

**PALFINGER**

OVERVIEW

# AERIAL WORK PLATFORMS

LIFETIME EXCELLENCE





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## AERIAL WORK PLATFORMS

Guaranteed innovative lifting solutions

The PALFINGER brand is synonymous worldwide with constant development in engineering, research, quality materials and exceptional precision across the entire product range. The company regularly sets new standards in the market with its outstanding performance specifications and strong innovation.

PALFINGER truck-mounted aerial work platforms are reliable, flexible and can be used wherever safe and fast work is required at all elevations. Thanks to electrification and digitization, performing materials and innovative design, they are products that fit seamlessly into the PALFINGER portfolio.



## QUALITY AND SERVICE AERIAL WORK PLATFORMS FROM PALFINGER

Modern and efficient production and servicing sites are essential to products of the highest quality and durability. The production site in Löbau (Germany), following its expansion, is now PALFINGER's largest platform assembly site and is embedded in the strong European production and development network, which also includes sites like Cadelbosco (Italy) and Köstendorf (Austria). Covering around 78,000 m<sup>2</sup>, Löbau hosts a state-of-the-art production hall, a testing range, a servicing site and offices.

### Technology Centre Köstendorf

A technology centre for aerial work platforms established in Köstendorf (Austria) has been continuously expanded over the years. From fundamental research to technology development to prototype construction and various tests, we cover everything necessary to develop a new generation of aerial work platforms.





# PRODUCT OVERVIEW

PALFINGER offers truck-mounted aerial work platforms ranging from work heights of 13 to 90 m for chassis from 3.5 to 48t. The company regularly sets new standards in the market with its outstanding performance specifications and strong innovation, offering innovative solutions for the most varied applications.



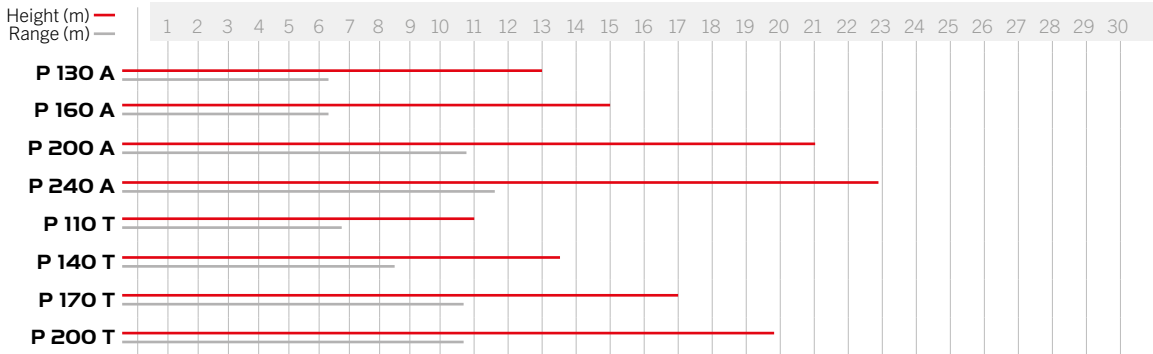
## ARTICULATED AERIAL WORK PLATFORMS



## TELESCOPIC AERIAL WORK PLATFORMS



## KIT SOLUTIONS





# AERIAL WORK PLATFORMS HIGHLIGHTS



**CTL COATING**

High value retention and outstanding protection from corrosion over the entire lifetime of the platform. The CTL coating is the basis for a durable surface protection.

**GRAPHIC CONTROL PANEL**

All major functions are easily accessed through the coloured graphic control panel. An intuitive display with symbols in most models takes you easily through the menu.

**EASY STABILIZATION**

The automatic stabilization system allows fast and easy stabilization of the vehicle. The positioning of the control buttons on the left and right at the vehicle's rear allows an unhindered view of the operation and increases safety.

**HIGH SAFETY STANDARDS**

The blinking LED lights on the stabilizers ensure better visibility in road traffic, and the PALFINGER safety plates allow for safe positioning of the platform on every surface.



**USEFUL FEATURES**

PALFINGER aerial work platforms are equipped with many useful features that make work easier, safer and more efficient. One such feature is the PALFINGER Home function, which enables fast and easy folding of the platform. It returns to the transport position automatically, saving you valuable work time. The Memory function stores selected work positions at the press of a button. You can quickly move from the transport position to the required work position.



