



PAUS
...the people who care

**ALUMINIUM-
TRAILER CRANE**
PTK 27
PTK 31

MINING AND TUNNELING | LIFTTECH | CONSTRUCTION MACHINES

STRONGER, MORE
STABLE AND MORE
FLEXIBLE IN USE –
EVERY DAY



PAUS OFFERS,
WHAT YOU NEED IN YOUR
DAILY OPERATIONS:

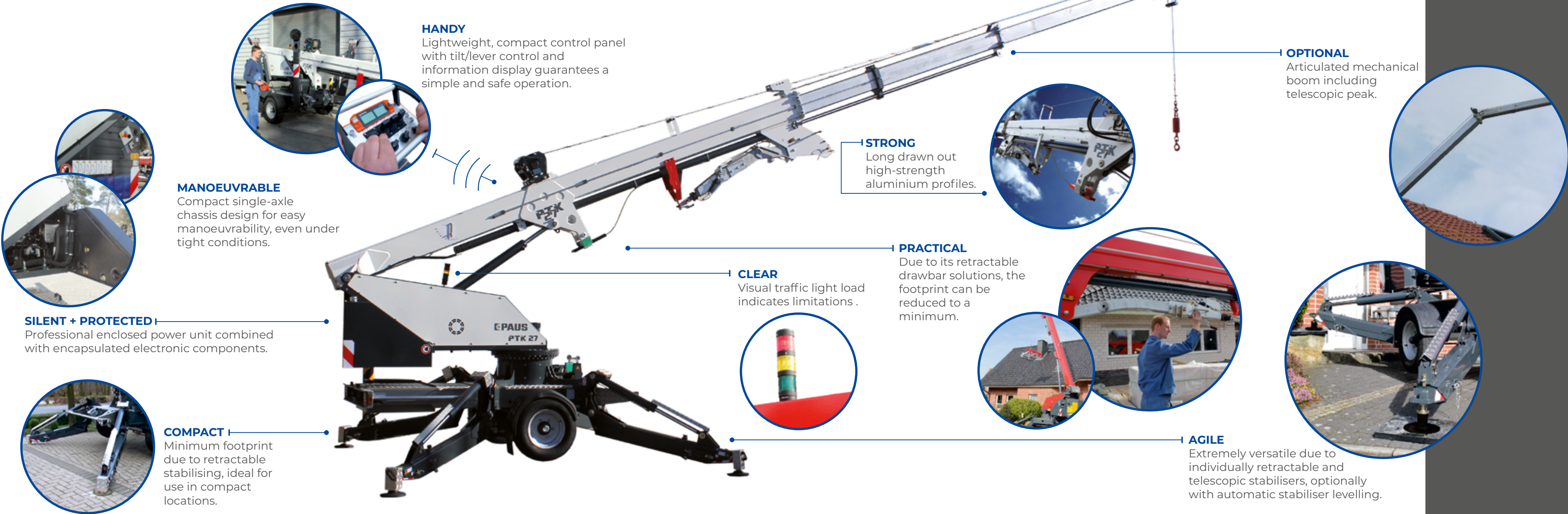
- **Stability and durability in every situation**
- **Sufficient performance and power for every operation**
- **Agile and fast in tight spaces**
- **Reliability and excellent quality**
- **Support in every situation**

A family business with a feel for what is really important

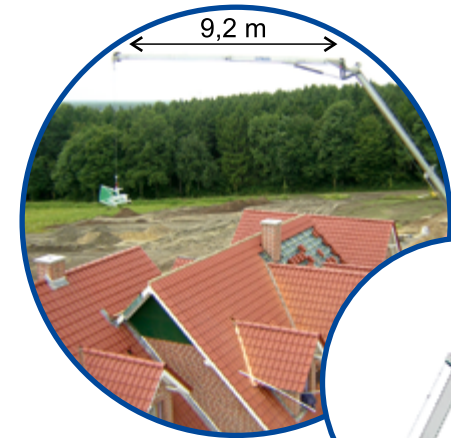
Paus means efficiency, quality and sustainability in true engineering tradition. As a family business, we develop construction machines, mining and tunneling machines and lift technology at our home in Emsbüren, Germany. Our goal: Your success! Paus machines will enable you to continually master even the toughest of challenges.

