PAUS
...the people who care

Trailer Crane

PTK 31 evo

STRONG. STABLE. DURABLE.
EVERY DAY.

PTK 31 evo
Overview

USER-FRIENDLY

Ergonomic remote control with color display and linear or cross lever, fine controllability through creep speed, optical load indicator for more safety.

PAUS CONNECT CLOUD (PCC)

Real-time monitoring, remote diagnostics, statistical evaluation of operations.

DRIVE TYPES

Petrol, diesel, battery electric.

EASY TO OPERATE

Extendable jib with hydraulic articulated joint, hydraulic drive, lowerable rear axle via remote control, four hydraulic folding supports (tele-scopic).

EASY TO MAINTAIN

Good accessibility to engine components, very good sound insulation, catodic dip-treated chassis including powder coating and cavity sealing.

STABLE

EIndividually foldable and telescopic supports ensure high stability even on narrow and uneven ground such as stairs or high curbs.

COMPACT

The retractable drawbar reduces the footprint, narrow support width, and narrow transport width.

MOBILE

Even with narrow supports and under full load, it can be rotated 360° endlessly.

*The images shown in this brochure may contain optional accessories.

Ready for Any Task!
PTK 31 evo

Exceptionally Versatile

The Paus trailer crane PTK 31 evo is the ideal solution for a wide range of industries, such as timber construction or window, glass, and interior installation, where maximum flexibility and efficiency are essential. Its intuitive operation makes the PTK 31 evo perfect for rental use, delivering immediate economic benefits.

With a payload of up to 1,600 kg and a maximum extension length of 30.5 m, the PTK 31 evo effortlessly handles demanding lifting and transport tasks.

Thanks to its innovative, interlocked aluminum profiles, the crane remains both lightweight and stable. Its four individually foldable and telescoping supports ensure secure operation even on tight or uneven terrain, such as stairs or high curbs.

Standards that Convince

The Paus PTK 31 evo trailer crane sets standards in terms of performance and reliability. The torsion-resistant telescopic profiles made of high-strength aluminum enable heavy loads and extended reach.

The ergonomic remote control with linear or, brand new, cross levers and an integrated color display showing all relevant operating data guarantees simple and intuitive operation. A cathodic dip-treated chassis with powder coating ensures a long service life - even under demanding conditions. The standard 360° endless rotation allows flexible operation without the need to reposition the crane on-site.

Low Space Requirement
in Confined Areas

The Paus trailer crane PTK 31 evo impresses with an exceptionally narrow passage width of only 1.97 m – a unique feature in the market. This makes the crane a reliable partner even in confined spaces and narrow entrances, ensuring high flexibility on your construction sites.

Flexibility in Everyday Work with Variable Support

- Equipped with individually foldable and telescoping supports, the Paus trailer crane remains exceptionally versatile
- A minimal stabilization width of just 3.52 m ensures a secure position even in the tightest spaces

The PTK 31 evo – for maximum efficiency and mobility wherever it matters most.

Variety of Options
Remote Control

To enhance the user-friendliness of the trailer crane, remote controls with either linear or cross levers are offered. These enable intuitive and precise control of all crane functions from a safe distance and optimal viewing position.

Remote control with linear levers

Remote control with cross levers

Full Control via Remote Access – Comfort Meets High Performance

The comfort package of the PTK 31 evo also offers clever functions that can be controlled directly via the remote access for even greater efficiency:

- Time-saving automatic support system: Guarantees quick and safe setup at the touch of a button, even on uneven terrain.
- Lowerable rear axis: Reduces the turning circle and enables effortless maneuvering in narrow construction site entrances.
- Hydraulic high-performance wheel drive: Combines sensitive maneuvering with powerful driving to precisely position the crane at the work site.

Jib Extension

The jib extension with an integrated load hook facilitates precise placement of elements beneath overhangs, balconies, and porch roofs.

Variety of Options

The Green Heart in the Crane

Battery electric Drive

At Paus, environmental friendliness and innovative lifting technology are at the forefront. For the PTK 31 evo trailer crane, we offer a specially developed, emission-free, and powerful battery electric drive. The crane features 230 V charging technology, allowing charging even during operation, thus minimizing interruptions. The battery electric solution enables quiet, low-vibration operation and significantly reduces CO2 emissions compared to conventional drives.

The batteries, which can be removed for transport or replacement purposes, increase the availability and user-friendliness of the crane.