# CUSTOMER SEGMENTS AND MARKETS

Today's work environment is more varied than ever. Our many years of insights into the daily work of our customers have taught us that every market is unique. Every mission has its own specific challenges – the resulting variety of requirements is far too wide-ranging for a single solution. That is why we develop adapted solutions, together with our customers and our partners in the market.

## MUNICIPALITIES



Municipalities have various requirements regarding aerial work platforms. That's why we value robust and solid designs. Whether in the choice of telescope profiles, the sheeting thickness of the telescopes or the high quality of the paint: we prioritize reliability and durability.

## CLEANING & INDUSTRY



Aerial work platforms for cleaning buildings require a long reach, whether to the side or to the rear. They also need a large work basket. This is paired with an enormous working height, making even difficult-to-access work locations in urban landscapes easy to reach.

## ENERGY & TELECOMMUNICATION



Working on telecommunication masts and on power lines requires particularly strong safety features. Overhead lines, for instance, must be disconnected if the work platform is not strongly insulated. For live power lines up to 1000 V, a double-insulated basket already provides excellent protection.

## TREE TRIMMING



Instead of climbing up and risking injury, you can use an aerial work platform to carry you safely to the tree-top that requires your attention. With the great range, you can work on several trees without having to relocate the truck. Additional feature options, like special work baskets, make the task even easier.

## WIND TURBINES



It is very important to keep wind turbines in top condition. To identify problems early, regular visual and auditive inspections have to be carried out. Aerial work platforms are ideal tools for this: they shorten work times, let you reach the optimal work position and ensure safety at work.

## RENTAL



The rental business places a premium on efficiency and on the simple and comfortable operation of an aerial work platform. Low fuel consumption and a good tax and insurance classification reduce running costs. Finally, fast and efficient servicing improves the uptime significantly.



# ARTICULATED AERIAL WORK PLATFORMS

PALFINGER’s articulated aerial work platforms, with a working height of 13 to 24 metres, feature a single or double articulation of the outrigger. All models are equipped with high-quality components that ensure outstanding user comfort, high performance and excellent maneuverability. Depending on your needs, you can choose between hydraulic and electric controls and between different stabilizer options. Many models have recently been updated to provide even better stability, lower weight and improved performance.

## SHORT WHEELBASE FOR OPTIMAL MOBILITY

The articulated models can be installed on chassis with a short wheelbase, making them exceptionally agile in tight spaces.

## LIGHTWEIGHT AND MODERN

Both the basic frame and the add-ons were optimized for GSR II chassis and the weight was reduced.



## BASKET FEATURES

The aluminium basket with a basket load of 250 kg and the fibreglass basket with a basket load of 230 kg both have air/water lines installed from the pillar to the basket, turning things like window-cleaning into child’s play.

## STABILITY IN THE BASKET

More efficient missions thanks to a new basket base that lets you work without the upper part of the telescope being in the way.

## STABILIZATION OPTIONS (+)

The stabilization system depends on the work platform model in order to better correspond to the various work requirements.

## INNOVATION LEADER

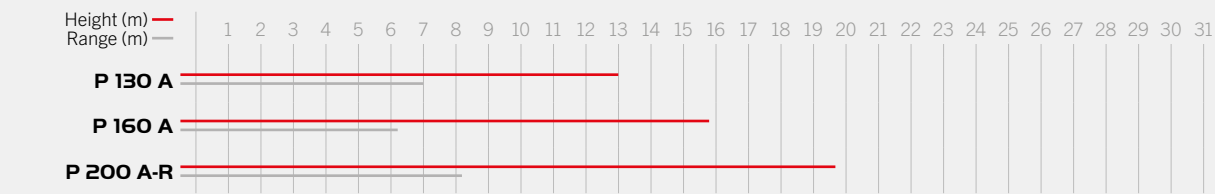
The articulated aerial work platforms recently all received an update and are now more performant and lighter. All models were analysed and improved in select areas:

- Simpler, more intuitive operation
- Better stability, higher carrying capacity
- Improved basket design
- Connectivity & fleet management



# ARTICULATED MODELS IN DETAIL

## AT A GLANCE – MODELS WITH HYDRAULIC CONTROLS



### P 130 A



- Improved stability thanks to current collector stabilization
- Frame padding prevents wear and damage
- High carrying capacity and consistently high basket load
- Available for Ford Ranger 4x4 with 3.19 t or 3.5 t



