LOADER CRANE
PK 200002 L SH

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ABOUT US

THE NEW PALCOM P7
P-FOLD
EVERYTHING UNDER CONTROL. THE NEW PALCOM P7

When PALFINGER combines its customers’ demands and all of the company’s expertise into a single product, the outcome can only be revolutionary: the new PALCOM P7, PALFINGER's first in-house development in the field of loader crane remote controls. Ergonomically designed and packed to the hilt with innovative control functions and safety features, this remote control system enables effortless, safe and easy operation.

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HOW TO FOLD A CRANE?
EITHER THE ORIGAMI WAY OR WITH P-FOLD.

Perfectly folded by fingertip control
The new assistance system P-Fold makes folding and unfolding an easy job for the crane operator. All movements of the crane are activated by only one control lever. This significantly increases operator comfort and prevents costly damage.

PALFINGER.COM
LOADER CRANE
PK 200002 L SH

SENSIBLE MONTAGEAUFGABEN UND SCHWERLASTEINSÄTZE SIND SEIN METIER

- 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
## TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/S1)

<table>
<thead>
<tr>
<th>Specification</th>
<th>Metric</th>
<th>Imperial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. lifting moment</td>
<td>150.7 mt</td>
<td>1090030 ft.lbs</td>
</tr>
<tr>
<td>Max. lifting capacity</td>
<td>40000 kg</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>
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</tr>
<tr>
<td>Slewing torque</td>
<td>12.5 mt</td>
<td>90390 ft.lbs</td>
</tr>
<tr>
<td>Stabiliser spread</td>
<td>10.4 m</td>
<td>34' 1''</td>
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<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>
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**TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/S1)**

- **Max. lifting moment:** 150.7 mt / 1478 kNm / 1090030 ft.lbs
- **Max. lifting capacity:** 40000 kg / 392.4 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
**MAXIMUM LIFTING MOMENT**

- **Max. lifting moment**: 150.7 mt / 1478 kNm (1090030 ft.lbs)

**MAXIMUM LIFTING CAPACITY**

- **Max. lifting capacity**: 40000 kg / 392.4 kN (88,200 lbs)

**MAXIMUM HYDRAULIC OUTREACH**

- **Max. hydraulic outreach**: 25.6 m (83' 12'')

**MAXIMUM OUTREACH (WITH FLY-JIB)**

- **Max. outreach**: 47.9 m (157' 3'')

**SLEWING ANGLE ENDLESS**

- **Slewing angle**: Endless

**SLEWING TORQUE**

- **Slewing torque**: 12.5 mt / 122.6 kNm (90390 ft.lbs)

**STABILIZER SPREAD**

- **Stabiliser spread**: 10.4 m (34' 1'')

**MAXIMUM OPERATING PRESSURE**

- **Max. operating pressure**: 385 bar (5583 psi)

**RECOMMENDED PUMP CAPACITY**

- **Recommended pump capacity**: 2 x 120 l/min (31.7 US gal./min)

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**TABLE OF LOAD CAPACITIES**

<table>
<thead>
<tr>
<th>Max.</th>
<th>Lifting Capacity</th>
<th>Moment</th>
<th>Operating Pressure</th>
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<tbody>
<tr>
<td>7.1 m</td>
<td>18900 kg / 185.4 kN</td>
<td>41,600 lbs</td>
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<tr>
<td>9.1 m</td>
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<td>31,600 lbs</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>
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<td>15.7 m</td>
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<td>18.1 m</td>
<td>6600 kg / 64.7 kN</td>
<td>14,400 lbs</td>
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<tr>
<td>20.4 m</td>
<td>5800 kg / 56.9 kN</td>
<td>12,700 lbs</td>
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TECHNICAL SPECIFICATIONS

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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
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<th>88,200 lbs</th>
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<tr>
<td>7.3 m / 24 ft</td>
<td>17700 kg / 173.6 kN</td>
<td>39,000 lbs</td>
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<td>9.3 m / 30 ft</td>
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<td>29,400 lbs</td>
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<td>11.4 m / 37 ft</td>
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<td>22,800 lbs</td>
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<td>13.6 m / 45 ft</td>
<td>8300 kg / 81.4 kN</td>
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<td>15.9 m / 52 ft</td>
<td>6800 kg / 66.7 kN</td>
<td>15,000 lbs</td>
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<td>18.3 m / 60 ft</td>
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<td>12,600 lbs</td>
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<td>20.6 m / 68 ft</td>
<td>5000 kg / 49.1 kN</td>
<td>10,900 lbs</td>
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<td>23.0 m / 76 ft</td>
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<td>9,600 lbs</td>
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<tr>
<td>25.4 m / 83 ft</td>
<td>3950 kg / 38.7 kN</td>
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MAXIMUM LIFTING DATA:

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The PK 200002 L SH is just as adept at mastering delicate assembly jobs as it is at working with heavy loads. One significant advantage is its excellent mobility thanks to the fact that it can be mounted on standard trucks. Its extremely rigid, lightweight boom system – the new P profile – gives it a hydraulic reach of almost 49 metres.
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SPECIAL FEATURES

- Extension Boom System
- Cable Winch
- Power Link Plus
- Continuous Slewling System
- PALCOM P7
- HPSC
- DPS-PLUS
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.
CABLE WINCH

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

→ MORE
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.
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.
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.
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.
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