PTK 27

THE MOST COMPACT IN ITS CLASS!



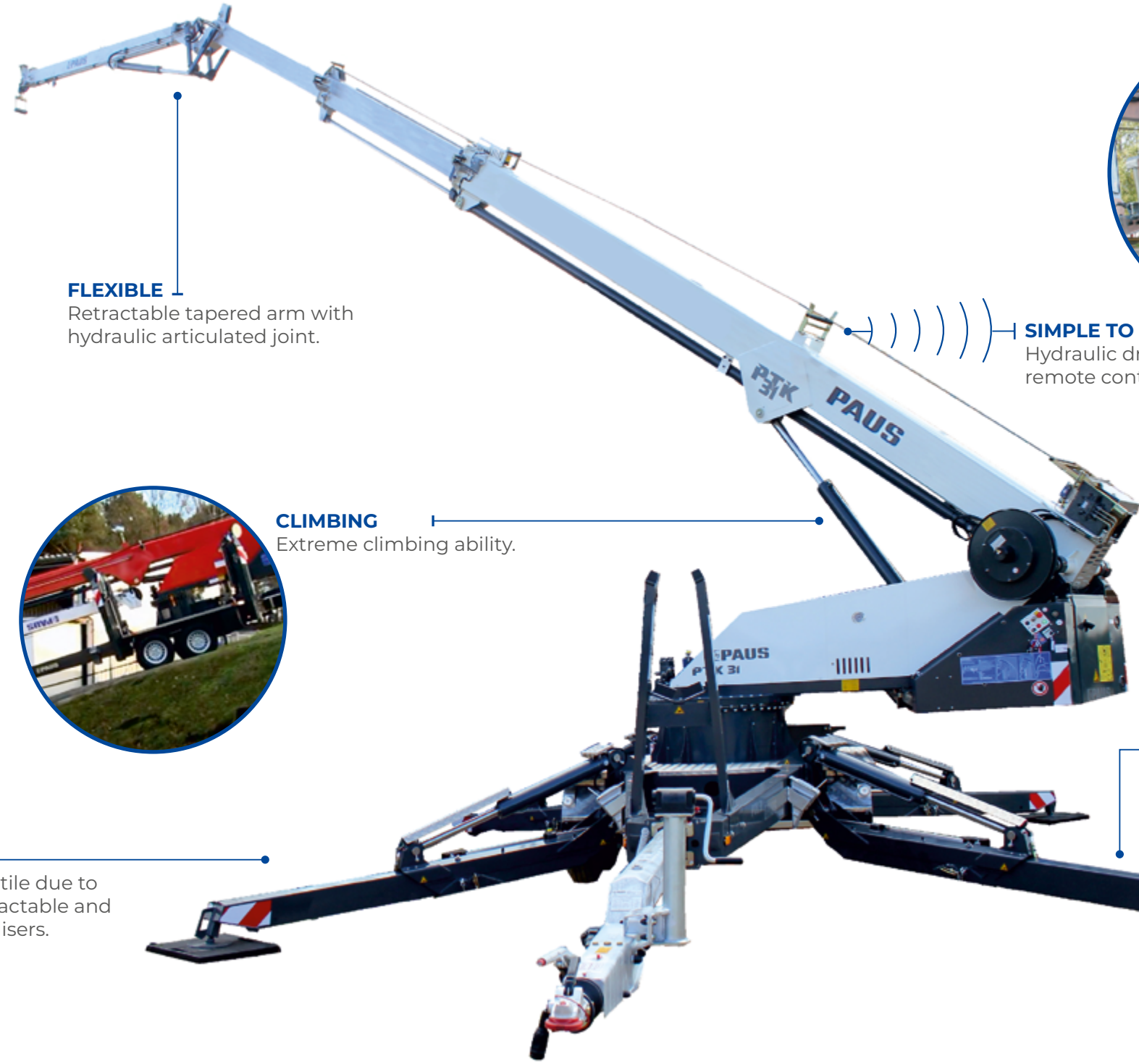
PTK 31
FOR EVERY JOB!



