

**OUR LIFTING SOLUTIONS  
FOR THE**

# **CONSTRUCTION INDUSTRY**

**LIFETIME EXCELLENCE**





# CONSTRUCTION INDUSTRY SOLUTIONS FOR DIFFERENT SITUATIONS



## Building Materials Handling

- Construction site logistics from depot or factory
- Unloading directly next to your truck
- Load manipulation into higher levels
- Utilizing every single kilogram of payload



## Roofing & Scaffolders

- Overcoming all types of interfering edges
- Executing construction work also on the rearmost side of the building
- Performing lifting, installation and offloading work at great heights
- Special systems required for work safety such as fall protection

## General Construction

- Making construction site work easy – every day
- Flexible load positioning wherever it is needed
- Reaching corners & spots that other products cannot reach
- Tricky installation work with heavy loads



## Window & Glass

- Solving the challenges of distribution logistics across Europe
- On site delivery of windows also in rough terrain
- Lifting & positioning of glass installations on building facades
- Highest requirements to smooth operations and precision



## Road Construction & Maintenance

- High working speed and numerous load cycles
- Avoiding long annoyance periods to public
- Using full product functionality with space restrictions
- Smooth interaction of various machines on site



## Wholesale of Sanitary Products

- From industrial players down to one-man-shows
- Making on- and offloading a quick & easy task
- Manipulation of all sort of different materials: ceramics, tiles, pipes and fittings
- Reliable equipment for “long life – low intensity” use cases





## LOADER CRANES

PALFINGER Loader Cranes are one of the best and most multifunctional tools in the construction segment and it is impossible to think of efficient construction work without them.

### Key Applications

- On site delivery of brick & block products as well as big bags
- Simple offloading vs. positioning on elevated levels of the building
- Working in full heights and placing pallets with roof tiles
- Installation activities on facades, inside buildings and on roofs
- Heavy duty lifting work

### Our Success Stories

- PK 14.501 SLD 5
- PK 19.001 SLD 5
- PK 20.501L TEC 3
- PK 22002-EH
- PK 24.001 SLD 5
- PK 28.002 TEC 5
- PK 34002-SH
- PK 37.002 TEC 7
- PK 53002-SH

### Your Benefits

- Full visibility with radio remote controlled loader cranes
- Lifetime excellence with KTL coating and service & maintenance contracts
- Maximum performance with long boom systems, power links and real-time stability control
- Best ratio of “product dead weight” vs. “truck payload”

### Find more Information online



## HOOK- & SKIPLoadERS

PALFINGER Container Handling Systems offers Hookloaders and Skiploaders which are powerful partners and offer great versatility.

### Key Applications

- Multifunctional tool used to deliver or pick-up building materials, machines, scaffolding etc.
- On site storage of rubbles, waste etc.
- Manipulation of several containers
- (Un)loading in tight space

### Our Success Stories

- TELESCOPIC T 15
- PH T 20 A
- PH T 22 A
- POWER P 24 A
- TELESCOPIC T 30
- PST 14
- PST 18

### Your Benefits

- High performance adapted for rough conditions
- Full visibility with radio remote controlled Hook- and Skiploaders
- High level of comfort with simple and intuitive usability
- Minimized cycle times meet maximized efficiency
- LIFETIME EXCELLENCE with PALFINGER origin protection coating, service and maintenance contracts

### Find more Information online







## EPSILON

EPSILON cranes from PALFINGER are developed for hard and fast slewing movements and for numerous loading cycles. Especially with clamshell buckets their performance is impressive.

### Key Applications

- On site construction material manipulation
- Muck away
- Heavy duty loading with clamshell bucket

### Our Success Stories

- EPSILON Q150Z TIPPER
- EPSILON Q170Z TRIPLE
- EPSILON M12Z
- EPSILON M12L

### Your Benefits

- Excellent hook clearance and working geometry
- Double Linkage System for steady force and constant boom speed in the whole operating area
- Full visibility with radio remote control
- Double slewing system with endstrokedamping
- Compact design (Z-Cranes are foldable 2.55 m vehicle width incl. clamshell bucket)
- Easy Fold is a automatic assistance for (un)folding the crane, great in narrow spaces.



### Find more Information online

## CRAWLER CRANES

The PCC crawler crane series is the most versatile and adaptable lifting solution for construction settings - indoor, urban and all-terrain. It impresses with long reaches and individual positioning options.

