

BASIC LINE **RAILWAY CRANES**

Fully compliant railway cranes at competitive prices.

LIFETIME EXCELLENCE



RAILWAY BASIC LINE

Why specialised railway cranes?

As a complement to our custom made and specialized railway cranes and access platforms, we have decided to develop a series of standardised cranes, encapsulating 8 models with lifting capacities ranging from 8.2 to 32.6 tm.

These Railway Cranes, against standard lorry loader cranes, are equipped with a control system meeting **pld (performance level d)** acc. to EN13849 which is obligatory for safety functions like lateral and vertical movement limiters and for workman basket operations.

Railway cranes, unlike standard lorry loader cranes, cannot be levelled horizontally due to the tracks' super elevation on curves. Inclinations exceeding 10° , resulting from max. 8° **track cant** plus deflection of suspension and chassis, are common. The Railway Cranes control their lifting capacity (amongst other influences) depending on its inclination and therefore all components, especially slew system and extension booms are protected against unintentional overloading.

Hydraulically operated outriggers, earth bonding, stability control depending on crane inclination and a freely ergonomically positionable emergency control stand contribute to additional **safety** and unbeatable increase of **performance** in the railway environment.

The following pages provide further insight to these and other features which increase safety and performance.

BASIC LINE UNCOMPROMISINGLY DESIGNED FOR THE RAILWAY ENVIRONMENT



PALFINGER RAILWAY BASIC LINE

Many years of experience with cranes in the railway sector allow us to provide a standardized crane range, which meets, besides the standards for lorry loader cranes, the harsh normative requirements of the railway industry. These cranes of course meet Palfinger's highest safety standards and due to the standardization they are available at reasonable prices.



Toggle linkage system

Toggle linkage system on inner and outer boom for optimum lifting capacity below overhead wires.

15° reversible outer boom

15° reversible outer boom for improved maneuverability below overhead wires.

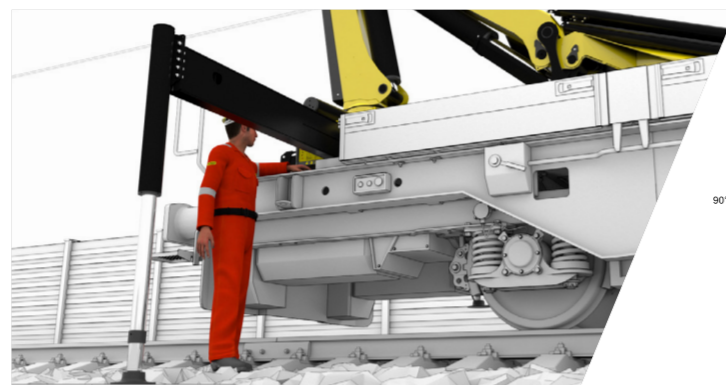


Radio remote control

Radio remote control for all proportional crane functions and on/off signals for crane and vehicle.

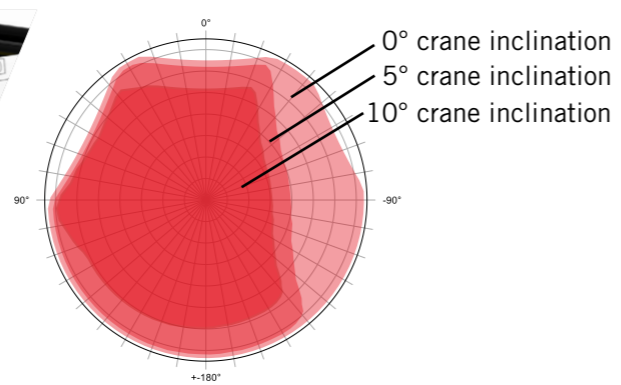
Emergency Control

Increased safety with a freely ergonomically positionable emergency control desk.



Hydraulic lateral outriggers

Maximum comfort and safety with the hydraulically extendable outriggers and support legs.



Stability control

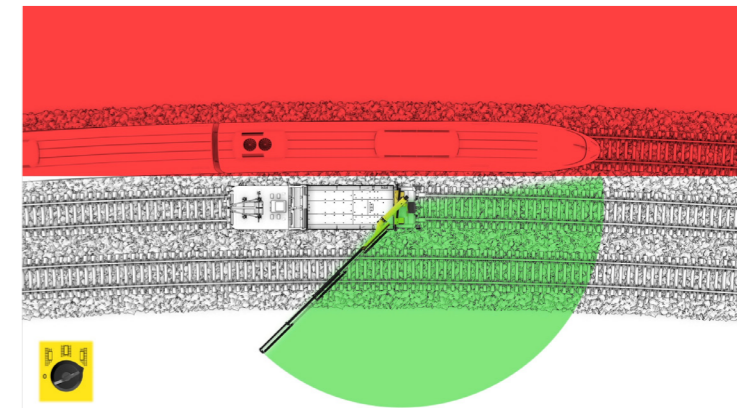
Due to the consideration of the crane's inclination, the lifting capacity can be increased substantially on flat track sections or when working on the outside of the track curve.