AGILE
Extremely versatile due to individually retractable and telescopic stabilisers.



CLIMBING
Extreme climbing ability.



FLEXIBLE
Retractable tapered arm with hydraulic articulated joint.

SIMPLE TO USE
Hydraulic drive with remote control operation.

COST-EFFECTIVE
Large 25 litre petrol tank; low fuel consumption due to load-dependent speed control.

COMPACT
Retractable drawbars reduce the footprint.

AGILE
Even with narrow supports and 360° endless rotation at full load.



CONVENIENT
Ergonomic control panel with integrated analysis display and display of relevant operating data.



LOW MAINTENANCE
Wide-opening doors for easy access to engine components, excellent sound insulation.



STANDARDS, THAT IMPRESS



PTK 27

- Extension length of up to 27 meters
- Maximum payload 1 tonne
- Excellent lateral reach at maximum stability
- Can be used as a telescopic crane or with an articulated boom
- Cataphoretic painting treated chassis including sealed voids and power coating
- Low net weight - at only 2.9 tonnes, the PTK 27 can be simply towed by car to site
- Extremely small footprint due to patented drawbar mechanism fixed to the boom

PTK 31

- Extension length of up to 31 meters
- Maximum payload 1.6 tonnes
- Fully hydraulic tapered arm
- Sealed aluminium profiles for even greater stability
- Radio remote control makes it extremely simple to handle
- Cataphoretic painting treated chassis including sealed voids and power coating
- Excellent lateral reach with maximum stability
- With an overall weight of 3.5 tonnes, the crane can be simply towed by car to site

COMFORT PACKAGE

Consisting of the following highlights, controllable from the control panel:

- Simple to set up with automatic self-levelling
- Rear axle lowers to enhance manoeuvrability (PTK 31)
- Hydraulic high-performance radio controlled wheel drive



OPTIONEN, THAT INSPIRE



ELECTRIC DRIVE PTK 31

- Environmentally friendly 400 V E-drive
- Emission free & low noise
- Can be used inside halls
- Easy disassembly due to quick-release connections and forklift inserts

SPECIAL PAINTING

We can paint your Paus trailer crane to any colour of your choice to showcase your corporate colour to the best advantage.



