LOADER CRANE
PK 78002 SH
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.

PALFINGER.COM
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
THE DPS PLUS FOR HIGH OUTREACH AS WELL AS FOR HEAVY DUTY OPERATION

- Maximum reliability due to PAL 150
- More efficiency with fly jib due to DPS Plus
- Increased operating times due to low-maintenance extension system
- Practical and attractive due to Functional Design
- Continuous slewing for increased efficiency and speed
### TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/B3)

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. lifting moment</td>
<td>74.7 mt/732.6 kNm</td>
<td>540290 ft.lbs</td>
</tr>
<tr>
<td>Max. lifting capacity</td>
<td>25000 kg/245.3 kN</td>
<td>55120 lbs</td>
</tr>
<tr>
<td>Max. hydraulic outreach</td>
<td>20.4 m</td>
<td>66' 11&quot;</td>
</tr>
<tr>
<td>Max. manual outreach</td>
<td>25.1 m</td>
<td>82' 4&quot;</td>
</tr>
<tr>
<td>Max. outreach (with fly-jib)</td>
<td>32.6 m</td>
<td>106' 11&quot;</td>
</tr>
<tr>
<td>Slewing angle</td>
<td>continuously variable</td>
<td></td>
</tr>
<tr>
<td>Slewing torque with 1 gear</td>
<td>4.5 mt/44.1 kNm</td>
<td>32560 ft.lbs</td>
</tr>
<tr>
<td>Slewing torque with 2 gears</td>
<td>7.0 mt/68.7 kNm</td>
<td>50640 ft.lbs</td>
</tr>
<tr>
<td>Stabiliser spread</td>
<td>8.6 m</td>
<td>28' 3&quot;</td>
</tr>
<tr>
<td>Fitting space required (std.)</td>
<td>min. 1.56 m/5' 1&quot;</td>
<td>max. 1.71 m/5' 7&quot;</td>
</tr>
<tr>
<td>Width folded</td>
<td>2.55 m</td>
<td>8' 4&quot;</td>
</tr>
<tr>
<td>Max. operating pressure</td>
<td>365 bar</td>
<td>5293 psi</td>
</tr>
<tr>
<td>Recommended pump capacity</td>
<td>from 100 l/min</td>
<td>26.4 US gal./min</td>
</tr>
<tr>
<td></td>
<td>to 120 l/min</td>
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<tr>
<td>Dead weight (std.)</td>
<td>5908 kg</td>
<td>13020 lbs</td>
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</tbody>
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Max. lifting moment: 74.7 mt / 732.6 kNm (540,290 ft.lbs)
Max. lifting capacity: 25000 kg / 245.3 kN (55,120 lbs)
Max. hydraulic outreach: 20.4 m (66' 11")
Max. manual outreach: 25.1 m (82' 4")
Max. outreach (with fly-jib): 32.6 m (106' 11")
Slewing angle: continuously variable
Slewing torque with 1 gear: 4.5 mt / 44.1 kNm (32,560 ft.lbs)
Slewing torque with 2 gears: 7.0 mt / 68.7 kNm (50,640 ft.lbs)
Stabiliser spread: 8.6 m (28' 3")
Fitting space required (std.): min. 1.56 m (5' 1") max. 1.71 m (5' 7")
Width folded: 2.55 m (8' 4")
Max. operating pressure: 365 bar (5,293 psi)
Recommended pump capacity: from 100 l/min (26.4 US gal./min) to 120 l/min (31.7 US gal./min)
Dead weight (std.): 5,908 kg (13,020 lbs)

### Possible Uses

| 4.2 m | 13' 9" | 16,600 kg | 36,600 lbs |
| 5.8 m | 19' 0" | 11,800 kg | 26,000 lbs |
| 7.6 m | 24' 11" | 8,900 kg | 19,600 lbs |
| 9.5 m | 31' 2" | 7,000 kg | 15,500 lbs |
| 11.5 m | 37' 9" | 5,700 kg | 12,600 lbs |
| 13.6 m | 44' 7" | 4,850 kg | 10,600 lbs |
**TECHNICAL SPECIFICATIONS**