### P 160 A



- Very mobile and flexible thanks to its compact assembly, short wheelbase and stabilizers at mirror width.
- Equalization of uneven ground through high stabilization lift
- New orientation and positioning of the assemblies ensures more stability and less wear



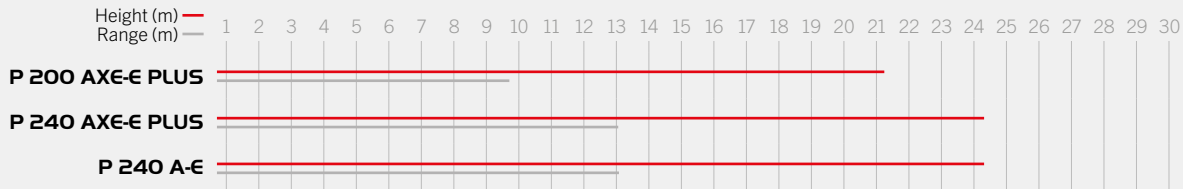
### P 200 A-R



- A-shaped stabilizers with individual stabilization system ensure even faster positioning
- Equalization of uneven ground through high Stabilization lift
- The twin current collector unit provides more flexibility and facilitates precise positioning



## AT A GLANCE – MODELS WITH ELECTRIC CONTROLS



### P 200 AXE-E PLUS



- Electric multifunction controls for more precision, speed and comfort when maneuvering
- Overcome obstacles with the double-articulation outrigger
- Vertical, fully automatic stabilization with long outriggers and three stabilization options
- Better overview: Basket controls with 28-inch colour display



### P 240 AXE-E PLUS



- Electric multifunction controls for more precision, speed and comfort when maneuvering
- Overcome obstacles with the twin-articulation outrigger
- Work more efficiently with the fully automatic stabilization and three special stabilization options
- Better overview: Basket controls with 28-inch colour display



### P 240 A-E



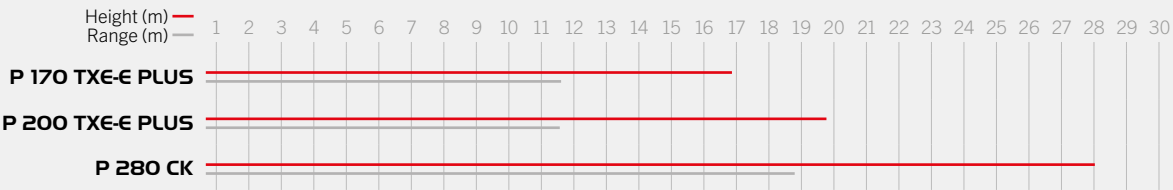
- Electric multifunction controls for more precision, speed and comfort when maneuvering
- More flexibility with the twin current collector unit
- Rapid positioning with the stabilization system
- Better overview: Basket controls with 28-inch colour display





# TELESCOPIC AERIAL WORK PLATFORMS 17 TO 28 METRES

AT A GLANCE



P 170 TXE-E PLUS



- Electric multifunction controls for more precision, speed and comfort when maneuvering
- Work more efficiently with the fully automatic stabilization and three special stabilization options
- Better overview: Basket controls with 28-inch colour display
- Mounted on a chassis with a wheelbase of 4100 mm



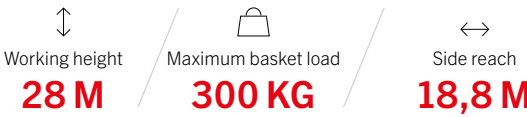
P 200 TXE-E PLUS



- Electric multifunction controls for more precision, speed and comfort when maneuvering
- Work more efficiently with the fully automatic stabilization and three special stabilization options
- Better overview: Basket controls with 28-inch colour display.
- Mounted on a chassis with a wheelbase of 4100 mm



P 280 CK



- Larger loading surface and more carrying capacity with 7.5 t chassis
- Hydraulic basket positioning with auto-centering
- Compact vertical stabilizers allow setting up the platform in tight spaces without sacrificing range
- Also available on a fully electric chassis with 375 kWh battery power (total energy)





# THE TEC RANGE

## THE NEXT LEVEL OF PLATFORMS

PALFINGERs TEC range offers the most powerful aerial work platform allrounders in the 3.5-ton class, setting new industry standards in performance, efficiency, and sustainable operations. The TEC range impresses above all with its increased reach, improved basket stability, higher basket load and reduced weight. Be flexible with working heights from 19 to 28 meters and a wide selection of chassis as well as the option of an battery pack for hybrid operation of the platform. Remote diagnostics of your PALFINGER aerial work platforms and fleet management have both become even easier with digital solutions like improved connectivity.