PALFINGER RAILWAY SAFETY AND EFFICIENCY

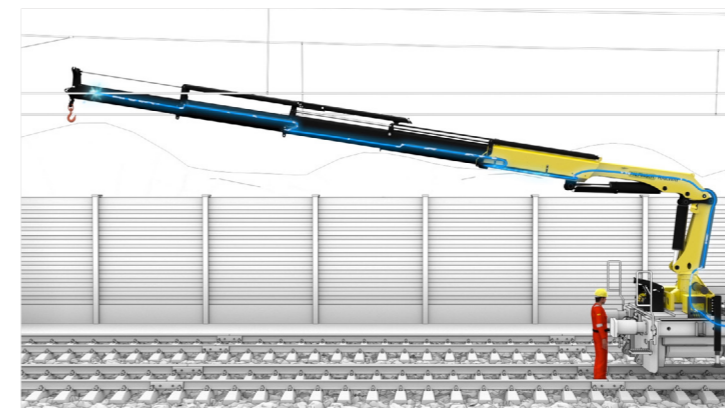
In terms of safety Palfinger never has accepted compromises. Cranes in the railway environment, especially when working with adjacent lines open, below live contact wires or on canted track require appropriate measures to guarantee safety of the operators and train passengers on the adjacent lines.



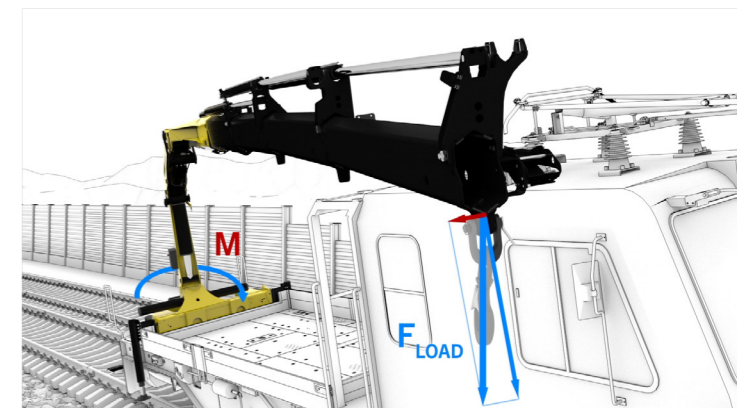
Height Limiter pld-compliant acc. to EN 13849



Slew Limiter pld-compliant acc. to EN 13849



Earth bonded

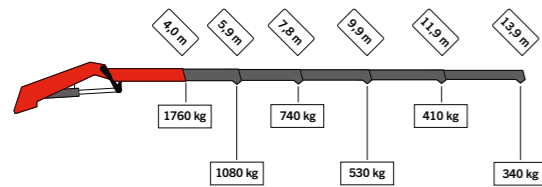


Control of lifting capacity for working on canted track (up to 15° incl. deflection of suspension and chassis)

