PK 200002 L SH

COPES WITH DELICATE INSTALLATION
JUST AS EASILY AS WITH HEAVY DUTIES
LIFETIME EXCELLENCE

PALFINGER LOADER CRANES ARE OUTSTANDING WITH 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.
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

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.
DPS PLUS
MORE EFFICIENT FLY JIB OPERATION

The Dual Power System allows multiple uses of the crane both for large outreaches as well as for heavy load operation.

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.

CABLE WINCH
ADDITIONAL POSSIBLE APPLICATIONS

The 4.5-tonne winch features high lifting power.

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.

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.

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.

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.

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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.
The outreaches stated are with a boom angle of 20° and are therefore not the maximum.
MORE LIFTING POWER
WHEN IT IS REALLY NEEDED

LIFTING CAPACITIES

<table>
<thead>
<tr>
<th>Max.</th>
<th>Capacity</th>
<th>Pressure</th>
<th>Haulover</th>
</tr>
</thead>
<tbody>
<tr>
<td>6,9 m</td>
<td>20300 kg / 199,1 kN</td>
<td>385 bar</td>
<td>44,700 lbs</td>
</tr>
<tr>
<td>8,9 m</td>
<td>15600 kg / 153,0 kN</td>
<td>385 bar</td>
<td>34,300 lbs</td>
</tr>
<tr>
<td>11,0 m</td>
<td>12400 kg / 121,6 kN</td>
<td>385 bar</td>
<td>27,400 lbs</td>
</tr>
<tr>
<td>13,2 m</td>
<td>10200 kg / 100,1 kN</td>
<td>385 bar</td>
<td>22,600 lbs</td>
</tr>
<tr>
<td>15,5 m</td>
<td>8700 kg / 85,3 kN</td>
<td>385 bar</td>
<td>19,200 lbs</td>
</tr>
</tbody>
</table>

TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/S1)

<table>
<thead>
<tr>
<th>Max. lifting moment</th>
<th>150,7 mt / 1478 kNm</th>
<th>1090030 ft.lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. lifting capacity</td>
<td>40000 kg / 392,4 kN</td>
<td>88200 lbs</td>
</tr>
<tr>
<td>Max. hydraulic outreach</td>
<td>25,6 m</td>
<td>83° 12’</td>
</tr>
<tr>
<td>Max. outreach (with fly-jib)</td>
<td>47,9 m</td>
<td>157° 3’</td>
</tr>
<tr>
<td>Slewing angle</td>
<td>endless</td>
<td></td>
</tr>
<tr>
<td>Slewing torque</td>
<td>12,5 mt / 122,6 kNm</td>
<td>90390 ft.lbs</td>
</tr>
<tr>
<td>Stabiliser spread</td>
<td>10,4 m</td>
<td>34° 1’</td>
</tr>
<tr>
<td>Max. operating pressure</td>
<td>385 bar</td>
<td>5583 psi</td>
</tr>
<tr>
<td>Recommended pump capacity</td>
<td>2 x 120 l/min</td>
<td>31,7 US gal./min</td>
</tr>
</tbody>
</table>
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Extension boom G(8) fully extended
MOUNTING-OPTIONS

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.

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 stabilizer 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.

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.

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.

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.

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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
The cranes shown in the leaflet may feature optional equipment and may, therefore, differ from the standard version. Country-specific regulations must be observed. Dimensions may vary.