

# THE LIGHTEST IN THE MARKET – PTC 1000 LLW

The lightest 1000 kg tail lift  
for your chassis

LIFETIME EXCELLENCE



# WE ARE AVAILABLE FOR YOU!

## YOUR CONTACTS IN THE REGIONS



**Sales & Services**  
Head of Sales EMEA  
Cédric Raffi  
Tel. +49 (0) 4221 853 355  
Email: awmbb@palfinger.com



**Sales & Services**  
France  
Julien Renou  
Tel. + 33 (0) 2 33 12 44 20  
Email: savpr@palfinger.com



**Sales & Services**  
United Kingdom  
Liam Noone  
Tel. +44 (0) 1707 38 28 80  
Email: salesadmin@palfinger.com



**Sales**  
Southern Europe, Middle East  
Bruno Normand  
Tel. +33 (0) 130 131 528  
Email: b.normand@palfinger.com



**Sales**  
Scandinavia, Baltic, Poland, Switzerland  
Kai Busch  
Tel. +49 (0) 4221 853 250  
Email: k.busch@palfinger.com



**Sales**  
Austria, Croatia, Slovenia  
Günter Gratz  
Tel. +49 (0) 4221 853 355  
Email: g.gratz@palfinger.com

# PUSHING THE BOUNDARIES WITH THE LIGHT

## PTC 1000 LLW

The new PTC 1000 LLW is the **LIGHTEST** 1000 kg tail lift in the entire market. Thanks to its four cylinders, the tail lift is very stable and the most reliable for the 5 to 7.99 tons segment. This new tail lift meets every need for the „last mile“ business. The lightweight design is the perfect solution for customers who look for maximized payload, less fuel consumption and reduced carbon footprint. At the same time the quick and easy installation caters for minimized fitting costs.

The advantages of this tail lift with 1000 kg lifting capacity in brief:

- **Lightest on the market = more payload = less fuel**
- **Very stable thanks to four cylinders**
- **Most reliable**
- **Easy to fit**
- **Optional (retrofit): Ballhead coupling, hydraulic / mechanical stabilizers**

### MAIN APPLICATIONS

- Last mile deliveries
- Rental and leasing
- Small trade businesses
- Crafting companies

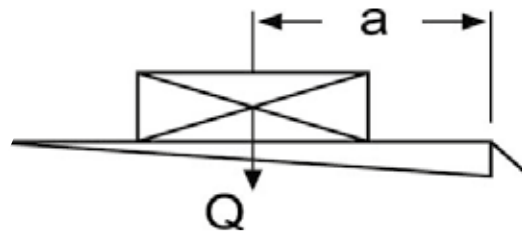
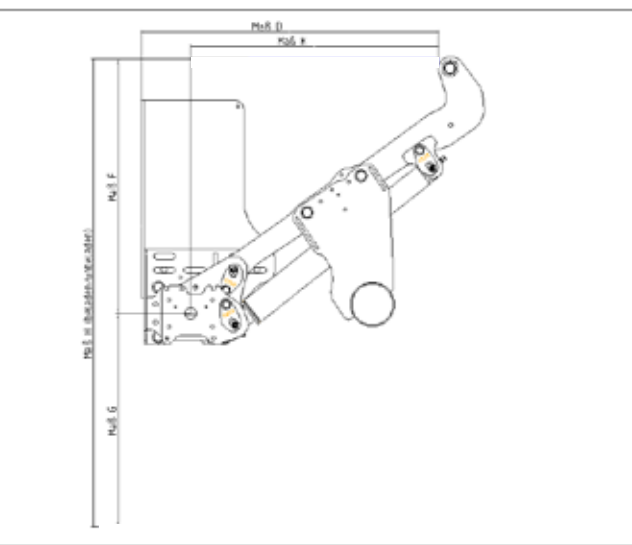


# PERFORMING FEATHERWEIGHT

The new 1000 kg capacity tail lift is the featherweight in the market. The light weight has been achieved through a combination of creative engineering and the use of high grade materials maintaining the traditional stable and evenly balanced tail lift that you can expect from PALFINGER. The powerful four cylinder lift and tilt system provides the strength and reliability that is required in everyday operations.

A wide range of accessories can be retrofitted such as hydraulic / mechanical stabilizers or the fixture for the ballhead coupling.

Explore all standards and options on the following pages.



## Schematic drawing and load diagram

### Dimensions (mm)

Lifting arm length	590	680
H (max.) loading height, unloaded	1030	1150
H (min.) loading height, loaded	698	808
F (max.) middle of beam boxes to upper edge of loading floor	536	600
K (min.) at dimension F (max.)	493	557
D (min.) installation dimension, minimum	635	710
F (min.)	414	508
K (max.) at dimension F (min.)	586	633
D (max.) installation dimension, maximum	728	787
G (max.) unloaded (middle of beam boxes to ground)	494	550
G (min.) loaded	284	300



# EASY TO INSTALL

**Most vehicle types are equipped with a standard main beam using vehicle specific mounting plates.** This caters for optimized fitting times. Additionally, customised fitting kits are available for Mercedes Benz Sprinter and VW Crafter.

