

		1000 KUZ		
Lift arms (in mm)		700	800	900
H (max.)	Loading height unloaded	1256	1409	1546
H (min.)	Loading height loaded	906	922	998
F (max.)	Middle of main beam to upper edge of loading floor	728	811	894
K (min.)	At dimension F (max.)	515	570	626
D (min.)	Installation space (min.)	1800	1800	1900
F (min.)		529	572	625
K (max.)	At dimension F (min.)	710	801	886
G (max.)	Unloaded (middle of main beam to ground)	528	598	652
G (min.)	Loaded	377	350	373
E (max.)	Vehicle frame width (max.)	920	920	920
E (min.)	Vehicle frame width (min.)	645	645	645

## Technical data

		1000 KUZ
Lifting capacity		1000 kg
Main beam		180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder / 1 x moving cylinder	
Lift arm pitch		760 / 1310 / 1490 mm
Load centre - lengthwise		700 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+10° to -10°	

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

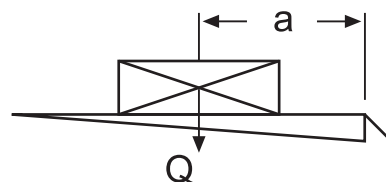
# 1500 KLUZ



The 1500 KLUZ is a robust lightweight retractable lift. A push-pull cylinder aligned lengthwise moves the lift into the desired position. The lift leaves the factory fully assembled and with the lift unit KTL coated, ready for clamping onto the chassis supplied with kits suitable for trucks or trailers. Single fold platforms are available in a range of sizes – either all aluminium or steel section with an aluminium folding section. When stowed, the lift forms the vehicle's underrun bumper. The lift is entirely operated by a user friendly *K-plus* control system and optional EasyMove control. Ideal for frequent use.

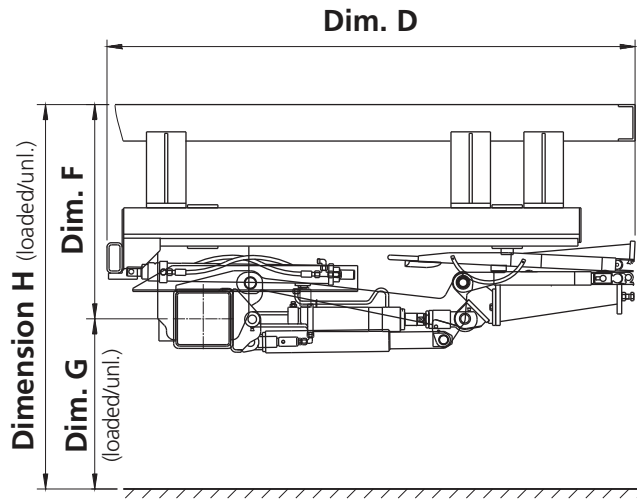
## Diagram

a (mm)	Q (kg)
600	1500
720	1250
900	1000
1200	750



# Retractable tail lift, single-fold

## 1500 kg lifting capacity



### Weights

#### Platf. type Alum./Alum.

Platform width (mm)	2400
Platform height (mm)	
1605	496 kg
1700	505 kg

#### Platf. type Steel/Alum.

Platform width (mm)	2400
Platform height (mm)	
1600	527 kg
1700	535 kg
Weight of retraction unit 175 kg	

### Dimensions

		1500 KLUZ		
Lift arms (in mm)		700	800	900
H (max.)	Loading height unloaded	1256	1409	1546
H (min.)	Loading height loaded	906	922	998
F (max.)	Middle of main beam to upper edge of loading floor	728	811	894
K (min.)	At dimension F (max.)	515	570	626
D (min.)	Installation space (min.)	1800	1800	1900
F (min.)		529	572	625
K (max.)	At dimension F (min.)	710	801	886
G (max.)	Unloaded (middle of main beam to ground)	528	598	652
G (min.)	Loaded	377	350	373
E (max.)	Vehicle frame width (max.)	920	920	920
E (min.)	Vehicle frame width (min.)	645	645	645

### Technical data

		1500 KLUZ
Lifting capacity		1500 kg
Main beam		180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder / 1 x moving cylinder	
Lift arm pitch		750 / 1300 / 1490 mm
Load centre - lengthwise		600 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+10° to -10°	

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

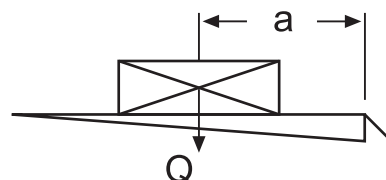
# 1500 KUZ



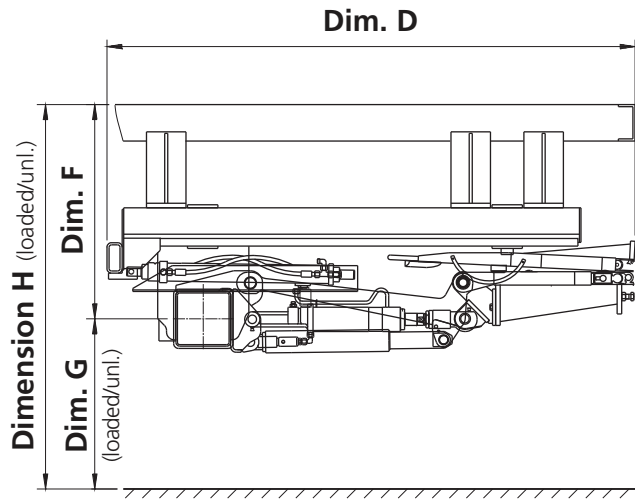
The 1500 KUZ is a robust retractable lift with 1000 mm load centre. A push-pull cylinder aligned lengthwise moves the lift into the desired position. The lift leaves the factory fully assembled and with the lift unit KTL coated, ready for clamping onto the chassis supplied with kits suitable for trucks or trailers. Single fold platforms are available in a range of sizes - either all aluminium or steel section with an aluminium folding section. When stowed, the lift forms the vehicle's underrun bumper. The lift is entirely operated by a user friendly *K-plus* control system and optional EasyMove control. Ideal for frequent use.

## Diagram

a (mm)	Q (kg)
1000	1500
1200	1250
1500	1000
1850	800



# Robust, retractable tail lift 1500 kg lifting capacity



## Weights

### Platf. type Alum./Alum.

Platform width (mm) 2400

Platform height (mm)

1605 544 kg

1700 553 kg

### Platf. type Steel/Alum.

Platform width (mm) 2400

Platform height (mm)

1600 575 kg

1700 583 kg

Weight of retraction unit 175 kg

## Dimensions

		1500 KUZ				
Lift arms (in mm)		700	800	900	1000	1100
H (max.)	Loading height unloaded	1200	1428	1548	1651	1793
H (min.)	Loading height loaded	883	1011	1006	950	1023
F (max.)	Middle of main beam to upper edge of loading floor	650	817	924	977	1056
K (min.)	At dimension F (max.)	618	601	623	721	783
D (min.)	Installation space (min.)	1800	1800	1900	1900	2000
F (min.)		508	566	614	569	608
K (max.)	At dimension F (min.)	726	820	907	1040	1132
G (max.)	Unloaded (middle of main beam to ground)	550	611	624	674	737
G (min.)	Loaded	375	445	392	381	415
E (max.)	Vehicle frame width (max.)	920	920	920	920	920
E (min.)	Vehicle frame width (min.)	645	645	645	645	645

## Technical data

		1500 KUZ
Lifting capacity		1500 kg
Main beam		180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder / 1 x moving cylinder	
Lift arm pitch		750 / 1300 / 1480 mm
Load centre - lengthwise		1000 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+10° to -10°	

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

## 2000 KLUZ

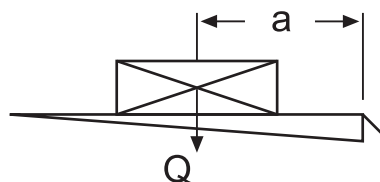


The 2000 KLUZ is a robust lightweight retractable lift. A push-pull cylinder aligned lengthwise moves the lift into the desired position. The lift leaves the factory fully assembled and with the lift unit KTL coated, ready for clamping onto the chassis supplied with kits suitable for trucks or trailers.