### STABILITY & COMFORT

The basket jib and support were completely updated to provide more stability to the work basket and increase safety. Optional basket lighting ensures a well-lit workplace, an integrated USB socket charges your batteries.



### OPTIMIZED TELESCOPE

The telescopic system was improved, increasing its stability to provide an even safer feeling. The tested, corrosion-resistant system is built into all models of the series.

### INTUITIVE OPERATION

The ergonomics of the controls were improved. Controls are intuitive, responsive and precise. The automated positioning system with integrated stabilizer levelling was optimized for different applications.

### DESIGN & MATERIALS

Colours and materials were redefined to achieve a more modern and premium look and reduce weight. Modular components simplify servicing and shorten downtimes.

### ELECTRIC DRIVE

All models can be equipped with an battery pack. The sustainable, silent and emissions-free battery operation allows you to do a full day's work without a connection to the power grid.

### CHASSIS OPTIONS

For every model, there is a wide choice of chassis in various weight classes. All models comply with the EU's safety requirements (GSR). The weight reduction allows even more options to be installed.

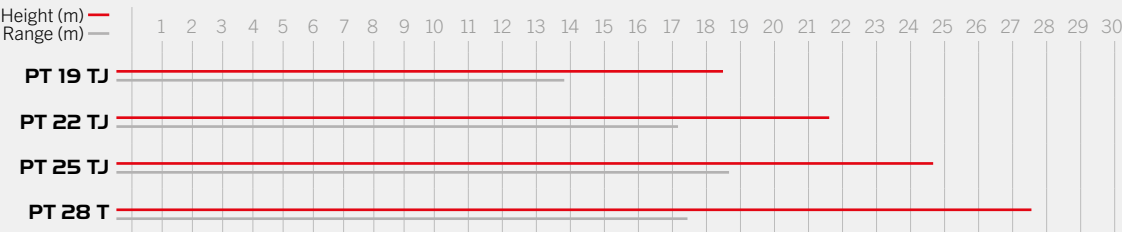




# THE TEC RANGE

## MODELS IN DETAIL

### AT A GLANCE



### PT 19 TJ



- Various chassis options for greater flexibility: combustion engine, electric or hybrid with battery packs
- Safe working on power lines up to 1 kV with the fibreglass-reinforced plastic basket and tested insulation package
- The lightest model in the TEC series, leaving a wide margin for additional assemblies, options or your own tools



### PT 22 TJ



- Multifaceted all-rounder with its excellent combination of working height and range at a low total weight
- Even more flexible with various chassis options: Combustion engine, electric or hybrid with battery packs
- The hybrid option is also available for 3.5 t chassis, making this model very appealing for missions in urban areas
- Full range with vertical stabilization on large chassis (7.5 t)



### PT 25 TJ



- This multifaceted model of the TEC range stands out for its combination of working height and lateral range
- Perfectly suited to a variety of applications in different fields
- Electric and emissions-free work with the optional battery pack on a 3.5 t chassis
- Safe, simple and precise positioning and operation save valuable time and make the work more efficient and pleasant



### PT 28 T



- First hybrid aerial work platform with 3.5 t and a working height of 28 metres
- Work a full day emissions-free without having to charge up
- Larger chassis provide even more flexibility in terms of carrying capacity, equipment and options
- The wide lateral range and compact construction ensure better mobility and suitability for a variety of missions

### Connectivity and fleet management

Our CONNECTED features, installed by default, allow you to receive data from your PALFINGER machines in real time. You can look up the current status of your machine at any time and use this data to optimize your fleet management. With the remote diagnostics feature, you can help without being on site. The CONNECTED module, which comes with the standard equipment, also makes sure you always see upcoming maintenance and servicing dates as well as the location of your machine.

