

**PALFINGER**

# **PALFINGER TAIL LIFTS**

## **C 2000 S**

## **C 2000 SK**

**LIFETIME EXCELLENCE**



# WHY PALFINGER TAIL LIFTS

**For more than 50 years PALFINGER tail lifts have successfully facilitated the safe loading and unloading of trucks and vehicles.**

**With over 40 different models and 170 model configurations, PALFINGER serves capacities from 500 to 4,000 kg.**

PALFINGER tail lifts are known to be extremely reliable products that meet the strictest safety standards. They are highly adaptable due to customized software solutions and come with a comprehensive 24/7 service package. We continuously meet these high expectations with every new product we add to our portfolio.

When developing a new tail lift, PALFINGER always pays close attention to the needs of end-users and body builders alike. Operators want a tail lift to be reliable, robust and lightweight, while body builders demand solutions that are easy to install and minimize fitting costs. Our heavy duty commercial range ticks these important boxes.

The recent surge in delivery volumes goes hand-in-hand with increased responsibility. The focus in the truck industry is shifting to emissions reduction, weight saving, and fleet electrification.

PALFINGER is ready to facilitate this transition to sustainability and increased efficiency.

Our heavy duty commercial vehicle range is diverse and offers:

- The optimum platform for your application
- Robust design which reduces downtime to the absolute minimum
- Flexible solutions to optimize your vehicle operation
- Customized software solutions to adapt your lift the way you want it
- Option of optimal 4 sides seal kit eliminating the need for rear doors further reducing weight and time to access your goods
- Slim control panel providing ergonomic access to the operations controls on the side of the vehicle
- Options such as ball head coupling and Bluetooth remote control
- Service app to IMPACT your uptime



# A TRUE **WORK HORSE** FOR YOUR HEAVY DUTY NEEDS

There are many challenges in today's heavy duty distribution: High payloads, lack of time, riggering and unhitching in confined spaces, goods that need to be handled with care, long service life to name but a few.

PALFINGER Tail Lifts has the best possible tail lifts to handle these challenges.

## **FOOD AND BEVERAGE DISTRIBUTION**

A true workhorse of the food and beverage industry, these tail lifts provide the level loading requirements at all heights ensuring the safe handling of goods. The sliding system is driven by hydraulic cylinders which are reliable to operate in all hostile climates and environments.

## **TRANSPORT LOGISTICS**

Whether you are a large transport corporation or a one-man operation: PALFINGER tail lifts are reliable and long-lasting for the commercial transport vehicle. Compact in size, easy to fit and simple in operation, the PALFINGER tail lifts support the safe, comfortable and fast loading/unloading of trucks, trailers and semi-trailers.

## **MUNICIPALITIES AND RESCUE SERVICES**

Specific applications require dedicated solutions. When it comes to user-friendliness and customization, PALFINGER has a variety of solutions that cater to the very special daily needs of those who save lives such as fire brigades, rescue services or civil protection. Just to name a few of the many special features: QuickDown, heavy duty interlock and foldable platform.

# TAIL LIFTS FOR 2000 KG CAPACITY

For your heavy hauls there is no better solution than PALFINGER tail lifts that are tailored for industries like Food & Beverages and logistics. The new design with a hydraulic underrun protection device is perfect for time-efficient use of the truck with a trailer.



## C 2000 S

Strong and robust

- 2,000 kg lifting capacity with 1,000 mm load distance
- Available with aluminium or steel platform
- 4-cylinder lifting mechanism with lifting arm lengths from 700-1,000 mm
- Versatile attachment to all common vehicle types
- Large selection of optional equipment available
- Optimized positioning of power-pack and associated connections
- Higher user comfort due to the combined QuickDown & SmoothTilting

## C 2000 SK

With hydraulic underrun protection guard

- The work horse for professional goods distribution
- For motor vehicles with a low-mount coupling system
- For the high demands in food and beverage logistics, for example
- Lifting capacity 1,500/2,000 kg with 1,000 mm load distance in each case
- 4-cylinder lifting mechanism with long lifting arm for maximum clearance
- Tilttable, single-piece underride guard (mechanical or hydraulic)
- Design with aluminium or steel platform
- Extremely wide range of special equipment available
- Optimized positioning of power-pack and associated connections
- Higher user comfort due to the combined QuickDown & SmoothTilting