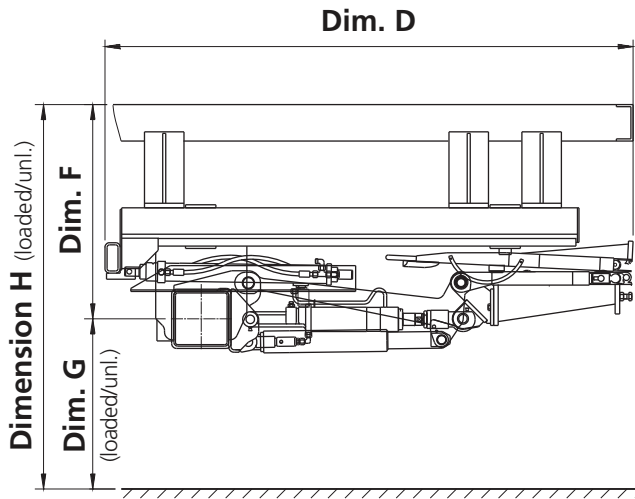
Single fold platforms are available in a range of sizes - either all aluminium or steel section with an aluminium folding section. When stowed, the lift forms the vehicle's underrun bumper. The lift is entirely operated by a user friendly *K-plus* control system and optional EasyMove control. Ideal for frequent use.

### Diagram

a (mm)	Q (kg)
750	2000
900	1650
1100	1300
1600	950



# Robust retractable tail lift 2000 kg lifting capacity



## Weights

### Platf. type Alum./Alum.

Platform width (mm) 2400

Platform height (mm)

1605 546 kg

1700 555 kg

### Platf. type Steel/Alum.

Platform width (mm) 2400

Platform height (mm)

1600 577 kg

1700 585 kg

Weight of retraction unit 175 kg

## Dimensions

		2000 KLUZ				
Lift arms (in mm)		700	800	900	1000	1100
H (max.)	Loading height unloaded	1200	1428	1548	1651	1793
H (min.)	Loading height loaded	883	1011	1006	950	1023
F (max.)	Middle of main beam to upper edge of loading floor	650	817	924	977	1056
K (min.)	At dimension F (max.)	618	601	623	721	783
D (min.)	Installation space (min.)	1800	1800	1900	1900	2000
F (min.)		508	566	614	569	608
K (max.)	At dimension F (min.)	726	820	907	1040	1132
G (max.)	Unloaded (middle of main beam to ground)	550	611	624	674	737
G (min.)	Loaded	375	445	392	381	415
E (max.)	Vehicle frame width (max.)	920	920	920	920	920
E (min.)	Vehicle frame width (min.)	645	645	645	645	645

## Technical data

		2000 KLUZ
Lifting capacity		2000 kg
Main beam		180 x 180 mm
Lifting gear hydraulics		2 x lift cylinder / 2 x tilt cylinder / 1 x moving cylinder
Lift arm pitch		750 / 1300 / 1480 mm
Load centre - lengthwise		750 mm
Load centre - across center		50 % of the full load on one side
Inclination angle of the platform		+10° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

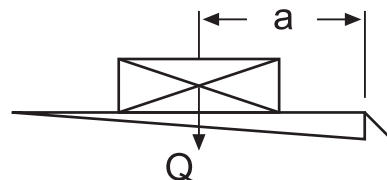
## 2000 KUZ



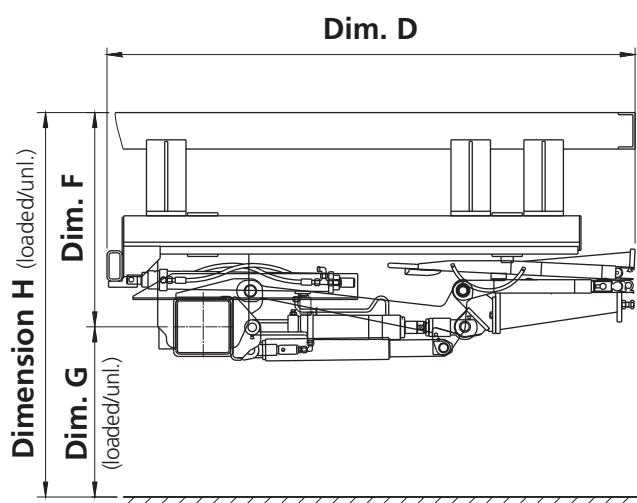
The 2000 KUZ is a robust retractable lift with 1000 mm load centre. A push-pull cylinder aligned lengthwise moves the lift into the desired position. Stowing 'completely' out of the way under the rear of the vehicle it is ideal for fork lift and dock loading operations. Suitable for dry freight and refrigerated applications. The lift leaves the factory fully assembled and with the lift unit KTL coated, ready for clamping onto the chassis supplied with kits suitable for trucks or trailers. Single fold platforms are available in a range of sizes - either all aluminium or steel section with an aluminium folding section. When stowed, the lift forms the vehicle's underrun bumper. The lift is entirely operated by a user friendly *K-plus* control system and optional EasyMove control. Ideal for frequent use.

### Diagram

a (mm)	Q (kg)
1000	2000
1200	1650
1500	1350
1800	1100



# Robust retractable tail lift for frequent use



## Weights

### Platf. type Alum./Alum.

Platform width (mm) 2400

Platform height (mm)

1605 548 kg

1700 557 kg

### Platf. type Steel/Alum.

Platform width (mm) 2400

Platform height (mm)

1600 579 kg

1700 587 kg

Weight of retraction unit 175 kg

## Dimensions

		2000 KUZ			
Lift arms (in mm)		700	800	900	1000
H (max.)	Loading height unloaded	1200	1428	1444	1651
H (min.)	Loading height loaded	883	1011	1006	950
F (max.)	Middle of main beam to upper edge of loading floor	-	-	820	977
K (min.)	At dimension F (max.)	618	601	751	721
D (min.)	Installation space (min.)	1800	1800	1900	1900
F (min.)		-	-	614	569
K (max.)	At dimension F (min.)	726	820	907	1040
G (max.)	Unloaded (middle of main beam to ground)	-	-	624	674
G (min.)	Loaded	-	-	392	381
E (max.)	Vehicle frame width (max.)	920	920	920	920
E (min.)	Vehicle frame width (min.)	645	645	645	645

## Technical data

		2000 KUZ
Lifting capacity		2000 kg
Main beam		180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder / 1 x moving cylinder	
Lift arm pitch		1300 mm
Load centre - lengthwise		1000 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+10° to -10°	

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

## 2500 KLUZ

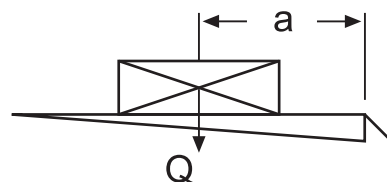


The single-fold 2500 KLUZ features advanced technology and high lifting capacity. A push-pull cylinder aligned lengthwise moves the lift into the desired position. Stowing 'completely' out of the way under the rear of the vehicle it is ideal for fork lift and dock loading operations. Suitable for dry freight and refrigerated applications. The lift leaves the factory fully assembled and with the lift unit KTL coated, ready for clamping onto the chassis supplied with kits suitable for trucks or trailers.

Single fold platforms are available in a range of sizes - either all aluminium or steel section with an aluminium folding section. When stowed, the lift forms the vehicle's underrun bumper. The lift is entirely operated by a user friendly *K-plus* control system and optional EasyMove control. Ideal for frequent use.

### Diagram

a (mm)	Q (kg)
750	2500
900	2050
1100	1700
1600	1150
2400	750





Platf. type	Steel/Alum.
Platform width (mm)	2400
Platform height (mm)	
1600	581 kg
1700	589 kg
Weight of retraction unit	175 kg

				2500 KLUZ	
Lift arms (in mm)		700	800	900	1000
H (max.)	Loading height unloaded	1200	1428	1444	1651
H (min.)	Loading height loaded	883	1011	1006	950
F (max.)	Middle of main beam to upper edge of loading floor	-	-	820	977
K (min.)	At dimension F (max.)	618	601	751	721
D (min.)	Installation space (min.)	1800	1800	1900	1900
F (min.)		-	-	614	569
K (max.)	At dimension F (min.)	726	820	907	1040
G (max.)	Unloaded (middle of main beam to ground)	-	-	624	674
G (min.)	Loaded	-	-	392	381
E (max.)	Vehicle frame width (max.)	920	920	920	920
E (min.)	Vehicle frame width (min.)	645	645	645	645

		<b>2500 KLUZ</b>
Lifting capacity		2500 kg
Main beam		180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder / 1 x moving cylinder	
Lift arm pitch		750 / 1300 / 1480 mm
Load centre - lengthwise		750 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform		+10° to -10°

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## 2500 KUZ / 3000 KUZ



Heavy duty retractable lift available in two capacities. Stowing 'completely' out of the way under the rear of the vehicle it is ideal for fork lift and dock loading operations. Suitable for dry freight and refrigerated applications.