- The remote diagnostics save you time and additional costs
- Data interface for integration into fleet management systems
- Always have an overview of your fleet's maintenance and servicing schedule





# AERIAL WORK PLATFORMS WITH COUNTER SLEWING SYSTEM

The PALFINGER aerial work platforms with counter slewing system and an working height between 30 and 37 metres stand out for their comprehensive standard features, the large range of options and the possibility of mounting them on all-wheel-drive or standard chassis from many different manufacturers. The special counter slewing system allows the platform to rotate within the mirror width of the vehicle, making it optimally suited to working in road traffic. The models also have a user-friendly operating concept with graphic colour display and are particularly flexible.

## IDEAL PERFORMANCE SPECIFICATIONS

Benefit from an enormous range of up to 31.5 m and a maximum measured basket load of 500 kg. Enough to carry you and all your tools and equipment quickly and safely to your workplace.

## BASKET VARIANTS

Switch quickly between different basket variants – from the tree trimming basket to the large work basket with included powerlift system that adds another 150 kg carrying capacity per boom.

## INDIVIDUALIZED CONFIGURATION

All variants can be mounted on chassis from 7.5 to 18 t total weight – both 4x2 and 4x4. You can reach the place of your mission without difficulty – whether in the city or off-road.

## SPECIAL COUNTER SLEWING SYSTEM

With the counter slewing system, you can also make use of the space above the driver's cabin to maneuver. The aerial work platform can even be used in very tight spots because of its compact size and the narrow wheelbase.

## SAFE POSITIONING

The stabilizers are levelled automatically. With their lift of up to 1000 mm, they can equalize all but the most difficult terrain with ease. The controls for the stabilizers are located on the left and right side of the base.



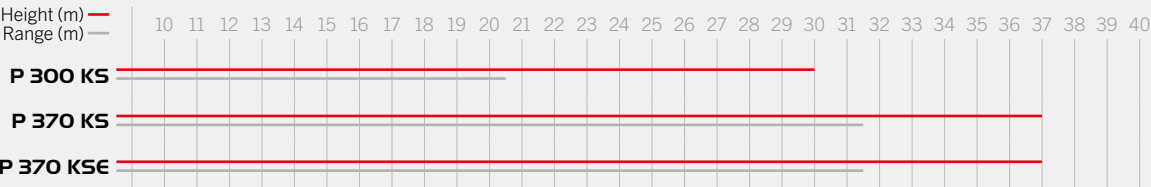
## PREMIUM DISPLAY AND CONTROL PANEL

The aerial work platform models with counter slewing system are equipped with a particularly user-friendly operating concept. The basket controls are ergonomic, intuitive and so particularly efficient in everyday use. The colour display provides the user with the most important information and graphics in real time.



# MODELS WITH COUNTER SLEWING SYSTEM

## AT A GLANCE



## P 300 KS

Working height **30 M** / Maximum basket load **400 KG** / Side reach **20,5 M**

- Optimized minimum operation: Work without stabilizers but with full swing range of the basket boom and a rotation of up to 10°
- Optimized ergonomics: Improved underide protection and approach angle, upright entrance into the work basket via staircase
- Fully variable stabilization including on uneven ground with 730 mm stabilizer lift and up to 5° inclination
- Auto. adjustment of the range via inclination monitoring
- A short wheelbase (3050 mm) provides even better maneuvering



## P 370 KS

Working height **37 M** / Maximum basket load **500 KG** / Side reach **31,5 M**

- Improved performance in minimum operation: Rotation of the basket boom up to 8.5° at a working height of 13 m
- Hydraulic basket positioning with automatic detection of centre position
- Sliding ladder for access with position monitoring
- Driver information system through display in cabin
- 1000 mm stabilizer lift and up to 7° inclination (depending on chassis and work mode)



## P 370 KSE

Working height **37 M** / Maximum basket load **500 KG** / Side reach **31,5 M**

- Options package: Electric drive with two electric motors + battery system (40 kVA power), installed in tool box
- Combination of diesel and electric drive
- Performance and durability of a diesel machine at a lower operating cost
- Significant fuel savings, lower noise emissions (less than 62 decibels) and less CO<sub>2</sub> emissions
- Silent, efficient and emissions-free work - Around 3 hours of continuous operation
- Charging time around 6-8 hours; can be partially charged during breaks
- If battery is low, or in an emergency, the platform can be powered from the truck engine





# AERIAL WORK PLATFORMS UP TO 75 METRES

The construction with special profiles and lightweight materials ensures a low weight for this aerial work platform model with a remarkable working height of 48 to 75 metres and a lateral range of 28 to 41 metres. This allows more tools, equipment and materials to be transported on the vehicle. The characteristic X jib grants easy access even to places that are difficult to reach. This flexibility is enhanced further by the 2 x 200° rotating work basket. This work basket system allows you to use the full basket width of 3.88 m even at the back of buildings.