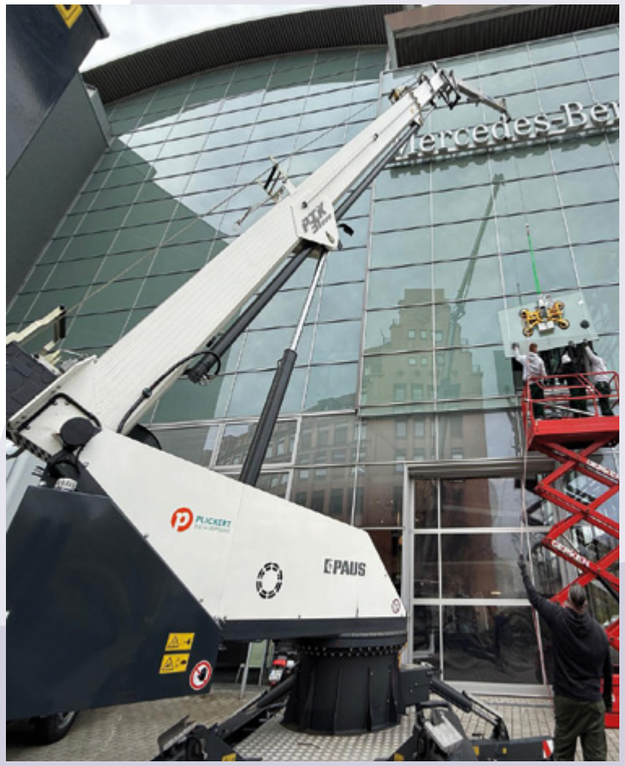
Each battery features integrated safety technology, including advanced monitoring, overvoltage protection, and temperature control, further enhancing construction site safety. In addition, intelligent battery management ensures optimal battery utilization, extended lifespan, and reduced maintenance costs.

Sustainability from the Start

The evo model thus demonstrates a future-oriented combination of performance, safety and ease of use, setting new standards, especially in exhaust- or noise-sensitive work areas.

PTK 31 evo in Action

The Solution for Every Construction Site

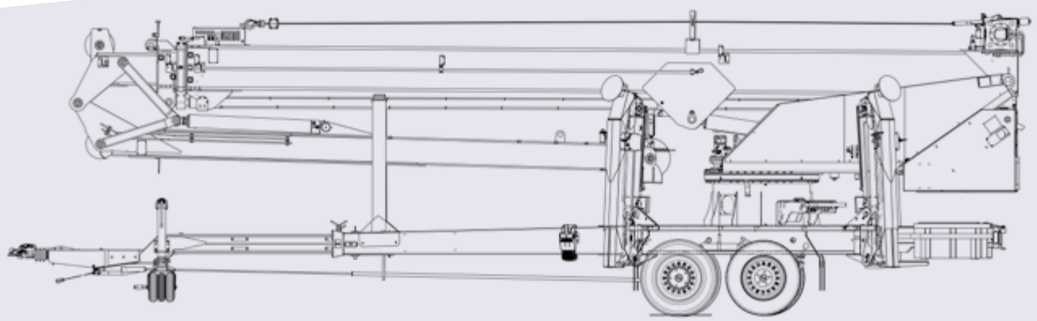


Technical Data

PTK 31 evo

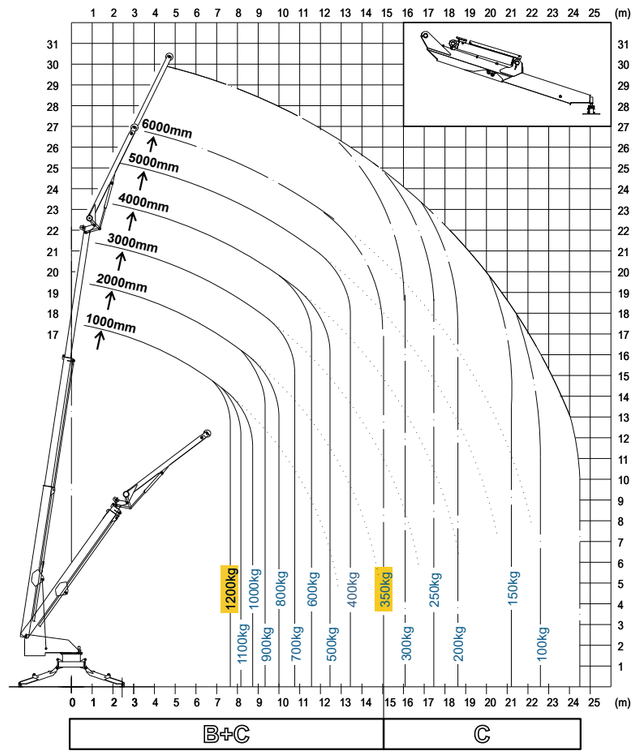
TECHNICAL DATA	PTK 31 evo
Maximum extension length	approx. 30.50 m
Articulated boom angle	approx. 0° - 162°
Maximum upright angle	83°
Cable velocity	approx. 0 - 50 m/min
Drive	Petrol / Diesel / Battery electric
Pivot range	360° endless
Minimum footprint width	approx. 3.52 m
Maximum footprint width	approx. 4.80 m
Maximum payload	approx. 1.600 kg
Transport width	approx. 1.97 m
Transport height	approx. 2.57 m
Transport length with drawbar	approx. 9.10 m
Axle load	approx. 3,500 kg
Support load	approx. 150 kg
Total weight	approx. 3,500 kg*