BASE PLATES

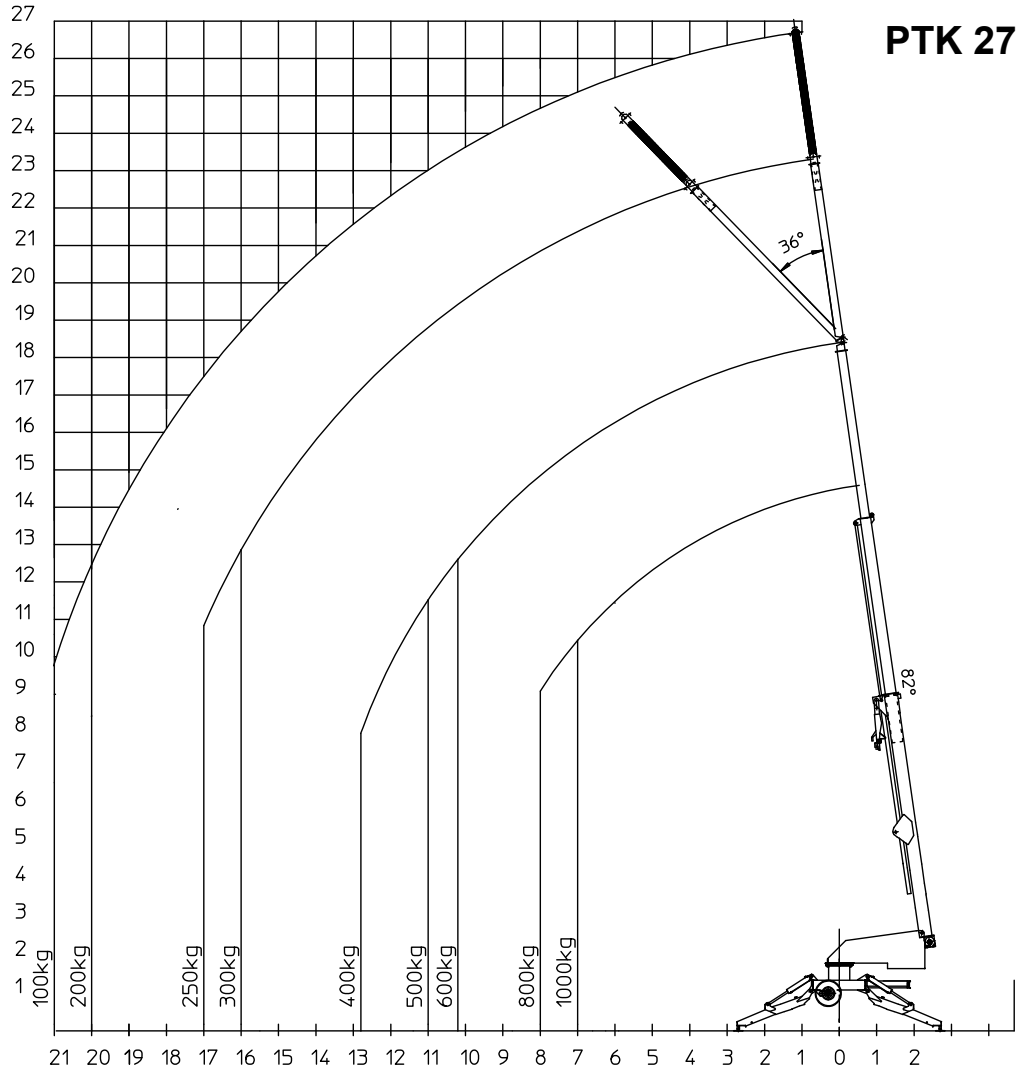
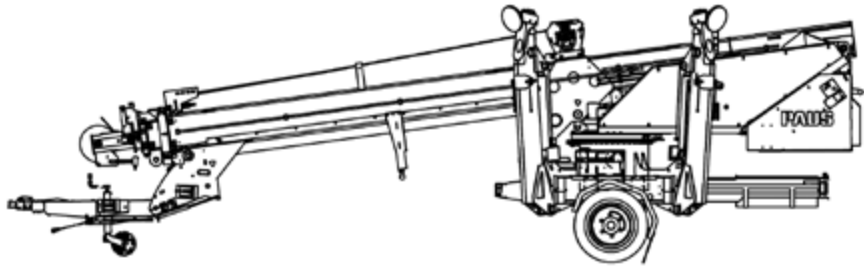
Base plates are available as accessories for optimum weight distribution even on loose ground.