**LOADER CRANE**

**PK 78002 SH**

**TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/B3)**

**GENERAL**

- **max.** 20500 kg 45200 lbs
- 4.4 m 14' 5"  15400 kg 33800 lbs
- 6.1 m 20' 0"  10800 kg 23900 lbs
- 7.8 m 25' 7"  8100 kg 17800 lbs
- 9.7 m 31' 10"  6300 kg 13800 lbs
- 11.7 m 38' 5"  5000 kg 11000 lbs
- 13.8 m 45' 3"  4150 kg 9100 lbs
- 15.9 m 52' 2"  3500 kg 7700 lbs
- 18.1 m 59' 5"  3050 kg 6700 lbs
- 20.3 m 66' 7"  2700 kg 6000 lbs
- 22.6 m* 74' 2"  1900 kg 4200 lbs
- 24.9 m* 81' 8"  1200 kg 2650 lbs

**Recommended pump capacity from 100 l/min  26.4 US gal./min**

**Max. operating pressure 365 bar 5293 psi**

**Width folded 2.55 m 8' 4"**

**Fitting space required (std.) min. 1.56 m/5' 1" max. 1.71 m/5' 7"**

**Stabiliser spread 8.6 m  28' 3"**

**Slewing torque with 2 gears 7.0 mt / 68.7 kNm 50640 ft.lbs**

**Slewing angle continuously variable**

**Slewing torque with 1 gear 4.5 mt / 44.1 kNm 32560 ft.lbs**

**Max. outreach (with fly-jib) 32.6 m 106' 11"**

**Max. manual outreach 25.1 m 82' 4"**

**Max. hydraulic outreach 20.4 m 66' 11"**

**Dead weight (std.) 5908 kg 13020 lbs**

**Max. lifting capacity 25000 kg / 245.3 kN 55120 lbs**

**Max. lifting moment 74.7 mt / 732.6 kNm 540290 ft.lbs**

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**POSSIBLE USES**

**OVERVIEW**

**SPECIAL FEATURES**

**VIDEO**

**ABOUT US**
LOADER CRANE
PK 78002 SH

TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/B3)

OVERVIEW

SPECIAL FEATURES

ABOUT US

POSSIBLE USES

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to 120 l/min 31.7 US gal./min
### Technical Specifications (EN 12999 HC1 HD5/B3)

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**Overview**

**Loader Crane**

PK 78002 SH

**F PJ125E JV1 DPS PLUS**

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**General**

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<td>0°</td>
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<td>5°</td>
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<tr>
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**Linkage**

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**Jib**

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**NOTE:**

- All values are approximate and may vary depending on specific operating conditions.
- The diagrams provide a visual representation of the crane's performance at various angles and loads.
- For detailed specifications and operating instructions, please refer to the manufacturer's manual.
OVERVIEW

POSSIBLE USES
LOADER CRANE
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SPECIAL FEATURES

LOW-MAINTENANCE EXTENSION SYSTEM

POWER LINK PLUS

SOFT STOP

CONTINUOUS SLEWING SYSTEM
LOW-MAINTENANCE EXTENSION SYSTEM

Reduces service time

With sliding elements made of synthetic material and the high-quality KTL coating, this boom system significantly simplifies service performed by the operator. This saves time and money – and protects the environment.
High variety of uses

With the 15-degree reverse linkage system, you can reach through low door openings and also work inside buildings. Heavy crane work – even in difficult conditions.
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
More 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.
S-HPLS

More lifting power when it is really needed
S-HPLS is one of the most important functions of the PALTRONIC 150. It is a fully automatic system for increasing the lifting power. Depending on the need, there is continuous adaptation of the lifting power and speed of the crane.
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