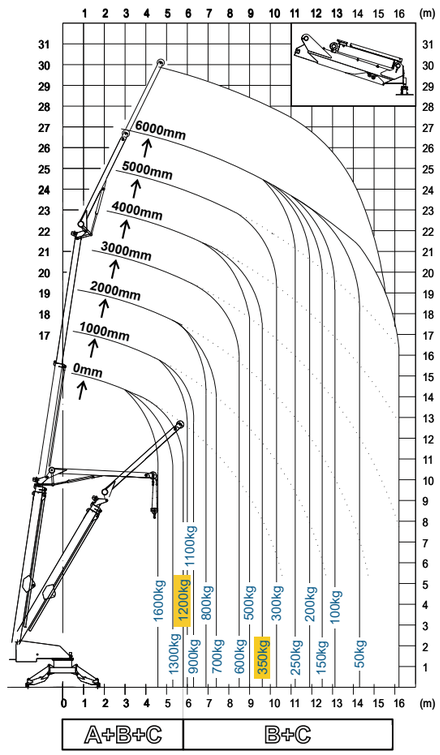
*in the basic version. The images shown in this brochure may contain optional accessories.

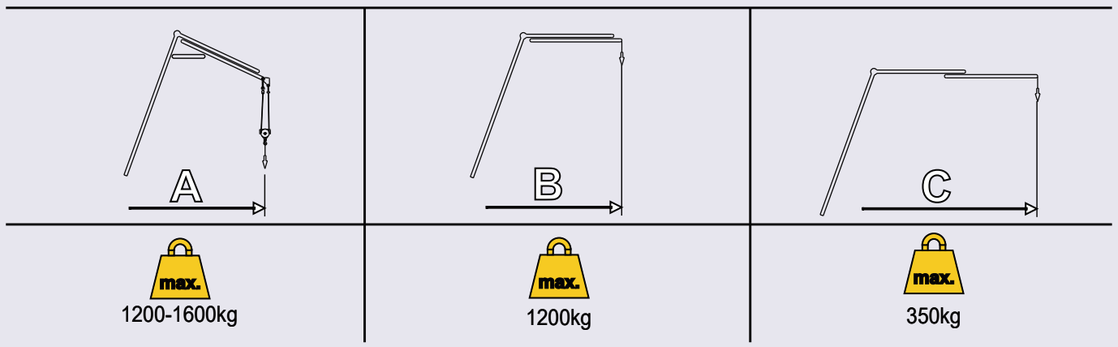


Subject to technical changes. Dimensions may vary slightly.

Work Diagram







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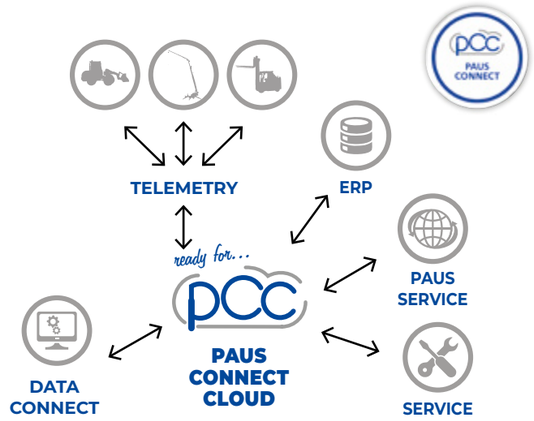
Paus Connect Cloud