The lift leaves the factory fully assembled ready for clamping onto the trailer's chassis. Single fold platforms are available in a range of sizes, with steel section and aluminium folding section. When stowed, the lift forms the vehicle's underrun bumper.

The lift is entirely operated by a user friendly *K-plus* control system and optional EasyMove control. Ideal for frequent use.

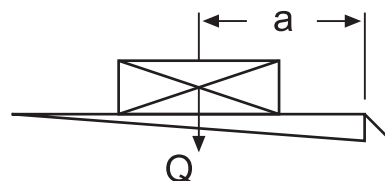
### Diagram

#### 2500 KUZ

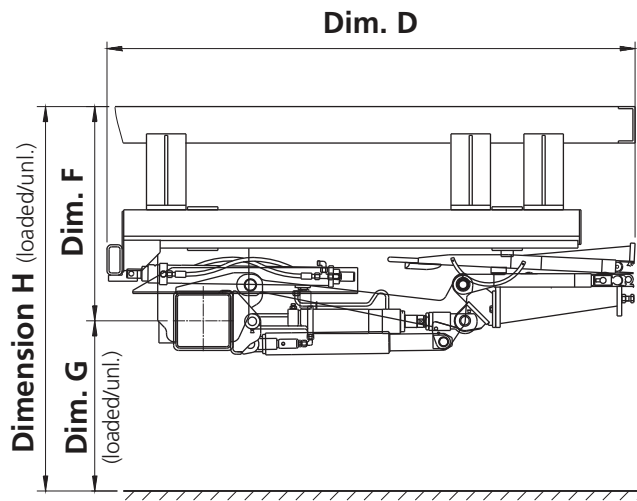
a (mm)	Q (kg)
1200	2500
1400	2100
1600	1875
1800	1650
2400	1250

#### 3000 KUZ

a (mm)	Q (kg)
1000	3000
1200	2500
1500	2000
1800	1650
2400	1250



# Heavy duty designed for heavy loads



## Weights

### 2500 KUZ Steel/Alum.

Platform width (mm) 2450

Platform height (mm)

1800 711 kg

2000 733 kg

### 3000 KUZ Steel/Alum.

Platform width (mm) 2450

Platform height (mm)

1800 715 kg

2000 737 kg

Weight of retraction unit 240 kg

## Dimensions

2500 / 3000 KUZ		
Lift arms (in mm)		900
H (max.)	Loading height unloaded	1554
H (min.)	Loading height loaded	1030
F (max.)	Middle of main beam to upper edge of loading floor	924
K (min.)	At dimension F (max.)	654
D (min.)	Installation space (min.)	1830
F (min.)		645
K (max.)	At dimension F (min.)	901
G (max.)	Unloaded (middle of main beam to ground)	630
G (min.)	Loaded	358
E (max.)	Vehicle frame width (max.)	935
E (min.)	Vehicle frame width (min.)	650

## Technical data

	2500 KUZ	3000 KUZ
Lifting capacity	2500 kg	3000 kg
Main beam	190 x 190 mm	190 x 190 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder / 1 x moving cylinder	
Lift arm pitch	1300 mm	1300 mm
Load centre - lengthwise	1200 mm	1000 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+10° to -10°	+10° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

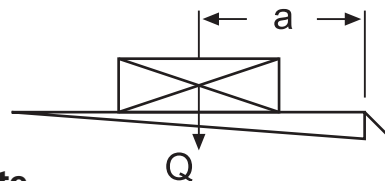
## 1500 / 2000 TrailGate



A specially designed retractable tail lift for easy assembly on semi-trailers with a frame width of approximately 1300 mm.

An integrated aluminium bridgeplate can easily be modified to avoid door locks and dock bumpers.

### Diagram



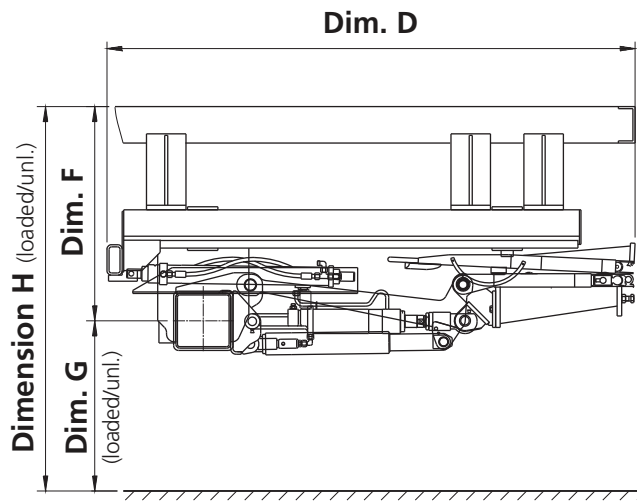
#### 1500 TrailGate

a (mm)	Q (kg)
1000	1500
1200	1250
1500	1000
1850	800

#### 2000 TrailGate

a (mm)	Q (kg)
750	2000
900	1650
1100	1300
1600	950

# The latest retractable tail lift – compact and easy to fit



## Weights

Platf. type	Steel/Alum.
Platform width (mm)	2400
Platform height (mm)	
1700	503 kg
Weight of retraction unit	175 kg

## Dimensions

		1500 / 2000 TrailGate	
Lift arms (in mm)		800	900
H (max.)	Loading height unloaded	1383	1441
H (min.)	Loading height loaded	1011	1006
F (max.)	Middle of main beam to upper edge of loading floor	772	817
K (min.)	At dimension F (max.)	601	623
D (min.)	Installation space (min.)	1924	2066
F (min.)		566	614
K (max.)	At dimension F (min.)	820	907
G (max.)	Unloaded (middle of main beam to ground)	611	624
G (min.)	Loaded	445	392
E (max.)	Vehicle frame width (max.)	1490	1490
E (min.)	Vehicle frame width (min.)	1330	1330

## Technical data

	1500 TrailGate	2000 TrailGate
Lifting capacity	1500 kg	2000 kg
Main beam	180 x 180 mm	180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder / 1 x moving cylinder	
Lift arm pitch	820 mm	820 mm
Load centre - lengthwise	1000 mm	750 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+10° to -10°	+10° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

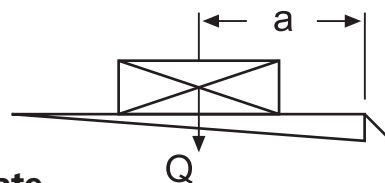
## 1500 / 2000 TruckGate



A specially designed retractable tail lift for easy assembly on vehicles with a frame width of approximately 750 - 865 mm. The guide rails are included in a frame and can be assembled without requiring adjustment.

The platform is available in a range of sizes and models – either all aluminium or steel section with an aluminium folding section.