PTK 27

TECHNICAL DATA

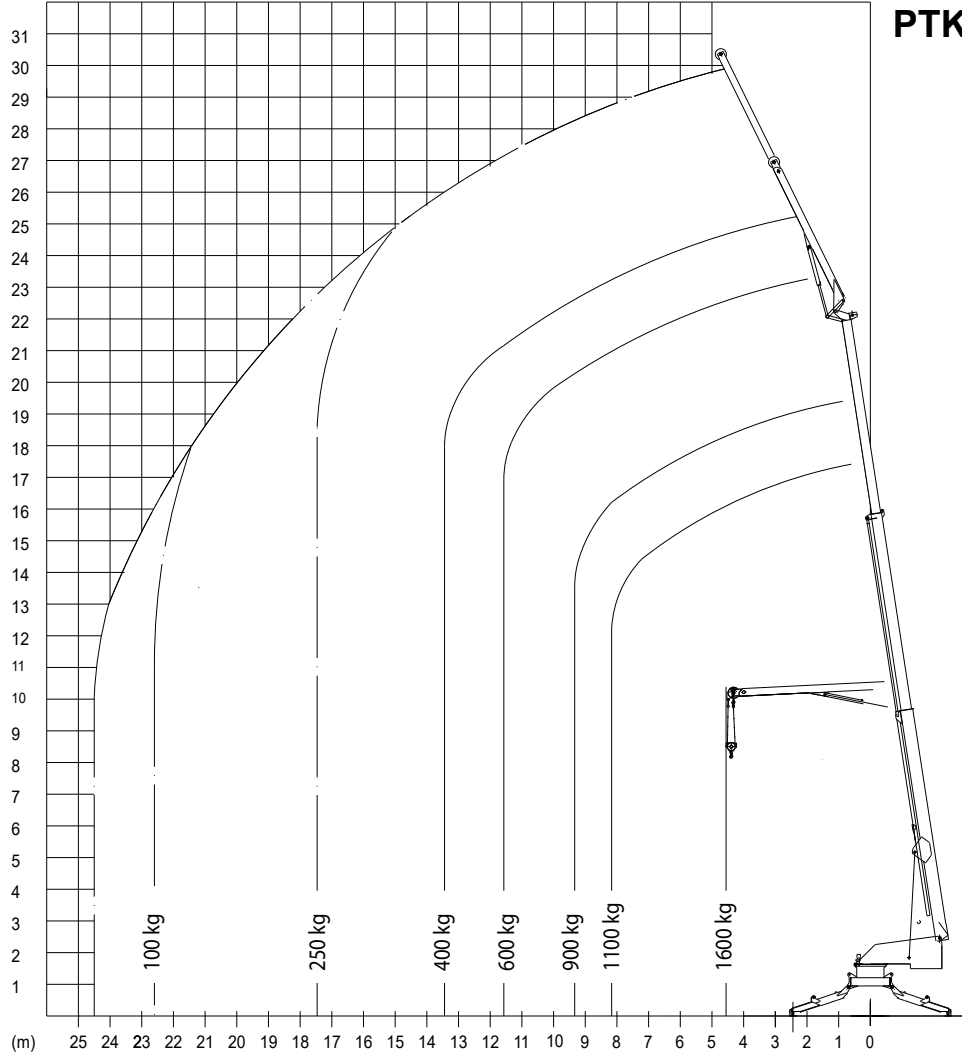
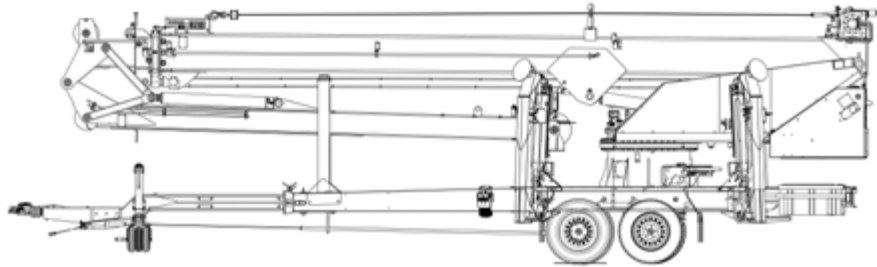
Maximum extension length	approx. 26.50 m
Arm angle	82°
Maximum upright angle	36°
Cable velocity	approx. 0 - 45 m/min
Drive	Petrol / opt. Diesel
Pivot range	440° rotation stop opt. 360° continuous
Minimum footprint width	approx. 3.85 m
Maximum footprint width	approx. 5.40 m
Maximum payload	approx. 1,000 kg
Transport width	approx. 2.18 m
Transport height	approx. 2.32 m
Transport length with drawbar	approx. 8.15 m
Axle load	max. 2,900 kg
Support load	max. 100 kg
Total weight (standard version)	max. 2,900 kg