### AUTOMATIC LEVELLING

Shortens setup times, ensures maximum performance.

### FULLY VARIABLE STABILIZATION

Precise and safe positioning of the stabilizers even on uneven ground with an inclination of up to 5°.

### TELESCOPIC UPPER BOOM

Maximum flexibility with the 240° X jib and the telescopic upper boom with a length of up to 19 m (depending on model). Combined with the hanging basket and the flexible and precise basket positioning, you can easily reach over and behind buildings.

### LUBRICATION SYSTEM

Increased lifetime through the automatic telescope lubrication system that supplies the lower arms of the telescopic boom with sufficient grease during operation.

### EVEN GREATER BASKET CAPACITY

With the optional powerlift system, you can lift large, bulky materials with a total weight of up to 600 kg. The optional materials handler serves as a crane in the basket and can lift and position a weight of 400 kg.

### POWER SUPPLY IN THE BASKET

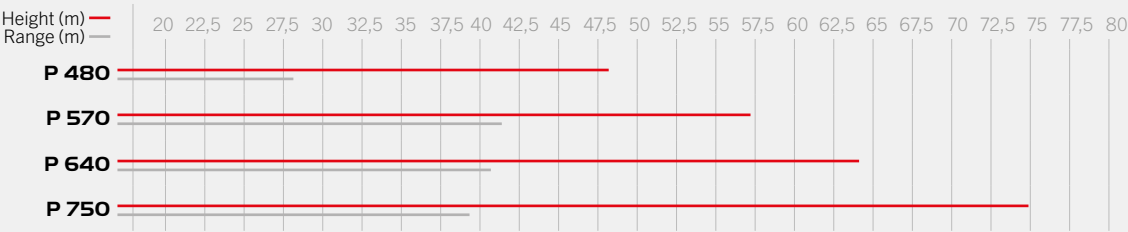
While a 230 or 400 V generator allows you to connect electric equipment to the work basket, the floor lighting in the basket enables you to find all you need to work even when it gets dark.





# MODELS UP TO 75 METRES

### AT A GLANCE



## P 480

Working height **48 M** / Maximum basket load **600 KG** / Side reach **28 M**

- Can be mounted on chassis with 2 axles and 18 t total weight or with 3 axles and 26 t total weight
- Telescopic upper boom up to 17 m length incl. 240° X jib
- 1000 mm stabilizer lift for equalization of very uneven terrain
- Optimized working reach for chassis with 26 t total weight and optional use of counterweights



## P 570

Working height **57 M** / Maximum basket load **600 KG** / Side reach **41 M**

- Can be mounted on chassis with 3 axles and 26 t total weight or with 4 axles and 32 t total weight
- Telescopic upper boom up to 19 m length
- 900 mm stabilizer lift for equalization of very uneven terrain
- Optimized working reach with optional use of counterweights



## P 640

Working height **64 M** / Maximum basket load **600 KG** / Side reach **40,5 M**

- Can be mounted on chassis with 4 axles and 32 t total weight
- Telescopic upper boom up to 19 m
- 900 mm stabilizer lift for equalization of very uneven terrain
- Optimized working reach with optional use of counterweights



## P 750

Working height **75 M** / Maximum basket load **600 KG** / Side reach **39 M**

- Can be mounted on chassis with 4 axles and 32 t total weight
- Telescopic upper boom up to 19 m
- 900 mm stabilizer lift for equalization of very uneven terrain
- Optimized working reach with optional use of counterweights

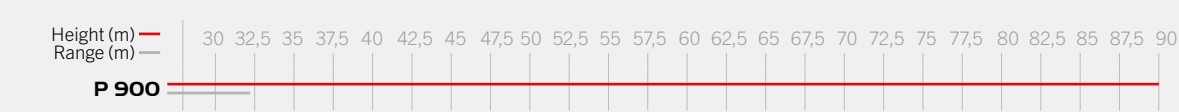




# AERIAL WORK PLATFORM WITH 90 METRES

What makes the P 900 – with 90 metres working height, the largest PALFINGER aerial work platform – so special is the vertical lower telescopic boom that ensures excellent stability. When mounted on a standard truck, it lets you work stably, safely and efficiently at great heights – and also has lots of storage space. A second ergonomic control panel comes with the standard equipment. This offers a perfect view of the outrigger system. The aerial work platform can be operated from the base and the work basket is usable for all applications without restrictions.