### Diagram



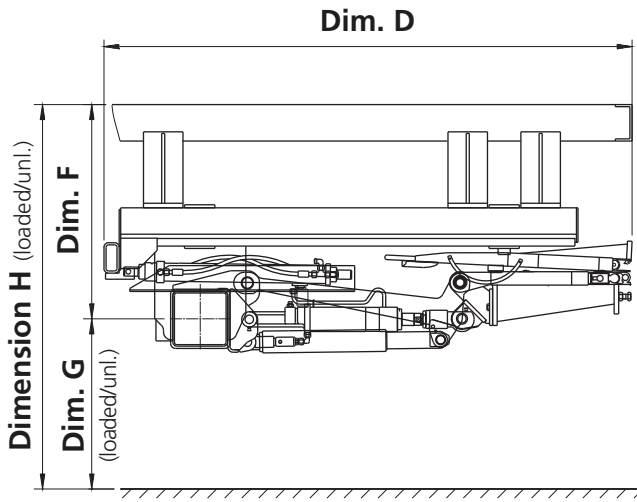
#### 1500 TruckGate

a (mm)	Q (kg)
1000	1500
1200	1250
1500	1000
1850	800

#### 2000 TruckGate

a (mm)	Q (kg)
750	2000
900	1650
1100	1300
1600	950

## Retractable "truck tail lift"



## Weights

## Platf. type Alum./Alum.

Platform width (mm)	2400
Platform height (mm)	
1605	470 kg
1700	479 kg

Platf. type	Steel/Alum.
-------------	-------------

Platform width (mm)	2400
Platform height (mm)	1700
	508 kg
Weight of retraction unit	175 kg

## Dimensions

		1500 / 2000 TruckGate	
Lift arms (in mm)		800	900
H (max.)	Loading height unloaded	1428	1548
H (min.)	Loading height loaded	1001	1006
F (max.)	Middle of main beam to upper edge of loading floor	650	817
K (min.)	At dimension F (max.)	618	601
D (min.)	Installation space (min.)	1770	1870
F (min.)		508	566
K (max.)	At dimension F (min.)	726	820
G (max.)	Unloaded (middle of main beam to ground)	550	611
G (min.)	Loaded	375	445
E (max.)	Vehicle frame width (max.)	865	865
E (min.)	Vehicle frame width (min.)	752	752

## Technical data

	1500 TruckGate	2000 TruckGate
Lifting capacity	1500 kg	2000 kg
Main beam	180 x 180 mm	180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder / 1 x moving cylinder	
Lift arm pitch	1300 mm	1300 mm
Load centre - lengthwise	1000 mm	750 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+10° to -10°	+10° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

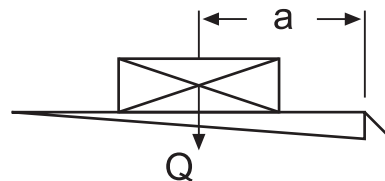
## 1500 / 2000 KUZK



Robust retractable lift available in two capacities specially designed for drawbar applications. Stowing 'completely' out of the way under the rear of the vehicle it is ideal for fork lift and dock loading operations. Suitable for dry freight and refrigerated applications.

The lift leaves the factory fully assembled ready for clamping onto the chassis supplied with kits suitable for trucks or trailers. Single fold platforms are available in a range of sizes - either all aluminium or steel section with an aluminium folding section. When stowed, the lift forms the vehicle's underrun bumper. The lift is entirely operated by a user friendly *K-plus* control system and optional EasyMove control. Ideal for frequent use.

### Diagram



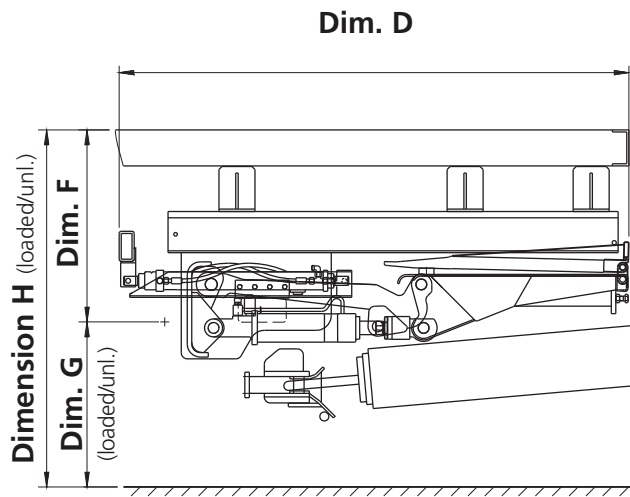
#### 1500 KUZK

a (mm)	Q (kg)
1000	1500
1200	1250
1500	1000
1850	800

#### 2000 KUZK

a (mm)	Q (kg)
750	2000
900	1650
1100	1300
1600	950

# Designed specifically for use with drawbar trailers



## Weights

### Platf. type Alum./Alum.

Platform width (mm) 2400

Platform height (mm)

1605 551 kg

1700 560 kg

Weight of retraction unit 175 kg

### Platf. type Steel/Alum.

Platform width (mm) 2400

Platform height (mm)

1600 571 kg

1700 580 kg

Weight of retraction unit 190 kg

## Dimensions

		1500 / 2000 KUZK				
Lift arms (in mm)		700	800	900	1000	1100
H (max.)	Loading height unloaded	1200	1428	1548	1651	1793
H (min.)	Loading height loaded	883	1011	1006	950	1023
F (max.)	Middle of main beam to upper edge of loading floor	650	817	924	977	1056
K (min.)	At dimension F (max.)	618	601	623	721	783
D (min.)	Installation space (min.)	1630	1740	1740	1840	1840
F (min.)		508	566	614	569	608
K (max.)	At dimension F (min.)	726	820	907	1040	1132
G (max.)	Unloaded (middle of main beam to ground)	550	611	624	674	737
G (min.)	Loaded	375	445	392	381	415
E (max.)	Vehicle frame width (max.)	1070	1070	1070	1070	1070
E (min.)	Vehicle frame width (min.)	800	750	800	800	800

## Technical data

	1500 KUZK	2000 KUZK
Lifting capacity	1500 kg	2000 kg
Main beam	180 x 180 mm	180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder / 1 x moving cylinder	
Lift arm pitch	700 - 1100 mm	700 - 1100 mm
Load centre - lengthwise	1000 mm	750 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+0° to -10°	+0° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

## 750 / 1000 KUZFM

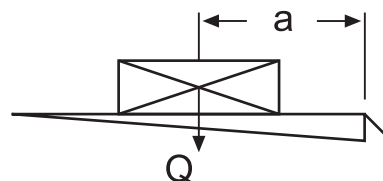


Robust retractable lift available in two capacities with double folding platform ideal for vehicles with short overhangs (from 985 mm). Stowing 'completely' out of the way under the rear of the vehicle it is ideal for fork lift and dock loading operations. Suitable for dry freight and refrigerated applications.

Due to its compact design this lift fits onto 3.5 tonne chassis.

The all aluminium platform is available in a range of depths, from 1050 to 1200 mm. When stowed, the lift forms the vehicle's underrun bumper. The lift is entirely operated by a user friendly *K-plus* control system and optional EasyMove control. The folding platform is spring-assisted. Ideal for frequent use.

### Diagram



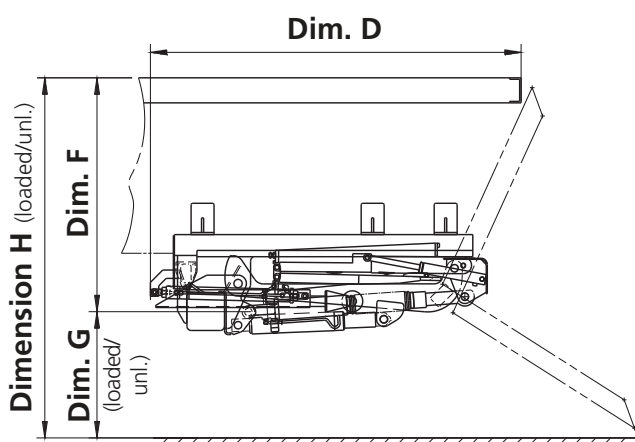
#### 750 KUZFM

a (mm)	Q (kg)
600	750
700	650
820	550

#### 1000 KUZFM

a (mm)	Q (kg)
600	1000
750	800
950	800

# Double fold retractable, with compact design



## Weights

### 750 KUZFM Alum./Alum.

Platform width (mm) 2000

Platform height (mm)

1180 215 kg

### 1000 KUZFM Alum./Alum.

Platform width (mm) 2000

Platform height (mm)

1180 236 kg

Weight of retraction unit 90 kg

## Dimensions

750 / 1000 KUZFM		
Lift arms (in mm)		600
H (max.)	Loading height unloaded	1000
H (min.)	Loading height loaded	715
F (max.)	Middle of main beam to upper edge of loading floor	550
K (min.)	At dimension F (max.)	548
D (min.)	Installation space (min.)	985*
F (min.)		385
K (max.)	At dimension F (min.)	660
G (max.)	Unloaded (middle of main beam to ground)	450
G (min.)	Loaded	330
E (max.)	Vehicle frame width (max.)	870
E (min.)	Vehicle frame width (min.)	750

\* End of retraction rail

## Technical data

	750 KUZFM	1000 KUZFM
Lifting capacity	750 kg	1000 kg
Main beam	180 x 180 mm	180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder / 1 x moving cylinder	
Lift arm pitch	1320 mm	1320 mm
Load centre - lengthwise	600 mm	600 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+10° to -10°	+10° to -10°

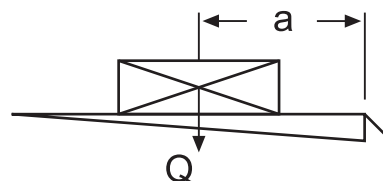
The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

## 1500 / 2000 KUZFM



The double fold 1500 / 2000 KUZFM tail lift is ideal for vehicles with fixed or demountable bodies and short overhangs (minimum 1500 mm). Due to its compact design this lift perfectly fits onto 12 tonne chassis. A push-pull cylinder aligned lengthwise moves the lift into the desired position. Upon request it leaves the factory fully assembled and with the lift unit KTL coated, ready for clamping onto the chassis supplied with kits suitable for trucks or trailers. When stowed, the lift forms the vehicle's underrun bumper. The folding platform is spring-assisted. A bridging plate and various other options are available.