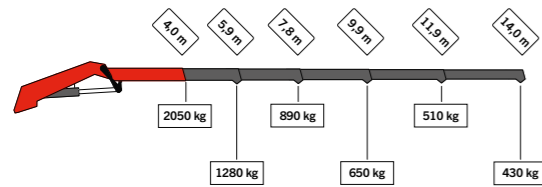
AVAILABLE MODELS

FROM 8.2 TO 32.6 MT LIFTING CAPACITY

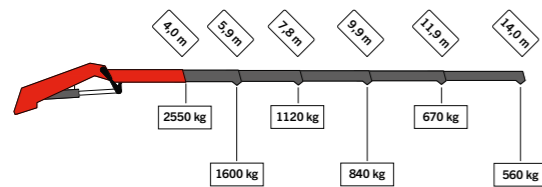
PK 8502-RW D



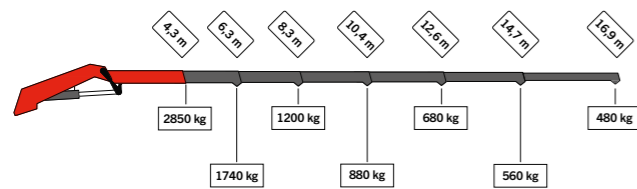
PK 10002-RW D



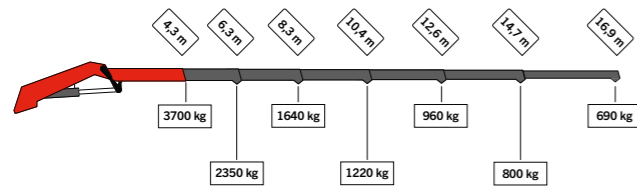
PK 12502-RW D



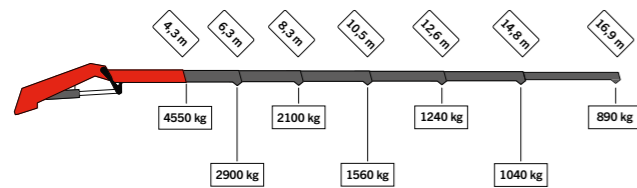
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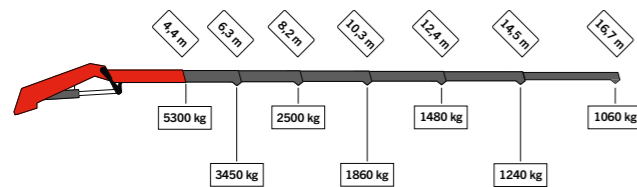
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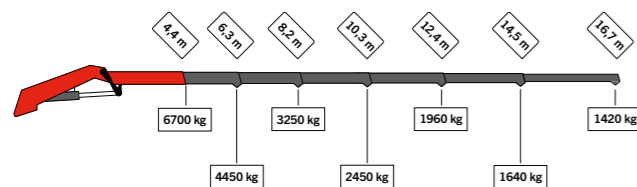
PK 23002-RW E



PK 27002-RW E



PK 34002-RW E

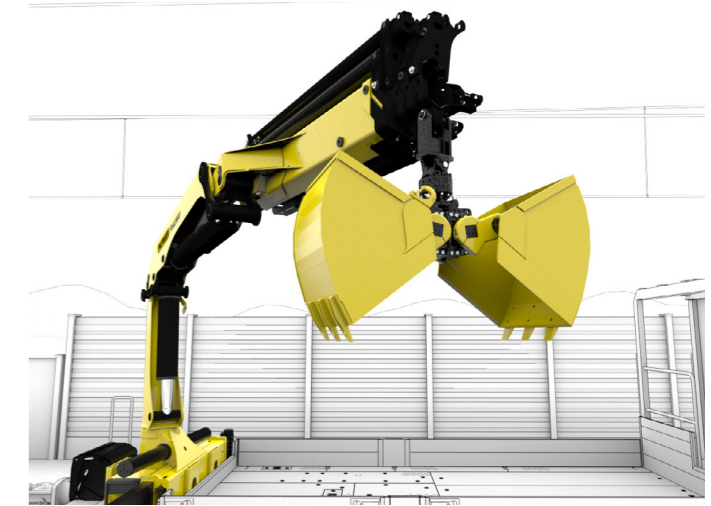


BASIC LINE CRANE ATTACHMENTS

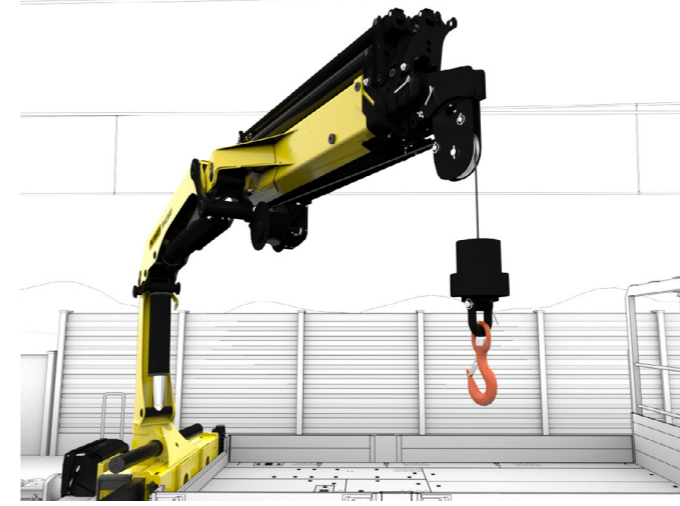
The PALFINGER Railway Basic Line can be equipped with multiple crane attachments.



Sleeper and rail grab



Clam shell bucket



Hydraulic winch especially for canted track



Workman basket EN280 compliant

VIDEO



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Cranes shown in the leaflet are partially optional equipped and do not always correspond to the standard version. Country-specific regulations must be observed. Dimensions may vary. Subject to technical changes, errors and translation mistakes.