## Technical Data

2100 x 2500 mm aluminium platform

C 2000 S

C 2000 SK - *REDESIGN*

	C 2000 S	C 2000 SK
<b>Weight from (kg)</b>	<b>569</b>	<b>703</b>
Lifting capacity at 1000 mm (kg)	2000	2000
Main beam (mm)	180 x 180	180 x 180
Lifting gear hydraulics	2 lifting cylinders / 2 tilting cylinders	2 lifting cylinders / 2 tilting cylinders
Platform overlap with floor	- 63 mm	- 63 mm
Lifting arm pitch (mm)	1300	1300
Load centre, longitudinal (mm)	1000	1000
Load centre, across centre	Central, 50% of rated load on one side	Central, 50% of rated load on one side
Inclination angle of the platform	+90° to -10°	+90° to -10°

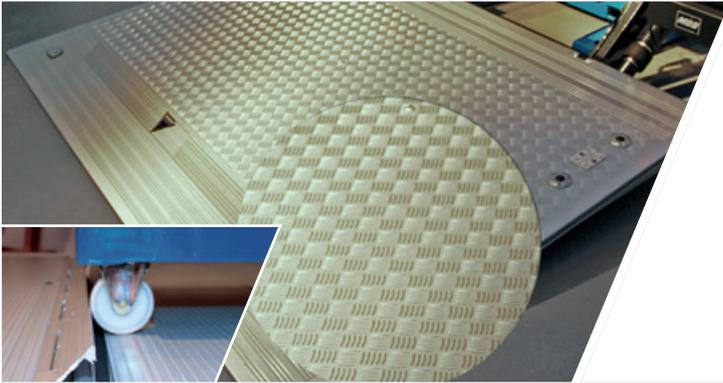
Lifting arm lengths (in mm)	700	800	900	1000	1100
H (max.)	1160	1345	1444	1651	1602
H (min.)	883	916	1006	950	1070
F (max.)	650	785	820	977	865
K (min.)	618	641	751	722	978
D (min.)	768	791	901	872	1145
F (min.)	508	566	614	569	470
K (max.)	726	820	907	1041	1175
D (max.)	876	970	1057	1191	1345
G (max.)	510	550	624	674	737
G (min)	284	300	392	381	600

H (max.) loading height, unloaded / H (min.) loading height, loaded / F (max.) middle of beam boxes to upper edge of loading floor / K (min.) at dimension F (max.)

D (min.) installation dimension, minimum / F (min.) / K (max.) at dimension F (min.) / D (max.) installation dimension, maximum / G (max.) unloaded (middle main beam to ground) / G (min.) loaded



# PLATFORM STANDARDS & OPTIONS



## AluStar, AluTop

Proven platform from inhouse production

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



## FerroStar

Improved functionalities (Option)

- Marketing plate available



## LED flashing lights (Option)

Safety device

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



## Painting of the platform (Option)

Customization

- Standard RAL colors available
- Special laquer on request



## Seal kit (Option)

- 4 sided sealing the platform against the body
- 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



**S: Three-piece under-run protection device (Standard)**  
**SK: Single-piece under-run protection device (Standard)**  
 SK with automatic hydraulic lifting for easy connecting

- KTL coating for excellent corrosion protection
- KTL plus powder coating in a RAL color on request