### Diagram



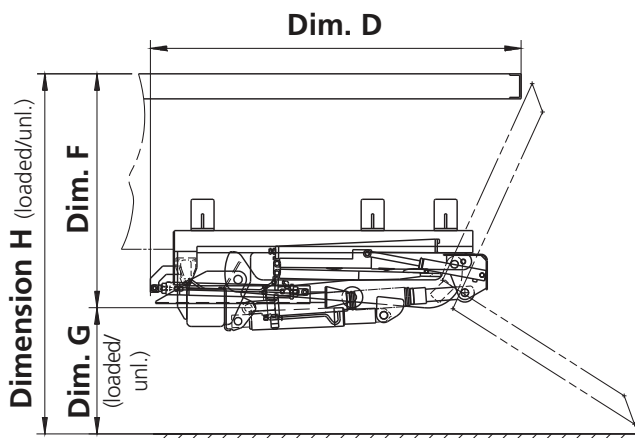
#### 1500 KUZFM

a (mm)	Q (kg)
1000	1500
1200	1250
1500	1000
1850	800

#### 2000 KUZFM

a (mm)	Q (kg)
750	2000
900	1650
1100	1300
1600	950

# Double fold retractable, easy to fit



## Weights

### Platf. type Alum./Alum.

Platform width (mm) 2300

Platform height (mm)

1805 475 kg

Weight of retraction unit 175 kg

## Dimensions

1500 / 2000 KUZFM		
Lift arms (in mm)		1040
H (max.)	Loading height unloaded	1711
H (min.)	Loading height loaded	1060
F (max.)	Middle of main beam to upper edge of loading floor	1111
K (min.)	At dimension F (max.)	536
D (min.)	Installation space (min.)	1500
F (min.)		714
K (max.)	At dimension F (min.)	1006
G (max.)	Unloaded (middle of main beam to ground)	600
G (min.)	Loaded	340
E (max.)	Vehicle frame width (max.)	870
E (min.)	Vehicle frame width (min.)	750

## Technical data

	1500 KUZFM	2000 KUZFM
Lifting capacity	1500 kg	2000 kg
Main beam	180 x 180 mm	180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder / 1 x moving cylinder / 1 x folding cylinder	
Lift arm pitch	1300 mm	1300 mm
Load centre - lengthwise	1000 mm	750 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+10° to -10°	+10° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.

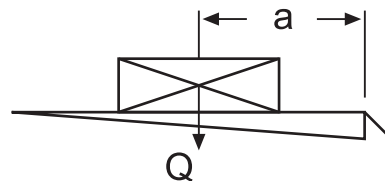
## 1500 / 2000 KUZF



Robust retractable lift with double folded platform ideal for vehicles with demountable bodies and also fixed bodies with short overhangs. The lift including the retraction unit leaves the factory fully assembled with the lift unit powder coated. When stowed, the lift forms the vehicle's underrun bumper. The lift is entirely operated by a user friendly *K-plus* control system and optional EasyMove control. Ideal for frequent use.

Only the spring-assisted platform tip is unfolded manually. The (automatic) adjustment to various container lengths is programmable. The platform has good emergency running properties. A bridge plate and various other options are available.

### Diagram



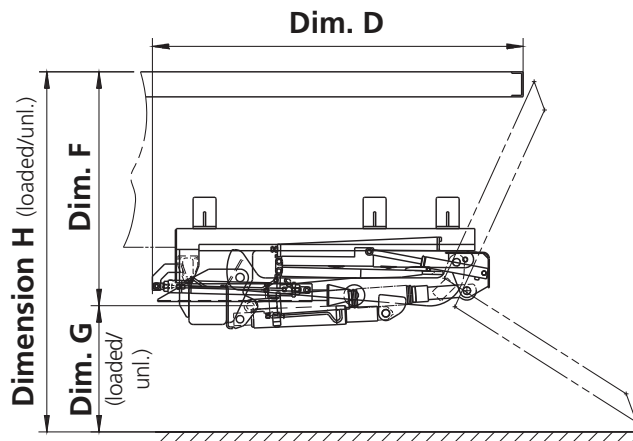
#### 1500 KUZF

a (mm)	Q (kg)
1000	1500
1200	1250
1500	1000
1850	800

#### 2000 KUZF

a (mm)	Q (kg)
750	2000
900	1650
1100	1300
1600	950

# Double fold, hydraulically operated retractable



## Weights

### Platf. type Alum./Alum.

Platform width (mm) 2300

Platform height (mm)

1805 595 kg

Weight of retraction unit 175 kg

## Dimensions

1500 / 2000 KUZF		
Lift arms (in mm)		1040
H (max.)	Loading height unloaded	1733
H (min.)	Loading height loaded	1054
F (max.)	Middle of main beam to upper edge of loading floor	1133
K (min.)	At dimension F (max.)	536
D (min.)	Installation space (min.)	1560
F (min.)		714
K (max.)	At dimension F (min.)	1006
G (max.)	Unloaded (middle of main beam to ground)	600
G (min.)	Loaded	340
E (max.)	Vehicle frame width (max.)	910
E (min.)	Vehicle frame width (min.)	645

## Technical data

	1500 KUZF	2000 KUZF
Lifting capacity	1500 kg	2000 kg
Main beam	180 x 180 mm	180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder / 1 x moving cylinder / 1 x folding cylinder	
Lift arm pitch	1300 mm	1300 mm
Load centre - lengthwise	1000 mm	750 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+10° to -10°	+10° to -10°

The specified weights apply to the lightest platforms of the corresponding height. You will find an overview of weights, lift arm lengths and general technical information in the "Technical Appendix" starting on page 100. Subject to technical changes. Dimensions may vary.



## **Column lifts – standard features**

- Lifting capacity up to 4,000 kg
- Aluminium platform with steel frame for extra strength
- Steel components are shot blasted and KTL-coated
- 1200 mm load centre
- Power opening and closing
- Platform can be raised to any height up to vehicle roof
- Load safety device
- Conforms to CE regulations

# Wide range of column lifts



**We offer a wide range of options allowing you to specify a lift ideally suited to your individual application**

## **Optional extras**

- Rear closure sealing kit
- Side and rear safety gates
- Additional internally mounted control switch
- Warning light in the cab if platform not closed
- Roll stops made to order
- Remote control
- Warning lights
- Top flap
- Circuitry for interior light
- Cycle counter
- Code protected operation
- Integrated rear lights

## Column lifts, specialist and passenger lifts

**RATCLIFF PALFINGER**



MBB PALFINGER's sister company, UK-based RATCLIFF PALFINGER, offers a wide choice of interesting and high quality commercial and passenger lifts to complement the existing MBB range. Besides the innovative commercial column lift solutions for box bodies as well as the specialist lifts for tipper and refrigerated vehicles and double tier applications there is also an extensive range of products for people with reduced mobility.

# Column lifts

## RQ FLEXI-LIFT

- 500 kg capacity – versatile 'mix and match' range
- Designed for small box bodied vehicles
- Lightweight - weighs from 115 kg
- Pre-assembled for an easy and quick installation
- Choose frame, platform and options to suit meet your needs



## RQ QUICKFIT LIFT

- 1000 – 1500 kg capacity
- Suitable for larger box bodied vehicles and flatbeds
- Pre-assembled for an easy and quick installation
- Lightweight Aluminium or steel frames and platforms
- Wide range of options including ramps, safety gates etc.