### Key Applications

- Allrounder on difficult terrain, its task begins right where the truck journey ends
- Specialist for indoor, urban and offroad applications
- Optimum working in tight spaces with crane module as "stand-alone" without its crawler chassis - by moving the unit on the stabiliser outriggers

### Our Success Stories

- PCC 115.002
- PCC 57.002

### Your Benefits

- Advanced crane geometry
- Flexible stabilization on heavy-duty outriggers
- Automatic levelling and stabilising on inclines
- Increasing stability and lifting capacity through shifting by moving the unit on its lateral and longitudinal outriggers
- Optimum positioning in tight spaces by "H"-frame
- Reverse linkage system
- Emissions-free work with separate E-unit
- Precision control with PALcom P7



### Find more Information online





## TRUCK MOUNTED FORKLIFTS

Mounted on the rear of a carrier vehicle or in a protective box between the axles, your PALFINGER Truck-Mounted Forklift is completely independent from any on-site offloading devices.

### Key Applications

- Fragile load handling like windows even in rough terrain
- Easy & fast handling of building materials and turf
- Precise delivery to the right place in short term even in narrow places

### Our Success Stories

- F3 253
- F3 203
- BM 214

### Your Benefits

- Easy and time-saving maintenance
- Maximum manoeuvrability even in narrow situations
- Best-possible visibility
- Simple electrics as well as reliable and robust technology
- Very low dead weight
- Easy loading and unloading the truck from one side

### Find more Information online



## ACCESS PLATFORMS

The perfect lifting solution for many different purposes around the construction industry.

### Key Applications

- Wide customer base: rental companies, industries, green services, window cleaning
- Reach high areas for painting & window cleaning
- Reach difficult areas for brick constructions, tree cutting
- Inserts with uphill and downhill gradients can be compensated for by raising the truck

### Our Success Stories

- P 250 BK
- P370 KS
- P 570
- P 240 AXE-E PLUS

### Your Benefits

- Working heights of between 10 m and 90 m for chassis weighing between 3.5 t and 48 t
- Wide range of vehicle concepts can be implemented - whether high tonnages for greater loading capacity, a higher vehicle category, more axles or four wheel drive for offroad applications
- Easy, user-friendly handling and operator comfort
- All platform functions can be easily controlled using the control panel including a graphic display
- The automatic levelling saves time and ensures accurate alignment for maximum performance data.

### Find more Information online

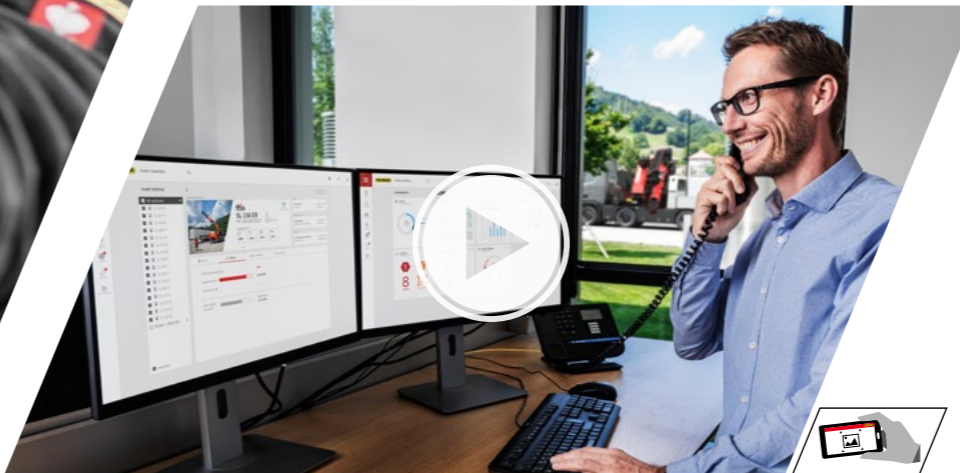






### Smart Eye – Remote Assistance

We see the world through your eyes. No matter where the service technician is, with the PALFINGER Smart Eye Tool an expert is always right by his side to offer expertise. Thanks to an audiovisual livestream, the analysis can be started in real-time.