**Power pack inside (Standard)**

Improved usability

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



**Mechanical / hydraulic stabilizer (Option)**

- To stabilize the vehicle during loading / unloading



**Stainless steel pins (Standard)**

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



**Ball head coupling (Option)**

For C 2000 S

- Also available as retrofit

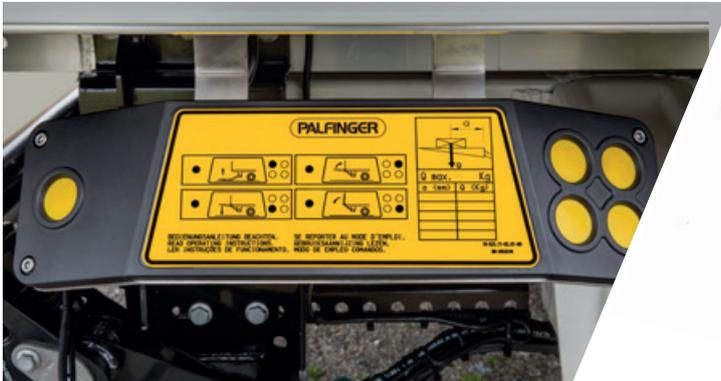


**Customized packaging (Option)**

Space-saving transportation pallet

- Optimizing despatch and storage
- Ease of installation

# OPERATIONS STANDARDS & OPTIONS



## Slim control panel (Standard)

Ergonomic

- Flat or bracket mounted (Standard)
- Including background illumination (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



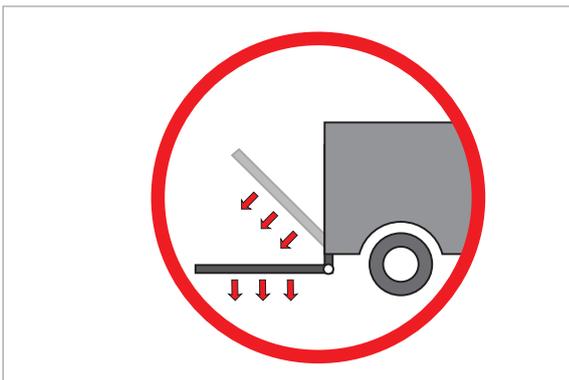
**PC board**  
MBB Control

- Facility to connect with diagnosis software
- Self-diagnosis possible



**Sensor B 15 S**  
Plug & play

- Quick connection of the platform
- Easily installed: Sensor B 15 S („plug&play“)



**QuickDown (Option)**

Customizable program

- Opening and lowering of the platform simultaneously
- More efficient loading/unloading
- Quick access to the goods



**SmoothTilting (Option)**

Customizable program

- Automatic slow down of platform speed to adapt to fragile loads
- Precision movement



**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)

# ONE REMOTE CONTROL FOR ALL APPLICATIONS

The remote control BT (= Bluetooth®) has been developed for optimized user-friendliness. An ergonomic design, the easy to grip surface and the low weight all contributes to the new hand held unit. The technology of this remote control allows a usage in demanding daily business even in alternating operations with various vehicles and a number of remote controls.

## Advantages of the Remote Control BT

- Easy operation
- Customizable applications
- Robust and lightweight
- Water resistant
- Shock resistant
- Quick charge and long life of battery
- USB-C charging interface
- Bi-directional communication
- Bluetooth® wireless technology

