LOADER CRANE
PK 34002 SH

THE NEW PALCOM P7
MORE COMFORT WITH SRC
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
ROPE WINCH OPERATION

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

PALFINGER.COM
FUNCTIONAL DESIGN AND THE LATEST CONTROL TECHNOLOGY SET STANDARDS IN OPERATOR FRIENDLINESS AND COMFORT

- More lifting power due to S-HPLS
- Additional applications due to Power Link Plus
- More efficient and faster through continuous slewing system
- Increased operating times due to low-maintenance extension system
- Higher payloads due to intelligent lightweight design
## TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/B3)

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
<th>Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. lifting moment</td>
<td>32.6 mt/320.0 kNm</td>
<td>236000 ft.lbs</td>
</tr>
<tr>
<td>Max. lifting capacity</td>
<td>10000 kg/98.1 kN</td>
<td>22050 lbs</td>
</tr>
<tr>
<td>Max. hydraulic outreach</td>
<td>21.3 m</td>
<td>69' 11&quot;</td>
</tr>
<tr>
<td>Max. manual outreach</td>
<td>23.3 m</td>
<td>76' 5&quot;</td>
</tr>
<tr>
<td>Max. outreach (with fly-jib)</td>
<td>29.4 m</td>
<td>96' 5&quot;</td>
</tr>
<tr>
<td>Slewing angle</td>
<td>endless</td>
<td></td>
</tr>
<tr>
<td>Slewing torque with 1 gear</td>
<td>3.3 mt/32.4 kNm</td>
<td>23880 ft.lbs</td>
</tr>
<tr>
<td>Slewing torque with 2 gears</td>
<td>4.0 mt/39.2 kNm</td>
<td>28940 ft.lbs</td>
</tr>
<tr>
<td>Stabiliser spread (std./max.)</td>
<td>5.6 m/18' 4&quot;</td>
<td>7.4 m/24' 3&quot;</td>
</tr>
<tr>
<td>Fitting space required (std.)</td>
<td>1.01 m</td>
<td>3' 4&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 90 l/min to 120 l/min</td>
<td>23.8 US gal./min to 31.7 US gal./min</td>
</tr>
<tr>
<td>Dead weight (std.)</td>
<td>2931 kg</td>
<td>6460 lbs</td>
</tr>
</tbody>
</table>
**LOADER CRANE**

**PK 34002 SH**

**TECHNICAL SPECIFICATIONS**

### GENERAL

**Model**

PK 34002–SH

**Type**

DTS407SHD/04

### OVERVIEW

**Modell**

PK 34002–S H

**Seite**

0m 2m 4m 6m 8m 10m 12m 14m 16m 18m 20m 22m 24m

**Kapitel**

PK 34002–SH D PJ 080 C JV2 DPS+

**Edition**

05/2010

**Représentation symbolique de la grue, indication avec angle de premier bras 20° et extensions an position horizontale**

**Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position**

**Konstruktionsänderungen vorbehalten, fertigungstechn. Toleranzen müssen berücksichtigt werden.**

**Les charges admissibles du diagramme ci–apres se reduisent du poids de la rallonge manuelle utilisee.**

**Die Tragkräfte laut Diagramm verringern sich bei Verwendung von mechanischen Verlängerungen um deren Eigengewicht.**

**Zulässige Traglasten für Seilwinde siehe Datenblatt DTKBW0000–04.0100**

**For Rope winch load capacity refer to page DTKBW0000–04.0100**

**Classification: HC1 HD5/B3 in EN12999**

**Einstufung: HC1 HD5/B3 nach EN12999**

### SPECIAL FEATURES

**Lifting capacity diagram**

<table>
<thead>
<tr>
<th>Distance (m)</th>
<th>Lifting Capacity (kg)</th>
<th>Lifting Capacity (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.4</td>
<td>6700</td>
<td>14800</td>
</tr>
<tr>
<td>6.3</td>
<td>4450</td>
<td>9800</td>
</tr>
<tr>
<td>8.2</td>
<td>3250</td>
<td>7100</td>
</tr>
<tr>
<td>10.3</td>
<td>2450</td>
<td>5400</td>
</tr>
<tr>
<td>12.4</td>
<td>1960</td>
<td>4350</td>
</tr>
<tr>
<td>14.5</td>
<td>1640</td>
<td>3650</td>
</tr>
<tr>
<td>16.7</td>
<td>1420</td>
<td>3150</td>
</tr>
<tr>
<td>18.8</td>
<td>1200</td>
<td>2700</td>
</tr>
<tr>
<td>21.0</td>
<td>1000</td>
<td>2200</td>
</tr>
</tbody>
</table>

**Max. lifting moment 32.6 mt /320.0 kNm 236000 ft.lbs**

**Max. outreach (with fly-jib) 29.4 m 96' 5"**

**Max. manual outreach 23.3 m 76' 5"**

**Max. lifting moment 32.6 mt /320.0 kNm 236000 ft.lbs**

**Slewing torque with 2 gears 4.0 mt /39.2 kNm 28940 ft.lbs**

**Slewing angle endless**

**Fitting space required (std.) 1.01 m 3' 4"**

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

**Dead weight (std.) 2931 kg 6460 lbs**

**to 120 l/min 31.7 US gal./min**

**4.4 m 14' 5"  6700 kg 14800 lbs**

**6.3 m 20' 8"  4450 kg 9800 lbs**

**8.2 m 26' 11"  3250 kg 7100 lbs**

**10.3 m 33' 10"  2450 kg 5400 lbs**

**12.4 m 40' 8"  1960 kg 4350 lbs**

**14.5 m 47' 7"  1640 kg 3650 lbs**

**16.7 m 54' 9"  1420 kg 3150 lbs**

**18.8 m* 61' 8"  1200 kg 2700 lbs**

**21.0 m* 68' 11"  1000 kg 2200 lbs**
LOADER CRANE
PK 34002 SH

Symmetrical crane figure, indications at 20° main boom position & load arm in horizontal position

Charges autorisées pour le treuil, voir "DTKBW0000–04.0100"
Zulässige Traglasten für Seilwinde siehe Datenblatt DTKBW0000–04.0100

Max. operating pressure: 365 bar / 5293 psi
Slewing torque with 2 gears: 4.0 mt / 39.2 kNm / 28940 ft.lbs
Slewing torque with 1 gear: 3.3 mt / 32.4 kNm / 23880 ft.lbs
Max. lifting moment: 32.6 mt / 320.0 kNm / 236000 ft.lbs
Max. outreach (with fly-jib): 29.4 m / 96' 5"

Classement: HC1 HD5/B3 en mesure EN12999
Einstufung: HC1 HD5/B3 nach EN12999
LOAD CRANE
PK 34002 SH

POSSIBLE USES
POSSIBLE USES
POSSIBLE USES
Loader Crane
PK 34002 SH

Special Features:
- Low-maintenance extension system
- Power Link Plus
- Power Link Cable Winch
- Continuous Slewling System

Home
Overview
Special Features
Video
About Us
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.
POWER LINK PLUS

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.

MORE
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 CABLE WINCH

More comfort in cable winch operation
Characterised by low installation height, it is ideal for working inside buildings and transports with the crane boom unfolded. The Comfort Cable Routing reduces set-up times to a minimum.
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.
Loader Crane
PK 34002 SH

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