## RQR REAR CLOSURE LIFT

- 500 – 1000 kg capacity
- Fully pre-assembled tail lift incl. glass fibre reinforced top flap panel
- Very light platforms and lift frame made of Aluminium
- Easy installation - no shutters or doors required
- Different platform dimensions



## RV OVERHEAD BEAM LIFT

- 500 – 1500 kg capacity
- Compatible with barn door closures – ideal for refrigerated vehicle applications
- Platform can be raised above vehicle floor level
- 'Made to measure' platforms including ½ width models
- Wide range of options



# RATCLIFF PALFINGER

## specialist lifts



### RQTT/RQTO TIPPER LIFT

- 500 – 1000 kg capacity
- For smaller and medium-sized tipper vehicles
- 2 platform versions: 'Tip-Though' and 'Tip-Over' models
- In non-tipped mode lifts operate as regular column lift
- Galvanised steel frame



### RD DOUBLE TIER LIFT

- 1000 – 1500 kg capacity
- For double-deck box bodies
- Steel and Aluminium platforms – hydraulic power closure optional
- Lower or overhead drive beam
- Options include ramps, roll stops, platform coatings etc.



### RTP LIFT (Cargo)

- Up to 600 kg capacity
- **NEW** fully-automatic twin-pillar linear lift for inboard installation in panel vans
- Choice of platforms models and sizes
- For vehicles up to max. 1050 mm floor height
- Side guards and handrails optional



### RUL LIFT (Cargo)

- 350 kg capacity
- Underfloor cassette lift for panel vans and smaller box bodies
- Dedicated underfloor installation kits for nearly all vehicles
- Choice of platforms models and sizes
- Provides clear access to rear doors

# Passenger lifts

## RTP60 / RTP50 / RTP40 LIFT

- 600, 500 respectively 400 kg capacity
- **NEW** fully-automatic twin-pillar linear lift for inboard installation in vans and minibuses
- Choice of platforms models and sizes
- For vehicles up to max. 1050 mm floor height
- Innovative safety features



## RUL35 LIFT

- 350 kg capacity
- Compact cassette lift for minibuses and smaller coachbuilt bodies
- Dedicated underfloor installation kits for nearly all vehicles
- Choice of platforms models and sizes
- Provides clear access to rear doors



## RS300 LIFT

- 300 kg capacity
- Semi-automatic step lift
- Use as steps or as a lift
- Specification with 1 up to 3 steps
- Lifting height up to 1300 mm



## RVT300 LIFT

- 300 kg capacity
- Semi-automatic single-arm linear lift for railway vehicles
- Different versions available
- Max. lifting height 1000 mm





The MEDILIFT range of fully automatic, electrically operated lifts is designed for low-floor trams and buses, providing safe and easy access for wheelchair users. The Medilift is particularly useful in areas with no pavements as all passengers, not only wheelchair users, can enter the vehicle with ease.

### **Safety features**

- Automatic roll stop
- Sensitive edges for platform
- Control with integrated diagnostics
- Lift integrated in vehicle safety system
- Safeguard
- Warning stickers
- Antislip surface
- Outputs for buzzers and flashing lights

# The only fully automatic lift solution for low floor trams and buses

## SB 300

### Fully automatic electric column lift

- for low-floor trams

Width platform	1200 mm
Depth platform	870 mm
Height column	840 mm
Length platform ext.	1200 mm
Width platform ext.	925 mm
Capacity	350 kg
Voltage	24 V
Current draw	30 A
Weight	200 kg



## R 3.3

### Fully automatic electric cassette lift

- for low-floor trams

Width cassette	1300 mm
Depth cassette	785 mm
Height cassette	200 mm
Length platform ext.	1200 mm
Width platform ext.	900 mm
Capacity	300 kg
Voltage	24 V
Current draw	30 A
Weight	200 kg



## LB 300

### Fully automatic electric column lift

- for low-floor buses

Width platform	1050 mm
Depth platform	870 mm
Height column	840 mm
Length platform ext.	1200 mm
Width platform ext.	925 mm
Capacity	350 kg
Voltage	24 V
Current draw	30 A
Weight	170 kg



# MEDIRAMPE



The range of MEDIRAMPE ramps includes both fully automatic and manually operated models designed for use in low-floor trams and buses providing easy and safe access for wheelchair users.

The innovative modular ramp FVM, for integrated installation into the vehicle floor, features an extra low height of only 60 mm and a "quick fit frame" for fast and easy maintenance of the ramp. The well-proven tooth-belt drive is used for the FVM ramp.

# MEDIRAMPE ramps – well-proven for more than 20 years

## **FV 850/ FVM 850** **Fully automatic electric** **cassette ramp**

- for integrated installation into the vehicle floor

Length cassette	850 mm
Width cassette	1040 mm
Height cassette	74 / 60 mm
Length ramp	350 / 690 mm
Width ramp	920 mm
Capacity	350 kg
Voltage	24 V
Weight	56 kg
Ext./Retraction time	4.5 sec.



## **EURON** **Fully automatic electric** **cassette ramp**

- for installation under the vehicle floor (retrofit)

Length cassette	1482 mm
Width cassette	1137 mm
Height cassette	80 mm
Length ramp	1170 mm
Width ramp	920 mm
Capacity	350 kg
Voltage	24 V
Weight	65 kg
Ext./Retraction time	8 sec.



## **M 1200** **Manually operated** **cassette ramp**

- for installation under the vehicle floor (retrofit)

Length cassette	1509 mm
Width cassette	1076 mm
Height cassette	66 mm
Length ramp	1150 mm
Width ramp	920 mm
Capacity	350 kg
Voltage	-
Weight	70 kg
Ext./Retraction time	10 sec.



# TRAINLIFT



The range of semi-automatic trainlifts provides safe and easy access for wheelchair users travelling by rail. Stowed neatly inside the entrance to the carriage, the platform pivots round and lowers, bridging the gap between the carriage floor and the platform. For reasons of safety the lift is stowed locked and can only be operated by authorised personnel. The Trainlift is designed for lifting up to 1200 mm.

## **Safety features**

- Automatic roll stop
- Gravity down
- Lockable cover
- Warning stickers + Antislip surface
- Position detection for operation
- Pressure limiting valve

## **Technical specification**

- Steel frame
- Customized cover design
- Light aluminium sandwich platform
- Manual hydraulic pump for emergency

# The flexible lift solution for wheelchair users travelling by rail

## TR 450

### Semi-automatic hydraulic column lift

- lifting up to 450 mm

Height cover	1000 mm
Width cover	1000 mm
Depth cover	300 mm
Length platform	1200 mm
Width platform	800 mm
Capacity	350 kg
Voltage	24 V / 36 V / 110 V
Weight	180 kg
Cycle time	60 sec.



## TRB 600/ 1200

### Semi-automatic hydraulic column lift

- lifting up to 600 mm or 1200 mm

Height cover	1200 mm
Width cover	1000 mm
Depth cover	300 mm
Length platform	1200 mm
Width platform	800 mm
Capacity	350 kg
Voltage	24 V / 36 V / 110 V
Weight	200 kg
Cycle time	60 sec.



## TR 1000

### Semi-automatic hydraulic column lift

- lifting up to 1000 mm

Height cover	1600 mm
Width cover	1000 mm
Depth cover	300 mm
Length platform	1200 mm
Width platform	800 mm
Capacity	350 kg
Voltage	24 V / 36 V / 110 V
Weight	220 kg
Cycle time	60 sec.



# Technical Appendix

## General technical information

Lift and descent speed	max. 0.15 m/s
Opening and closing speed	max. 10° /s
Inclination speed	max. 4° /s

All the tail lifts offered in the catalogue comply with the EC Directive for machinery 98/37/EC.

The underrun bumper is approved in accordance with the EC Directive 70/221/EC.

Dimensions may vary.

Subject to technical changes.