The Paus monitoring system

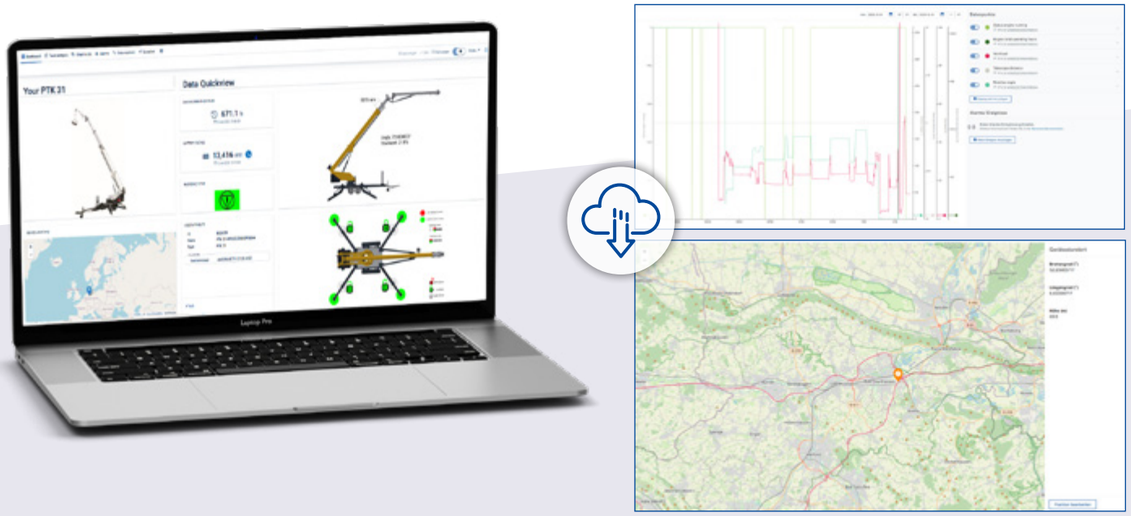
The Paus Connect Cloud is a proven system „Made in Germany“. Keep an eye on your machines at all times: see how your machine is being used, monitor messages and be prepared for possible machine maintenance.

The system is standard equipment for the PTK 31 evo trailer crane.



- Realtime Monitoring
- Remote Diagnosis
- Geofencing*
- Machine Operation Approval*
- Statistical Analysis of Operations
- User Administration
- Acceleration Sensors
- Connectivity
- Capacity for Extentions & Integrations*
- Retrofit Option

* on request



HERE YOU CAN REACH OUR SERVICE PAGE:

www.paus.de/en/service-spare-parts

We are there, where our customers are

Maintenance and service:

Repairs and maintenance work are central points in customer service. Paus offers a comprehensive service program to its customers:

- Service on site or in the factory by our technicians
- Service by our trained, regional service partners
- Support for customers with technical inquiries through our service consultant

Digital Support

Troubleshooting your machine remotely

In the event of a machine failure we offer remote maintenance as if we were on site, via remote access or remote control to the technician's desktop. It doesn't matter which Paus machine it is.

Your advantage: affordable, flexible and fast help.

We use the proven TeamViewer program to establish a remote connection via a secure network and provide assistance in the event of a problem.

Spare Parts Catalog

Online spare parts catalog

We place maximum value on high availability of Paus spare parts. Alongside maintenance and service parts that are available at any time, we offer our customers the option to purchase spare parts for engines, axles, transmissions, etc. through us. Additionally, maintenance and service packages are continually available from us.

We guarantee this fast and convenient service thanks to a comprehensive concept, consisting of material planning, stockkeeping and logistics. We thus keep a customized warehouse stock at the Paus central warehouse in Emsbüren available for our customers at any time.

We are also available to help with special consultation, including on-site at our customers‘ location if necessary.

Warranties

Warranties

Our machines are built using our many decades of wide-ranging experience and according to the requirements of our client. Together with our quality management system, certified in accordance with ISO 9001, we achieve a constantly high product quality. If any problems should nevertheless arise, please contact our local dealer or contact Paus directly.

Our services at a glance:

- Central warranty processing at the plant
- Optional warranty extension
- Fast repair and processing

PAUS
...the people who care

We care

We inspire as a preferred, innovative partner with individual solutions for transport and safety of humans and material.

As a specialist for complete and special solutions Paus offers an extensive range of machines for mining and tunneling, lifting technology and construction machinery since 1968.

Paus means „Quality Made in Germany“.

Our quality management is certified according to ISO 9001.

ZDH ZERT
DIN EN ISO 9001
REG.-NR. QE 0310007

IHK
2024–2027
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