PK 200002 L SH

DELICATE ASSEMBLY JOBS AND HEAVY-DUTY APPLICATIONS ARE WHAT IT DOES BEST

LIFETIME EXCELLENCE
LIFETIME EXCELLENCE

PALFINGER loader cranes are convincing due to their superior life-cycle performance. They are the most economical and also the most reliable over the entire product life. From solution finding to resale.

• Better solutions
• Better efficiency
• Better ergonomics
• Higher availability
• More reliability
• Better ecology
• Higher serviceability
• Higher value retention
PERFECT WORKING EQUIPMENT

- High mobility due to the mounting on standard truck chassis
- Very stiff and light boom system thanks to new P-Profile
- Hydraulic lifting height of roughly 49 meters thanks to long boom design
- Additional applications with Power Link Plus
- High working speed thanks to double circuit control
- Maximum precision and safety due to AOS
- Special stabiliser concept with extendable rear stabiliser ram
- Maximum utilisation of the working range thanks to extended HPSC
- More efficiency with fly-jib due to DPS Plus
FIRST-RATE
IN DESIGN AND PERFORMANCE

15 Highlights

Continuous slewing system
Unrestricted movement
More efficient in operation due to faster loading cycles, since the crane can be slewed over a shorter distance. The crane works more efficiently and faster.

Power Link Plus
High variety of uses
With the 15 degree reverse linkage system on the knuckle boom and the 25 degree reverse linkage system fly-jib, you can reach through low door openings and also work inside buildings. Heavy crane work – even in difficult conditions.

Extension boom system
Excellent stability, even at a height
Thanks to the use of high-strength fine-grain structural steels in combination with a new extension boom profile, stiffness is increased and weight reduced.

HPSC
Maximum utilisation of the working range
The variable stabiliser positioning of the High Performance Stability Control System allows the full lifting capacity of the crane to be used, even when working within tight spaces.

S-HPLS
More lifting power when it counts
S-HPLS is one of the most important functions of the PALTRONIC 150. It is a fully automatic system for increasing lifting power. The lifting power and crane speed can be continuously adapted to suit requirements.

PALcom P7
Communication with the operator
The new PALcom P7 features a modern, ergonomic design. The centrally located knob „PALdrive“ and a large colour display enables easy and safe operation.
More comfort in rope winch operation
The SRC (Syncronised Rope Control) system maintains a constant distance between the pulley head and the hook block. This advantage is particularly valuable in terms of ease use for the operator, and it also noticeably improves the efficiency of any operation.

Additional possible applications
The 4.5-tonne winch features high lifting power.

Cable winch

Functional design
Practical and attractive
Robust plastic covers protect crane parts against dirt and damage. Improved looks and increased operational comfort – throughout the entire lifetime.

AOS
Maximum precision and safety
The active oscillation suppression system prevents „post-oscillation“ in the event of rapid braking or load changes. The stress peaks on the extension boom system are reduced and material fatigue and wear are minimized. This increases the resale value.

SRC
More comfort in rope winch operation
The SRC (Syncronised Rope Control) system maintains a constant distance between the pulley head and the hook block. This advantage is particularly valuable in terms of ease use for the operator, and it also noticeably improves the efficiency of any operation.

DPS Plus
More efficient fly jib operation
The Dual Power System allows multiple uses of the crane both for large outreach- es as well as for heavy load operation.

Functional design
Practical and attractive
Robust plastic covers protect crane parts against dirt and damage. Improved looks and increased operational comfort – throughout the entire lifetime.

Soft Stop function
Improved comfort and safety
The Soft Stop function is an electronic limit position damper. It causes gentle braking of all crane movements before the limit position is reached. Hence, jerky movements and load impacts can be avoided. The crane can be operated more gently and precisely.

AOS
Maximum precision and safety
The active oscillation suppression system prevents „post-oscillation“ in the event of rapid braking or load changes. The stress peaks on the extension boom system are reduced and material fatigue and wear are minimized. This increases the resale value.

Workman basket
Maximised functionality
With the aid of the workman basket, additional duties like installation and maintenance work can be performed with the crane.

Stabiliser concept
Operation in restricted spaces
The PK 200002 L SH has four-way stabilisers with full sensor monitoring. An additional front stabiliser cylinder and an extendible rear stabiliser cylinder integrated into the frame of the crane complete the stabiliser concept.

Mounting concept
A one-stop solution
PALFINGER offers its customers complete solutions from the factory via the Mounting Competence Center. This allows mounting to be standardised and optimised on a conventional 4-axle or even a 5-axle truck.