## Technical table – Electrical data

Type	Battery capacity 12 V		Battery capacity 24 V		Recommended capacity Of the alternator		Powerpack motor		Max. operating pressure		Pump capacity	
	Ah		Ah		Watt		Watt		bar		cm <sup>3</sup> / revolution	
<b>Traditional cantilevers</b>												
500 minifix	143		105		800		800		200		1	
500 / 750 M	143		105		630		800		200		1	
1000 ATHLET quattro	143		105		630		2000		200		1	
1000 E	143		105		630		2000		200			
1000 K	143		105		730		2000		200		2	
1500 KL	180		143		730		2000		200		2	
1500 K	180		180		1000		2000		200		2 / 3	
2000 KL	180		180		1000		2000		200		2 / 3	
2000 K	180		180		1000		2000		200		2 / 3	
2500 KL	180		180		1000		2000		210		2 / 3	
1500 / 2000 KK	180		180		1000		2000		200		2 / 3	
1500 / 2000 KS	180		180		1000		2000		200		2 / 3	
2500 KK	180		180		1000		2000		210		2	
2500 / 3000 K	180		180		1000		2000		210		3	
500 / 750 K 1 T L/R	143		205		800		800		200		1	
1000 AQ 1/2T L/R	143		205		630		800		200		1	
1000 K 1/2T L/R	143		205		730		2000		200		2	
<b>Foldable tail lifts</b>												
1500 TwinFold	143		105		730		2000		200		2	
1000 / 1500 KF / KFN	143		105		630		2000		200		2	

Subject to technical changes. Specifications are non-binding. Varying tail lift configurations can result in discrepancies in weight.

## Technical table – Electrical data

Type	Battery capacity 12 V		Battery capacity 24 V		Recommended capacity Of the alternator		Powerpack motor		Max. operating pressure		Pump capacity
	Ah		Ah		Watt		Watt		bar		cm³ / revolution
Retractable tail lifts											
	1000 KUZ	143		105	630		2000		200		2
	1500 KLUZ	143		105	730		2000		200		2
	1500 KUZ	180		180	1000		2000		200		2
	2000 KLUZ	180		180	1000		2000		200		2
	2000 KUZ	180		180	1000		2000		200		2
	2500 KLUZ	180		180	1000		2000		200		2
	2500 KUZ	180		180	1000		2000		200		2
	3000 KUZ	180		180	!!!						

Subject to technical changes. Specifications are non-binding. Varying tail lift configurations can result in discrepancies in weight.

## Technical table – Overview of weights of traditional cantilevers

Types	500 minifix	500 / 750 M	1000	1000 E ATHLET quattro	1000 K	1500 KL	1500 K	2000 KL	2000 K	2500 KL	1500 / 2000 KK	1500 / 2000 KS	2500 KK	2500 / 3000 K
Platform type: Aluminium														
Width in mm	1400	2200	2400	2500	2500	2500	2500	2500	2500	2500	2500	2500	2400	2400
Height in mm														
1200		200*												
1450		209*												
1550		213*	282	377	376	390	507	509	511	513	671	532		
1575	154													
1700			289		384	398	516	518	520	522	680	541		
1820														709
1825			295	391	390	404	524	526	528	530	690	549		
1950						410	532	534	536	538	696	557		
2050					401	415	539	541	543	545	703	564	809	
2070														721
2200						423	548	550	552	554	712	572	821	737
2300							555	557	559	561	719	580		
2400							565	567	569	571	729	590		
2450														780
2650							581	583	585	587	745	606		

Minimum weights in kg, \*1 kg additional weight for 3-piece underrun bumper

Minimum weights in kg (lifting unit weight + platform weight of lightest model)  
Subject to technical changes. Specifications are nonbinding. Varying tail lift configurations can result in discrepancies in weight.

## Technical table – Overview of weights of traditional cantilevers

Types	ATHLET quattro										
Platform type: Steel	1000	1000 K	1500 KL	1500 K	2000 KL	2000 K	2500 KL	1500 / 2000 KK	1500 / 2000 KS	2500 KK	2500 / 3000 K
Platform width in mm	2400	2500	2500	2500	2500	2500	2400	2500	2500	2400	2400
Platform height in mm											
1209	312										
1509	357	519	528	620	623	625	630	767	641		
1809	402	559	568	660	663	665	668	807	681	1000	907
2009										1031	938
2109			608	700	703	705	706	847	721		
2409					743	745	749	887	761	1094	1001

Minimum weights in kg (lifting unit weight + platform weight of lightest model)



## Technical table – Overview of weights of retractable tail lifts

Types	1000 KUZ	1500 KLUZ	1500 KUZ	2000 KLUZ	2000 KUZ	2500 KLUZ	1500 / 2000 TruckGate	1500 / 2000 KUZK	750 KUZFM	1000 KUZFM	1500 / 2000 KUZFM	1500 / 2000 KUZF
<b>Platform type: Aluminium/Aluminium</b>												
Platform width in mm	2400	2400	2400	2400	2400	2400	2400	2400	2000	2000	2300	2300
Platform height in mm									215	236		
1180												
1505												
1605	492	496	544	546	548	550	470	551				
1700	500	505	553	555	557	559	479	560				
1805											475	595
Weight of retraction unit	175	175	175	175	175	175	175	175	90	90	175	175

Types	1000 KUZ	1500 KLUZ	1500 KUZ	2000 KLUZ	2000 KUZ	2500 KLUZ	2500 KUZ	3000 KUZ	1500 / 2000 TrailGate	1500 / 2000 TruckGate	1500 / 2000 KUZK
<b>Platform type: Steel/Alum.</b>											
Platform width in mm	2400	2400	2400	2400	2400	2400	2450	2450	2400	2400	2400
Platform height in mm											
1600	522	527	575	577	579	581					571
1700	530	535	583	585	587	589			503	508	580
1800							711	715			
2000							733	737			
Weight of retraction unit	175	175	175	175	175	175	240	240	175	175	175
Minimum weights in kg											

Minimum weights in kg (lifting unit weight + platform weight of lightest model)  
Subject to technical changes. Specifications are nonbinding. Varying tail lift configurations can result in discrepancies in weight.

## Technical table – Lift arm lengths of traditional cantilevers

Types	500 minifix		500 / 750 M		1000 ATHLET quattro		1000 E		1000 K		1500 KL	
	Lift arm lengths in mm	500	550	700	600	700	700	900	700	800	700	900
H (max.)		780	960	1210	1100	1200	1200	1546	1256	1409	1256	1546
H (min.)		450	700	830	750	825	825	998	906	922	906	998
F (max.)		340	510	650	620	650	650	894	728	811	728	894
K (min.)		546	452	592	467	603	603	626	515	570	515	626
D (min.)		729	543	742	617	773	773	776	665	720	665	776
F (min.)			370	500	420	500	500	625	529	572	529	625
K (max.)			555	721	652	716	716	886	710	801	710	886
D (max.)			646	871	802	886	886	1036	860	951	860	1036

Types	1500 K		2000 KL		2000 KL	
	Lift arm lengths in mm	700	800	900	800	1000
H (max.)		1200	1428	1548	1428	1651
H (min.)		883	941	1006	1011	950
F (max.)		650	817	924	817	977
K (min.)		618	601	623	601	722
D (min.)		768	751	773	751	872
F (min.)		508	566	614	566	569
K (max.)		726	820	907	820	1041
D (max.)		876	970	1057	970	1191

### Explanations:

H (max.): Loading height unloaded  
D (min.): Installation space (min.)

H (min.): Loading height loaded  
F (min.):

F (max.): Middle of main beam to upper edge of loading floor  
K (max.): At dimension F (min.)

K (min.): At dimension F (max.)  
D (max.): Installation space (min.)

Subject to technical changes. Specifications are nonbinding. Varying tail lift configurations can result in discrepancies in weight.