## AT A GLANCE



## P 900

  
Working height  
**90 M**

  
Maximum basket load  
**700 KG**

  
Side reach  
**32,3 M**

- Ultrasound anti-collision system: Configurable distance, from 0.35 m to 2 m including acoustic/visual collision warning and “auto stop” option
- Integrated hydraulic tank including access trap for simple maintenance
- Fuel tank integrated into the equipment box to prevent theft
- 180° horizontal swing range of the basket jib in wind speeds up to 7 Beaufort (15.5 m/s)
- 900 mm stabilizer lift for equalization of very uneven terrain
- Extra-large storage space and illuminated toolboxes on the loading area



## GPD-GRAVITY POWERED DRIVE

Thanks to a clever energy recuperation system, the following functions can also be carried out with the engine switched off:

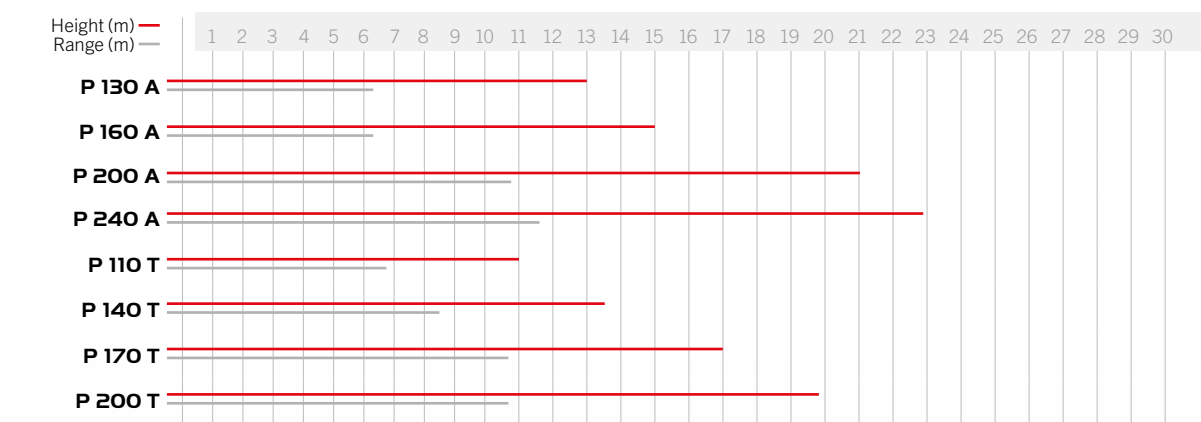
- Swinging the rotary base
  - Retracting the telescopes
- Lifting and lowering the telescope arms
  - Levelling, turning, extending and retracting the work basket

Safe lowering to the ground at any time with little noise and without consuming fuel.

# KIT SOLUTIONS

PALFINGER offers kit solutions for a series of telescopic and articulated work platforms with working heights of 11 to 24 m. These solutions allow dealers to mount the platforms on any chassis (with a total weight above 4.5 t) in accordance with the locally applicable regulations. The assembly components have fully hydraulic controls for simple assembly and can be ordered with 1000 V insulation.

## AT A GLANCE





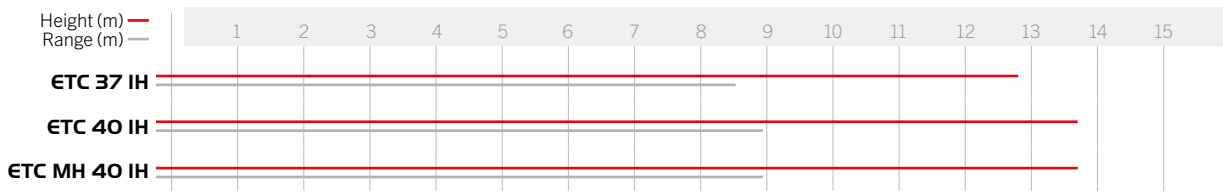
# BUCKET TRUCKS

Engineered to be the most innovative, reliable, and cost-effective bucket trucks in North America.