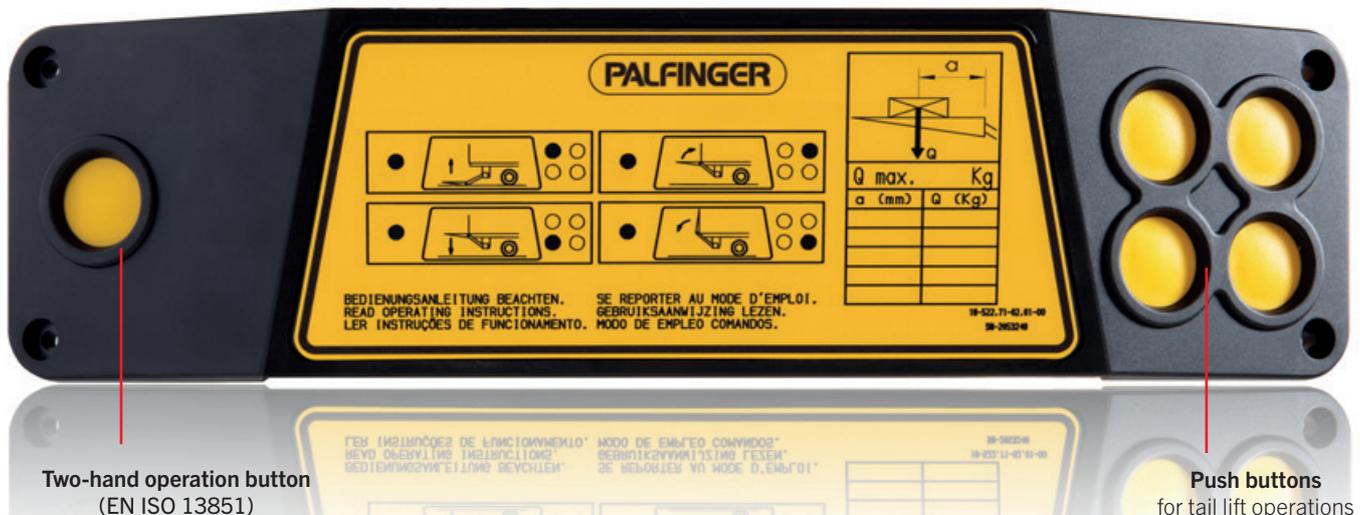


# THE SLIM PANEL FOR CONVENIENT OPERATIONS

The new slim control panel is the latest way to control your tail lift with state-of-the-art technology. Its patent-protected design provides various opportunities for vehicle installation. The tail lift operation becomes more comfortable than ever.

## Advantages of the slim control panel

- Flat design
- Robust and lightweight
- Water resistant
- Shock resistant
- Ergonomic position for ease of operation
- Illumination (plus/premium versions)
- Individual programming (premium version)
- Can be mounted also within vehicle body



Two-hand operation button  
(EN ISO 13851)

Push buttons  
for tail lift operations

	SPECIFICATIONS	BASIC	PLUS	PREMIUM
Voltage:	12 and 24 Volt	✓	✓	✓
Design:	Flat design for vehicle body installation	✓	✓	✓
	Ergonomic push button arrangement with bracket	–	✓	✓
Illumination:	Display	–	✓	✓
	Push buttons	–	–	✓
Interlock:	Keycode for locking	–	–	✓
	Mechanical lock with a key	✓	✓	✓
Processor:	Integrated processor	–	–	✓
Display:	Additional double 7-segment LED display	–	–	✓

# IMPACT YOUR UPTIME

**With the IMPACT app from PALFINGER Tail Lifts, the onward journey is just a click away.**

The IMPACT Service App for tail lifts enables smooth cooperation between truck driver, service partner and fleet manager. Via Bluetooth connection between the MBB Control of the tail lift and a mobile end device, they have all the important information at hand at the decisive moment and can react with pinpoint accuracy.

A precise error message appears on the mobile phone, including instructions on how to solve the problem. If the problem is difficult to solve, the nearest service centre can be called for help directly via the app.

With the app, service cases can be solved precisely and quickly. The app is available for a PALFINGER tail lifts that are equipped with our Bluetooth receiver. The same receiver can be used for the remote control. Retrofit of the receiver is possible.

The download at the iOS and Android app store is free of charge.



## Benefits for the driver

Quick support

- Error display
- Simple faults can be fixed on site
- Manual / how-to-videos are available in the app
- Emergency operation to close the tail lift and visit a service partner
- Overview of closest service partners

## Benefits for the service partner

Plannability

- Telephone support for the driver when solving problems
- Troubleshooting easier and shorter than before
- Precise planning of the service call / material planning
- Transparent and efficient

## Benefits for the fleet manager

Plannability

- Minimise downtimes / keep fleet maximally efficient through remote support of the service partner
- Better planning of vehicle deployments through transparency of the actual fault / planned repair time / regular service appointments

## How to use the app

- Installation of the receiver
- Pairing receiver with control
- Download App from Appstore
- Bluetooth pairing of mobile phone with receiver





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95%



# IMPACT

PALFINGER AG

4.3★  
42 reviews

5K+  
Downloads

0  
USK: All ages

Installieren

**TALUFT**

To connect to your Talift put the Talift in "Pairing"-mode

John McNeil

Bestseller

2014-01-02

4.9 (100-1000)