## Technical table – Lift arm lengths of traditional cantilevers

Types	1500 / 2000 KS			2000 K			2500 KL		
Lift arm lengths in mm	750	800	850	950	700	800	900	1000	1000
H (max.)	1340	1416	1505	1657	1160	1345	1444	1651	1651
H (min.)	1127	1165	1204	1281	883	941	1006	950	950
F (max.)	858	904	967	1061	650	785	820	977	977
K (min.)	413	434	410	444	618	641	751	722	722
D (min.)	563	584	560	594	768	791	901	872	872
F (min.)	742	780	819	896	508	566	614	569	569
K (max.)	602	635	666	730	726	820	907	1041	1041
D (max.)	752	785	816	880	876	970	1057	1191	1191

Types	1500 / 2000 KK		2500 KK		2500 / 3000 K		500 / 750 K 1T L/R		1000 K 1/2T L/R		1000 ATHLET quattro 1/2T L/R	
Lift arm lengths in mm	1100	1377	1100	1377	900	1000	600	700	700	700	700	700
H (max.)	1793	1793	1577	1577	1554	1748	1120	1263	1263	1256	1210	1256
H (min.)	1023	1023	835	835	1030	1180	710	759	759	906	830	906
F (max.)	1056	1056	840	840	924	1027	620	703	703	728	650	728
K (min.)	783	783	1010	1010	654	679	417	473	473	514	592	514
D (min.)	1028	1028	1145	1145	809	834	532	588	588	664	742	664
F (min.)	608	608	420	420	645	795	380	429	429	529	500	529
K (max.)	1132	1132	1189	1189	901	922	623	711	711	710	721	710
D (max.)	1377	1377	1324	1324	1056	1077	738	826	826	860	871	860

### Explanations:

H (max.): Loading height unloaded  
D (min.): Installation space (min.)

H (min.): Loading height loaded  
F (min.):

F (max.): Middle of main beam to upper edge of loading floor  
K (max.): At dimension F (min.)

K (min.): At dimension F (max.)  
D (max.): Installation space (min.)

Subject to technical changes. Specifications are nonbinding. Varying tail lift configurations can result in discrepancies in weight.

## Technical table – Lift arm lengths of foldable and retractable tail lifts

Types	1000 / 1500 TwinFold			1000 / 1500 KF			1000 / 1500 KFN			1000 KUZ			1500 KLUZ		
	Lift arm lengths in mm														
H (max.)	900	1500	1420	800	900	1000	900	1000	700	800	900	700	800	900	
H (min.)	-		972	822	896	980	896	980	906	922	998	906	922	998	1546
F (max.)	850		822	694	763	815	806	860	728	811	894	728	811	894	
K (min.)	820		1065-850	1215-1000	1130-1070	794	737	794	515	570	626	515	570	626	1900
D (min.)	K+340		607	910	937	1023	980	1065	1800	1800	1900	1800	1800	1900	
F (min.)	737		910	598	365	378	650	570	529	572	625	529	572	625	625
K (max.)	955		598	365	1120	750	750	750	710	801	886	710	801	886	886
G (max.)	650		365	1120	750	750	750	750	528	598	652	528	598	652	652
G (min.)	400		1120	750	750	750	750	750	377	350	373	377	350	373	373
E (max.)	870		750	750	750	750	750	750	920	920	920	920	920	920	920
E (min.)	650								645	645	645	645	645	645	645

### Explanations:

H (max.): Loading height unloaded  
F (min.)  
E (min.) Vehicle frame width (min.)

H (min.): Loading height loaded  
K (max.): At dimension F (min.)

F (max.): Middle of main beam to upper edge of loading floor  
G (max.): Unloaded (middle of main beam to ground)

K (min.): At dimension F (max.)  
G (min.): Loaded

D (min.): Installation space (min.)  
E (max.): Vehicle frame width (max.)

Subject to technical changes. Specifications are nonbinding. Varying tail lift configurations can result in discrepancies in weight.

## Technical table – Lift arm lengths of foldable and retractable tail lifts

Types	1500 KUZ					2000 KLUZ				
	700	800	900	1000	1100	700	800	900	1000	1100
Lift arm lengths in mm										
H (max.)	1200	1428	1548	1651	1793	1200	1428	1548	1651	1793
H (min.)	883	1011	1006	950	1023	883	1011	1006	950	1023
F (max.)	650	817	924	977	1056	650	817	924	977	1056
K (min.)	618	601	623	721	783	618	601	623	721	783
D (min.)	1800	1800	1900	1900	2000	1800	1800	1900	1900	2000
F (min.)	508	566	614	569	608	508	566	614	569	608
K (max.)	726	820	907	1040	1132	726	820	907	1040	1132
G (max.)	550	611	624	674	737	550	611	624	674	737
G (min.)	375	445	392	381	415	375	445	392	381	415
E (max.)	920	920	920	920	920	920	20	920	920	920
E (min.)	645	645	645	645	645	645	645	645	645	645

### Explanations:

H (max.): Loading height unloaded

F (min.)

E (min.) Vehicle frame width (min.)

H (min.): Loading height loaded

K (max.): At dimension F (min.)

F (max.): Middle of main beam to upper edge of loading floor

G (max.): Unloaded (middle of main beam to ground)

K (min.): At dimension F (max.)

G (min.): Loaded

D (min.): Installation space (min.)

E (max.): Vehicle frame width (max.)

Subject to technical changes. Specifications are nonbinding. Varying tail lift configurations can result in discrepancies in weight.

## Technical table – Lift arm lengths of foldable and retractable tail lifts

Types	2000 KUZ					2500 KLUZ					2500 KUZ	3000 KUZ	1500 / 2000 TrailGate	
Lift arm lengths in mm	700	800	900	1000		700	800	900	1000		900	900	800	900
H (max.)	1200	1428	1444	1651		1200	1428	1444	1651		1554	1554	1383	1441
H (min.)	883	1011	1006	950		883	1011	1006	950		1030	1030	1011	1006
F (max.)			820	977				820	977		924	924	772	817
K (min.)	618	601	751	721		618	601	751	721		654	654	601	623
D (min.)	1800	1800	1900	1900		1800	1800	1900	1900		1830	1830	1924	2066
F (min.)			614	569				614	569		645	645	566	614
K (max.)	726	820	907	1040		726	820	907	1040		901	901	820	907
G (max.)			624	674				624	674		630	630	611	624
G (min.)			392	381				392	381		358	358	445	392
E (max.)	920	920	920	920		920	920	920	920		935	935	1490	1490
E (min.)	645	645	645	645		645	645	645	645		650	650	1330	1330

### Explanations:

H (max.): Loading height unloaded  
F (min.)  
E (min.) Vehicle frame width (min.)

H (min.): Loading height loaded  
K (max.): At dimension F (min.)

F (max.): Middle of main beam to upper edge of loading floor  
G (max.): Unloaded (middle of main beam to ground)

K (min.): At dimension F (max.)  
G (min.): Loaded

D (min.): Installation space (min.)  
E (max.): Vehicle frame width (max.)

Subject to technical changes. Specifications are nonbinding. Varying tail lift configurations can result in discrepancies in weight.

### Technical table – Lift arm lengths of foldable and retractable tail lifts

Types	1500 / 2000 TruckGate		1500 / 2000 KUZK					750 / 1000 KUZFM	1500 / 2000 KUZFM	1500 / 2000 KUZF
	800	900	700	800	900	1000	1100	600	1040	1040
Lift arm lengths in mm										
H (max.)	1428	1548	1200	1428	1548	1651	1793	1000	1711	1733
H (min.)	1001	1006	883	1011	1006	950	1023	715	1060	1054
F (max.)	650	817	650	817	924	977	1056	550	1111	1133
K (min.)	618	601	618	601	623	721	783	548	536	536
D (min.)	1770	1870	1630	1740	1740	1840	1840	985*	1500	1560
F (min.)	508	566	508	566	614	569	608	385	714	714
K (max.)	726	820	726	820	907	1040	1132	660	1006	1006
G (max.)	550	611	550	611	624	674	737	450	600	600
G (min.)	375	445	375	445	392	381	415	330	340	340
E (max.)	865	865	1070	1070	1070	1070	1070	870	870	910
E (min.)	752	752	800	750	800	800	800	750	750	645

**Explanations:**

H (max.): Loading height unloaded  
F (min.)  
E (min.) Vehicle frame width (min.)

Subject to technical changes. Specifications are nonbinding. Varying tail lift configurations can result in discrepancies in weight.

H (min.): Loading height loaded  
K (max.): At dimension F (min.)  
\*) Ende Verfahrensreihe

F (max.): Middle of main beam to upper edge of loading floor  
G (max.): Unloaded (middle of main beam to ground)

K (min.): At dimension F (max.)  
G (min.): Loaded

D (min.): Installation space (min.)  
E (max.): Vehicle frame width (max.)

Dimensions may vary. Subject to technical changes, errors and translation mistakes.



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