PTK 31

TECHNICAL DATA

Maximum extension length	approx. 30.50 m
Arm angle	approx. 0° - 173°
Maximum upright angle	83°
Cable velocity	approx. 0 - 50 m/min
Drive	Petrol / opt. Diesel
Pivot range	360° continuous
Minimum footprint width	approx. 3.30 m
Maximum footprint width	approx. 4.80 m
Maximum payload	approx. 1,600 kg
Transport width	approx. 1.99 m
Transport height	approx. 2.45 m
Transport length with drawbar	approx. 8.80 m
Axle load	approx. 3,500 kg
Support load	max. 150 kg
Total weight (standard version)	approx. 3,500 kg



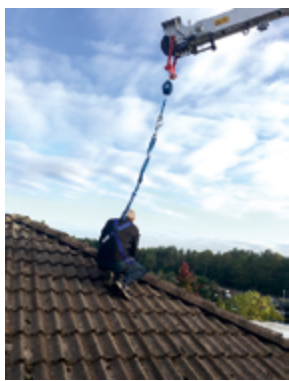
SAFETY

PERSONAL PROTECTIVE EQUIPMENT

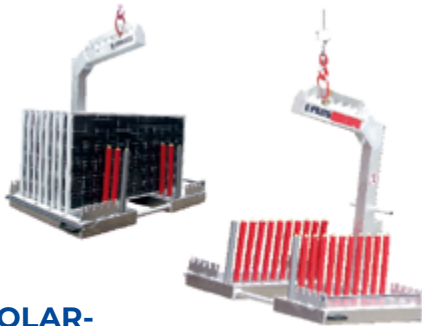


PERSONAL PROTECTIVE EQUIPEMENT PTK 31

- Protection of persons while working at heights
- Fall arrester (according to EN 360) incl. safety harness is suspended in the load hook adapter
- Working radius of the fall arrester from the tip of the hook - 10 meters
- Radio remote control is connected to the crane by cable - visual contact between the operator and the secured person
- Current status of the fall arrest device is indicated on the display
- Protection against incorrect operation by monitoring all safety-related requirements



ACCESSORIES

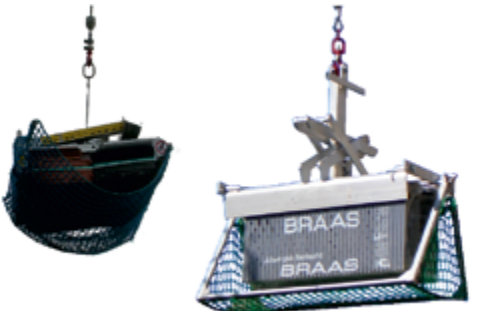


SOLAR-MODULE DISTRIBUTOR

JIB EXTENSION



TILE DISTRIBUTOR



ALUMINIUM ROOF TILE CLAMPS



ALUMINIUM LONG-MATERIAL FORK

SLINGS



UP TO 1,200 KG PAYLOAD

DIFFERENT ALUMINIUM PALETTE FORKS



ALUMINIUM TIPPING BUCKET



DIVERSE GLASS TRANSPORT EQUIPMENT

SERVICE

CUSTOMER SERVICE



ONLINE SPARE-PARTS CATALOGUE



TRAININGS



WARRANTIES



SERVICE NETWORK



CONTACT



PAUS CONNECT



PAUS QUICKSUPPORT



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 technicians
- Service by our trained, regional service partners
- Support for customers with technical inquiries through our service consultant

SPARE PARTS

We give high priority to the availability of Paus spare parts. Besides maintenance and service parts, we offer our customers the possibility to purchase spare parts for engines, axles, gearboxes etc. through us. Furthermore, maintenance and service packages can be called up from us. You are welcome to use our online spare parts catalog for this purpose. This fast and uncomplicated service is guaranteed by our comprehensive concept of disposition, warehousing, and logistics. We maintain stock at the Paus central warehouse in Emsbüren for our customers at any time. Please do not hesitate to contact us for a specific consultation, if necessary, and also at our customer's on-site, if necessary.



Here you can reach our service page:





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WE CARE

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

Paus means „Quality Made in Germany“.

Our quality management is certified according to ISO 9001.



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