10000+

Download

To connect to your Talift put the Talift in "Pairing"-mode

Download



# CUSTOMER CARE & LIFETIME SERVICES

## Maximized availability

Our products are premium quality and provide high capacity usage. Excellent durability and hi-tech manufacturing 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**

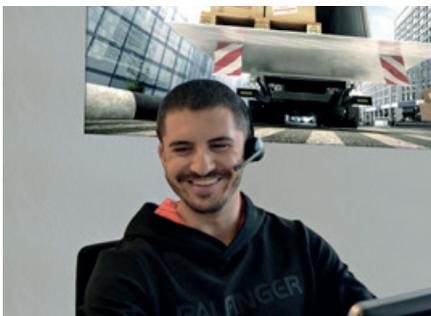
Find your service partner via web search or app. More than 300 service partners in France, more than 40 service partners in the UK and more than 900 service partners in Germany / Austria / Switzerland.

Call us at +44 (0) 80800 24 365



**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.

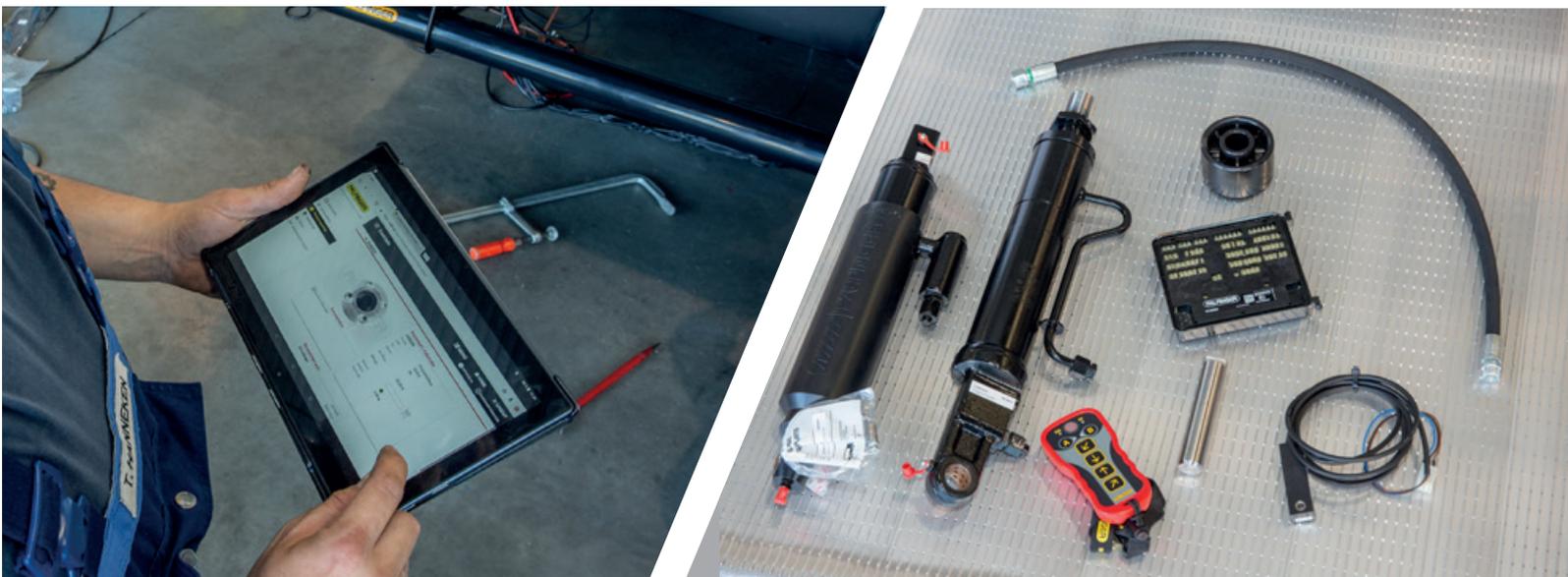


**Warranty**

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 flawless functionality of the tail lift is an essential element when it comes to maintaining the efficiency 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)