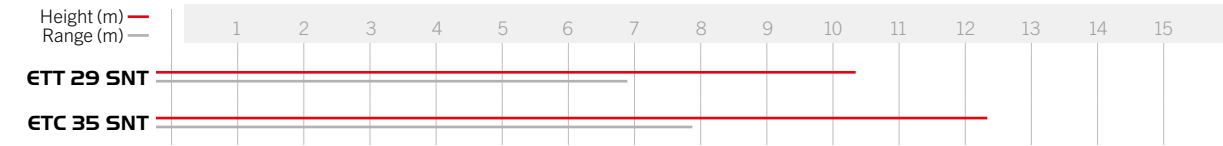
PALFINGER bucket trucks, also known as aerial lift trucks, are manufactured with industry-proven technologies that enhance operator safety and efficiency. Every bucket truck we manufacture features low maintenance requirements and exceptional serviceability, providing operators with a cost-effective and economical aerial device. Our complete line of insulated and non-insulated bucket trucks can be built-to-order, purchased as a turn-key work-ready package, or rented on a short or long-term basis.

## MODEL OVERVIEW

### INSULATED BUCKET TRUCKS



### NON-INSULATED BUCKET TRUCKS



# SPECIAL SOLUTIONS ON WATER, ON LAND OR INDOORS

PALFINGER’s special solutions are called on where conventional aerial work platforms cannot do the job. Whether in difficult terrain, in water, stationary or in tight tunnels, our experts will develop solutions for your specific needs together with you.

From concept to planning, design and installation on site, our experienced designers and project managers cover the entire process of developing a special solution. We have developed solutions together with our customers that are still in operation today, and some have even made it into serial production.





# ADDING VALUE THROUGH SMART SERVICE



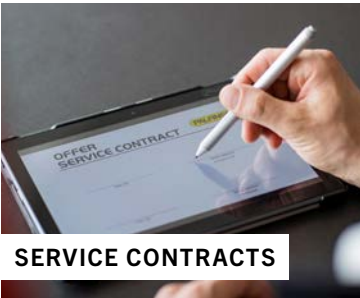
## MAINTENANCE & REPAIR

At PALFINGER, excellent service is our promise. Regular maintenance and repair are essential to prolong the life and ensure the safety of your products. Preventive maintenance enhances efficiency, increases equipment availability, and minimizes downtime. We offer tailored services, innovative software, and hardware solutions to streamline your workflows. Additionally, our extensive service network ensures quick support whenever needed.

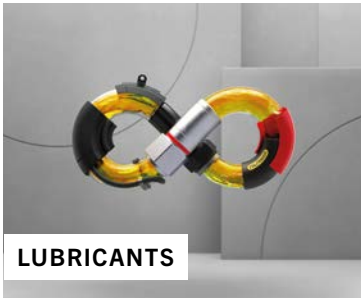
You place your trust in us and we give you our full attention. Because for us, service means more than just technical support— service is our promise of quality. As a premium manufacturer, we know that reliability as well as tools and assistance for day-to-day operations is one of our most important characteristics.

## DIGITAL SOLUTIONS

In today's digital age, leveraging advanced technology is crucial for staying competitive. Our comprehensive service portfolio includes innovative software and hardware solutions designed to enhance operational efficiency and accelerate work processes.



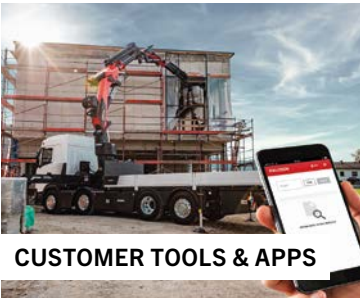
SERVICE CONTRACTS



LUBRICANTS



SPARE PARTS



CUSTOMER TOOLS & APPS



SERVICE NETWORK

Detailed insights into our Service and Digital Solutions.



## PALFINGER CONNECTED

With our digital CONNECTED platform you achieve maximum uptime with the help of machine data and relevant usage information. PALFINGER CONNECTED supports you to enhance the management, monitoring, operations, and service scheduling of your PALFINGER equipment. Benefit from informed decision making at every step.



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**PALFINGER PLATFORMS GMBH**

Äußere Bautzener Str. 47

02708 Löbau

T +49 8654 4770

**PALFINGER.COM**