### Fleet Monitor – professional fleet management

The most important data for fleet managers, service managers or dispatchers at one glance:

- fleet overview
- service and maintenance planning
- error and warning alerts
- improvement of utilization
- standardized machine data for integration into existing fleet management systems

## LIFETIME SERVICE

You give us your trust and we give you our full attention.

Service is more than technical support - it is our quality promise to ensure your long-term success. Hand in hand with our service partners, we form a strong global service network. For the dense network of manufacturers, general representatives and service partners, we have developed a comprehensive certification structure. This ensures that every single partner within this system can help to ensure customer satisfaction as effectively as possible.

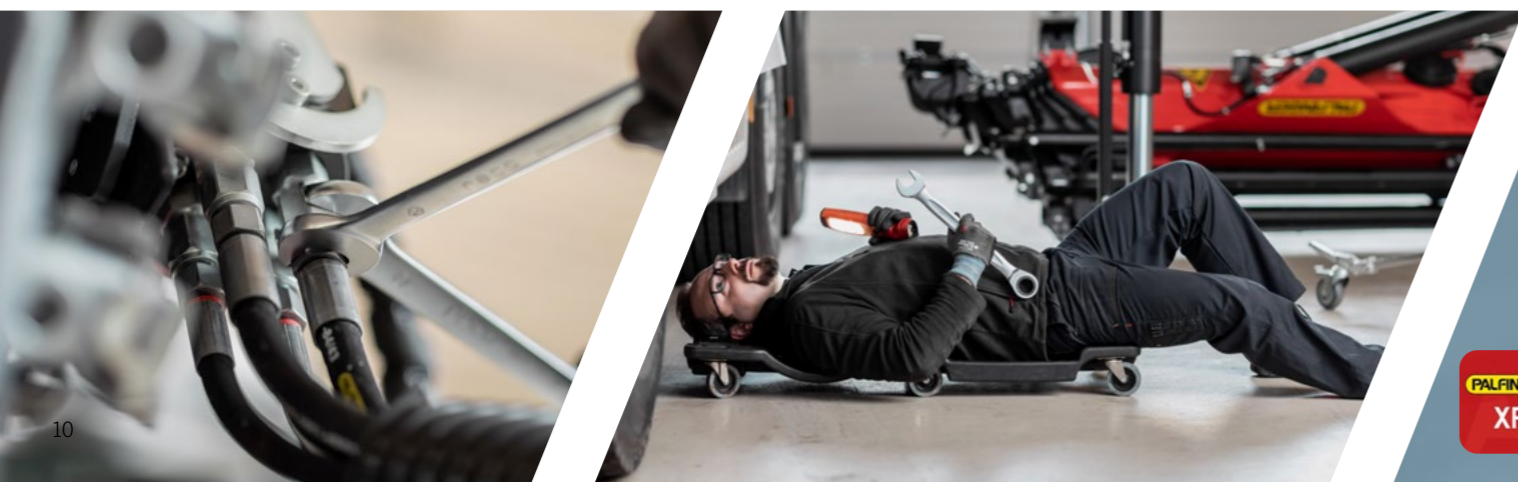
The PALFINGER service is characterized by fast response times in critical situations. A fast response from the service partner requires efficient and uncomplicated supply of spare parts. Our partners keep most of them in

stock, so you as our customer can be serviced straight away. With a delivery rate of 94.7 % within 24 hours, PALFINGER is at the front of the pack when it comes to speed. To ensure the long-term functionality of our products in the long term, PALFINGER makes sure that spare parts are available for the entire product lifetime.

Together with our service partners, we develop solutions designed to enhance efficiency, safety and comfort. To do this, we take advantage of all the opportunities offered by digital networking – for example our remote assistance tool Smart Eye, Fleet & Operator Monitor, the XR App and much, much more.

### Operator Monitor – mobile operator interface

The Mobile app supports the crane operator in the daily work and is available for iOS and Android.



### PALFINGER XR App – Service in the digital age

- Digital 360°-visualization of our products on your working place or even in real size outside
- Detailed explanation of technical features, supported by animations
- Enhancement of analogue media with digital content: scanning video-markers in our brochures will play related product videos directly on your smartphone
- Try it with the videomarkers on this page for the “Fleet Monitor” and the “Smart Eye”. How it works:

1. Open “PALFINGER XR” App & click “AR Browser”
2. Scan a marker (picture with ‘play’button) to play related videos

This function is also available in the operator manual supplied with our products.