This tail lift is quick and very simple to install. A very effective mounting system allows just one technician to mount the tail lift to the chassis using a pallet truck and secure a set of bolts in place.

## Minimum weight, easy to install

### Technical data

Lifting capacity	1000 kg
Lifting gear hydraulics	2 lifting cylinders / 2 tilting cylinders
Platform overlap with floor	- 44 mm
Lifting arm pitch	Depending on vehicle
Load centre, longitudinal	600 mm
Load centre, across centre	Central, 50% of rated load on one side
Inclination angle of the platform	+90° until -10°

### Load diagram

at 600 mm	1000 kg
at 750 mm	800 kg
at 950 mm	600 kg
at 1400 mm	400 kg
at 2400 mm	230 kg

### Alu Platform

**1800 x 2320 mm**

### Weights\* in kg

Mitsubishi Fuso SZ - 750 / 700 mm	237.4 / 236.9
Iveco Daily	237.9
Renault Midlum / MAN TGL	238.4
Iveco Eurocargo	239.3
Mercedes Benz Atego / Sprinter 5t	239.3 / 242.5
MAN TGE / VW Crafter 5t	240.9

### Arm 590 mm available for

Mitsubishi Fuso, Iveco Daily 50C, Mercedes Benz Sprinter 5t  
MAN TGE / VW Crafter 5t

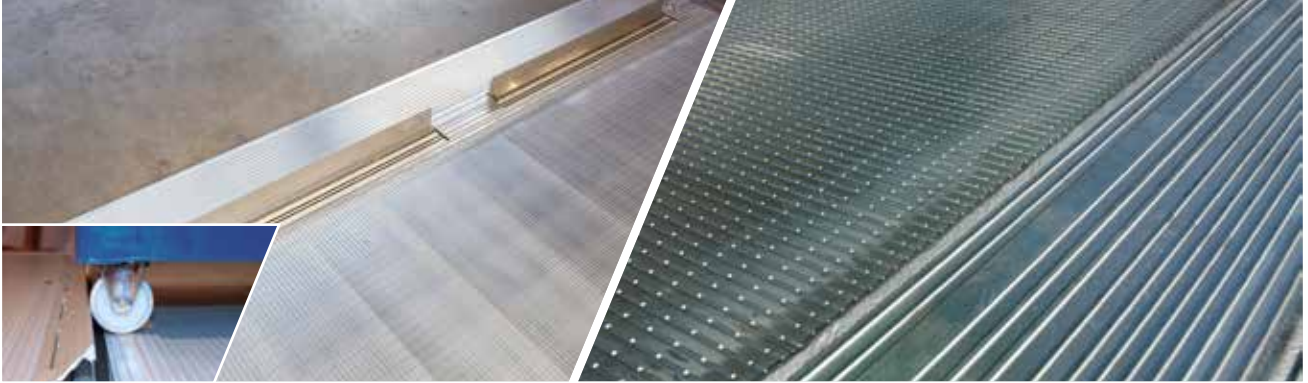
### Arm 680 mm available for

Mercedes Benz Atego, MAN TGL, Renault D 7.5 (Midlum)  
Iveco Eurocargo, Iveco Daily 60C - 72C

\* weights incl fitting brackets, warning lights, rollstops, foot control



# PLATFORM STANDARDS & OPTIONS



## AluLite 30 (Standard)

Proven alu platform from in house production

- Anodized (Option)
- Variety of roll-stops (Options)

## Cross grooves (Standard)

Single or double cross grooves

- Cross grooves anti slip class R10 i.a.w. DIN 51130
- Double cross grooves anti slip class R12 (Option)



## LED flashing lights (Option)

Safety device

- Modern long life LED technology
- With protection bar (Option)

## Painting of the platform outside (Option)

Customization

- Standard RAL colors available
- Special laquer on request



## Seal kit (Option)

- Sealing of the body vs. the platform
- Four sided sealing
- No need to fit heavy costly rear doors

## Plastic-coating (Option)

- Noise reduction (PIEK)
- Anti slip protection anti-slip-class R 12 i.a.w. DIN 51130
- Protection for the platform surface



# LIFTING GEAR STANDARDS & OPTIONS



## Single piece underrun guard (Standard)

Compliant with UN/ECE R58 Amendment 03

- KTL coating for excellent corrosion protection
- KTL plus powder coating in a RAL color according to customer request (Option)



## Power pack with integrated MBB control

- Horizontal mounting
- Easy maintenance
- Temperature resistant down to -25°C
- Organic oil or antifreeze oil (Option)



## Mechanical or hydraulic stabilizer (Option)

- To stabilize the vehicle during loading / unloading



## Stainless steel pins (Standard)

- Highest corrosion resistance
- Easy to install and maintain thanks to patented design