*Optional features / country-specific equipment
MAXIMUM PRECISION

In a newly constructed office complex, there are five large winter gardens at a height of 30 metres. These gardens feature impressive palm trees and grevillea trees with a height of eight metres. The individual parts had to be lifted with millimetre accuracy through an open segment of the window on the eighth floor into the interior of the office complex.
PK 200002 L SH

HIGH PERFORMANCE

More lifting power when it is really needed.

The outreaches stated are with a boom angle of 20° and are therefore not the maximum.
## Lifting capacities

<table>
<thead>
<tr>
<th>Max.</th>
<th>40000 kg/392.4 kN</th>
<th>88,200 lbs</th>
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<tr>
<td>6.9 m</td>
<td>20300 kg/199.1 kN</td>
<td>44,700 lbs</td>
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<td>8.9 m</td>
<td>15600 kg/153.0 kN</td>
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<td>11.0 m</td>
<td>12400 kg/121.6 kN</td>
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<tr>
<td>13.2 m</td>
<td>10200 kg/100.1 kN</td>
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<td>15.5 m</td>
<td>8700 kg/85.3 kN</td>
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<td>18900 kg/185.4 kN</td>
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<td>11.2 m</td>
<td>11300 kg/110.9 kN</td>
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<td>13.4 m</td>
<td>9100 kg/89.3 kN</td>
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<td>15.7 m</td>
<td>7600 kg/74.6 kN</td>
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<tr>
<td>18.1 m</td>
<td>6600 kg/64.7 kN</td>
<td>14,400 lbs</td>
</tr>
<tr>
<td>20.4 m</td>
<td>5800 kg/56.9 kN</td>
<td>12,700 lbs</td>
</tr>
</tbody>
</table>

## Technical specifications

**EN 12999 HC1 HD5/S1**

- Max. lifting moment: 150.7 mt / 1478 kNm, 1090030 ft.lbs
- Max. lifting capacity: 40000 kg / 392.3 kN, 88200 lbs
- Max. hydraulic outreach: 25.6 m, 83' 12"'
- Max. outreach (with fly-jib): 47.9 m, 157' 3"
- Slewing angle: endless
- Slewing torque: 12.5 mt / 122.6 kNm, 90390 ft.lbs
- Stabiliser spread: 10.4 m, 34' 1"
- Max. operating pressure: 385 bar, 5583 psi
- Recommended pump capacity: 2 x 120 l/min, 31.7 US gal/min
The outreaches stated are with a boom angle of 20° and are therefore not the maximum.
Platform
On the basis of a standardised platform, different platform variants are offered. The design of the front, rear and side walls is individually adapted to the preferred variant. The steel parts of the platform design feature KTL coating and are painted in the customer’s preferred colour.

Storage system
A standard holder is available for all components of the crane gear, for dunnage and for other miscellaneous accessory components. In order to reduce set-up times, the holders are positioned in the best possible place for removal of the gear. This enables the crane driver to set up the crane without additional help.

Workman basket storage
For safe transportation of the workman basket, a place to store the workman basket can be mounted at the factory in conjunction with the rear panel at the rear of the vehicle.

Design of rear cover panel
The cover panel is slightly rounded on the corners of the vehicle and finishes off the vehicle with an attractive design. The rear stabiliser is covered with a flush-mounted cover. The interior spaces in the rear cover are a perfect place to stow lashing equipment or lifting straps.

Front stabiliser
A front stabiliser can be added in order to maximize the overall performance of the vehicle. If required, this can also include the necessary chassis frame reinforcement. The front stabiliser cover is accurately matched to the front-end shape of the relevant truck.

Additional lighting
In order to optimise the lighting for the vehicle environment and the stabiliser area around the vehicle, modern LED working lights, for the license plate and for the periphery can be fitted on request. This not only increases your vehicle’s visual appeal but also improves working safety when there is not much natural light available.

Tool and storage boxes
Starting with a specially designed box with a roller shutter and a pull-out drawer, which is mounted on the loading platform, all gaps and spaces in the vehicle can be filled with storage boxes. This maximises the stowage space on the vehicle.
MOUNTING-EXAMPLES

Switzerland
MAN TGS 10x4 BL

Switzerland
Scania G450 10x5 BL

Germany
Scania R500 10x4 LL
Spain
VOLVO 10x4

USA
Westernstar 10x4

Israel
Scania R480 8x4 BB
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.