## Ball head coupling (Option)

Example Iveco Daily

- Swan neck technology
- Exemple weight: 51,5 kg
- D-value: 23.5 kN



## Customized packaging (Option)

Space-saving transportation pallet

- Optimizing despatch and storage
- Ease of installation

# OPERATIONS STANDARDS & OPTIONS



## Slim control panel (Standard)

Novelty

- Flat or bracket mounted (Slim control BASIC is standard)
- Background illumination and double 7-segment LED display available (Option)



## Hand control (Option)

2-button or 3-button

- Including wanderlead and bracket
- With integrated magnet and eyelet



## Remote Control Bluetooth (Option)

- Standard lifting operations
- Plus two buttons can be customized to specific requests



## 3 + 1 Push button control (Option)

- Two-hand-operation for the installation within the body
- Or by means of retaining plates below the body



## Foot control (Option)

For the easy „hand-free“ operation

- Traversable
- Safety bar (Option)



## Operating position (Standard with hand control)

When using hand control or remote control

- Milled into platform surface
- Abrasion-resistant



# SENSORS & SOFTWARE OPTIONS



**PC board**  
MBB Control

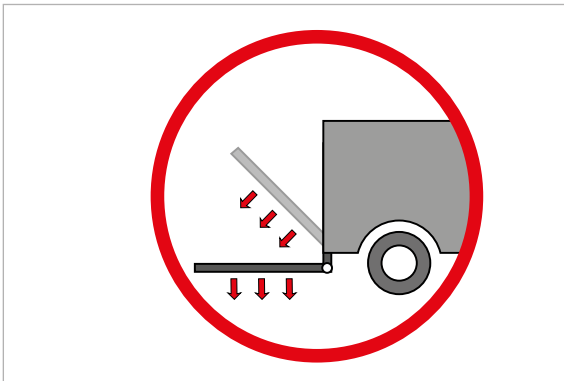
- Eco (Standard)
- Plus (Option)
- Premium (Option)



**Sensor B 15 S (Option)**

Plug & play

- Sensors B13 / B16 (Standard)
- Sensor B 15 S which can be installed easily („plug&play“)



**QuickDown (Option)**

Customizable program

- Opening and lowering of the platform simultaneously
- More efficient loading/unloading



**SmoothTilting (Option)**

Customizable program

- Automatic slow down of platform speed to adapt to fragile loads
- Accurate operations



**GeoFencing (Option)**

Customizable program

- Tail lift opening only allowed in pre-set GPS areas



**ETMA\* interface (Option)**

For preconfigured vehicles

- Easy and quick connection

\* European Tail Lifts Manufacturers Association (previously VEHH)

# CUSTOMER CARE & LIFETIME SERVICES

## Maximized availability

Our products are premium quality and boost high load capacity. Excellent durability and hi-tech processing result in a range of extremely robust and reliable tail lifts. If, however, support is needed, PALFINGER provides comprehensive support for repairs, maintenance and the ordering of spare parts. For more information and to make use of our service partner search, please visit

[WWW.PALFINGER.COM/EN/SALES-SERVICE-SEARCH](http://WWW.PALFINGER.COM/EN/SALES-SERVICE-SEARCH)



**Long lasting wearing parts**

Latest manufacturing technologies cater for premium components. All platforms and components are developed and manufactured in accordance with the Machinery Directive 2006/42/EC, the EN 1756-1 for tail lifts and other regulations.



**Service partner network**

Find your service partner via web search or app. More than 300 service partner in France, more than 40 service partner in the UK and more than 900 service partner in Germany / Austria / Switzerland.



**Service app**

The PALFINGER tail lifts diagnosis system is part of the PALCODE which may help localizing and repairing faults.



**Technical support & training**

Telephone support from skilled service personnel.

Tel. +44 (0) 80800 24 365  
Email: [salesadmin@palfinger.com](mailto:salesadmin@palfinger.com)

In addition, technical individual / group training courses are offered.



**Service technicians**

Field service of skilled service personnel who will minimize down times and maximize performance of the tail lift.



**Warranty**

24 months warranty on parts and labour are included as standard in France, Germany, Austria and UK.

# PALFINGER ORIGINAL SPARE PARTS AVAILABILITY

With original spare parts your tail lift remains an original keeping it safe and reliable



The spotless functionality of the tail lift is an essential element when it comes to maintaining the economy of a truck. PALFINGER therefore believes in the originality of its spare parts! They are perfectly matched to the tail lifts and therefore simplify the installation / replacement or retrofit.

## There are many reasons to use PALFINGER original spare parts:

- The spare parts correspond to the current state of product technology
- Reduction of maintenance and repair costs: e.g. faster installation due to exact fit of spare parts and lift
- The required spare parts are delivered quickly and easily - including next day in regions where express delivery is available

## The advantages of the online shop:

- Detailed information of parts required including available stock
- Allocation of shop access with individual display to end customers
- Free shipping is possible in Germany (standard shipping via UPS)!

## The multilingual online shop enables fast and easy ordering of spare parts 24/7:

- Spare parts orders with availability check & shipment tracking
- Online warranty claims for tail lifts and spare parts, warranty extensions, E-Claim



[WWW.EETK.EU](http://WWW.EETK.EU)



