LIGHTWEIGHT DESIGN MEETS HIGH-TECH CONTROL SYSTEMS

- Gross vehicle weight of less than 32ton - fully equipped
- High mobility due to the mounting on standard truck chassis
- Very stiff and light boom system thanks to P-Profile
- Hydraulic lifting height with fly-jib of approximately 40 metres
- Additional applications with Power Link Plus
- More efficiency with fly-jib due to DPS Plus and DPS-C
- Maximum utilisation of the working range thanks to extended HPSC
- Increased comfort and safety due to Soft Stop
**TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/S1)**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value 1</th>
<th>Value 2</th>
<th>Value 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. lifting moment</td>
<td>124.8 mt 1224.3 kNm</td>
<td>903020 ft.lb</td>
<td></td>
</tr>
<tr>
<td>Max. lifting capacity</td>
<td>32000 kg 313.9 kN</td>
<td>70600 lb</td>
<td></td>
</tr>
<tr>
<td>Max. hydraulic outreach</td>
<td>21.0 m</td>
<td>68' 10&quot;</td>
<td></td>
</tr>
<tr>
<td>Max. outreach (with fly-jib)</td>
<td>36.1 m</td>
<td>118' 4&quot;</td>
<td></td>
</tr>
<tr>
<td>Slewing angle</td>
<td>continuous</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slewing torque</td>
<td>12.0 mt 117.8 kNm</td>
<td>86880 ft.lb</td>
<td></td>
</tr>
<tr>
<td>Stabiliser spread</td>
<td>10.0 m</td>
<td>32' 10&quot;</td>
<td></td>
</tr>
<tr>
<td>Width folded</td>
<td>2.55 m</td>
<td>8' 4&quot;</td>
<td></td>
</tr>
<tr>
<td>Max. operating pressure</td>
<td>385 bar</td>
<td>5584 psi</td>
<td></td>
</tr>
<tr>
<td>Recommended pump capacity</td>
<td>2 x 120 l/min</td>
<td>31.7 US gpm</td>
<td></td>
</tr>
<tr>
<td>Dead weight: (HYA C R4X)</td>
<td>11610 kg</td>
<td>25600 lb</td>
<td></td>
</tr>
</tbody>
</table>
LOADER CRANE
PK 165.002 TEC 7

GENERAL TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/S1)

Max. lifting moment 124.8 mt/1224.3 kNm 903020 ft.lb
Max. lifting capacity 32000 kg/313.9 kN 70600 lb
Max. hydraulic outreach 21.0 m 68' 10''
Max. outreach (with fly-jib) 36.1 m 118' 4''
Slewing angle continuous
Slewing torque 12.0 mt/117.8 kNm 86880 ft.lb
Stabiliser spread 10.0 m 32' 10''
Width folded 2.55 m 8' 4''
Max. operating pressure 385 bar 5584 psi
Recommended pump capacity 2 x 120 l/min 31.7 US gpm
Dead weight: (HYA C R4X) 11610 kg 25600 lb
TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/S1)

- Max. lifting moment: 124.8 mt/1224.3 kNm (903020 ft.lb)
- Max. lifting capacity: 32000 kg/313.9 kN (70600 lb)
- Max. hydraulic outreach: 21.0 m (68' 10'')
- Max. outreach (with fly-jib): 36.1 m (118' 4'')
- Slewing angle continuous
- Slewing torque: 12.0 mt/117.8 kNm (86880 ft.lb)
- Stabiliser spread: 10.0 m (32' 10'')
- Width folded: 2.55 m (8' 4'')
- Max. operating pressure: 385 bar (5584 psi)
- Recommended pump capacity: 2 x 120 l/min (31.7 US gpm)
- Dead weight: (HYA C R4X) 11610 kg (25600 lb)
TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/S1)

Max. lifting moment: 124.8 mt/1224.3 kNm (903020 ft.lb)

Max. lifting capacity: 32000 kg/313.9 kN (70600 lb)

Max. hydraulic outreach: 21.0 m (68' 10'')

Max. outreach (with fly-jib): 36.1 m (118' 4'')

Slewing angle: continuous

Slewing torque: 12.0 mt/117.8 kNm (86880 ft.lb)

Stabiliser spread: 10.0 m (32' 10'')

Width folded: 2.55 m (8' 4'')

Max. operating pressure: 385 bar (5584 psi)

Recommended pump capacity: 2 x 120 l/min (31.7 US gpm)

Dead weight: (HYA C R4X) 11610 kg (25600 lb)
TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/S1)

Max. lifting moment 124.8 mt/1224.3 kNm 903020 ft.lb
Max. lifting capacity 32000 kg/313.9 kN 70600 lb
Max. hydraulic outreach 21.0 m 68' 10"
Max. outreach (with fly-jib) 36.1 m 118' 4"
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Slewing torque 12.0 mt/117.8 kNm 86880 ft.lb
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Max. operating pressure 385 bar 5584 psi
Recommended pump capacity 2 x 120 l/min 31.7 US gpm
Dead weight: (HYA C R4X) 11610 kg 25600 lb
**Loader Crane**
PK 165.002 TEC 7

**Technical Specifications (EN 12999 HC1 HD5/S1)**

- Max. Lifting Moment: 124.8 mt/1224.3 kNm (903020 ft.lb)
- Max. Lifting Capacity: 32000 kg/313.9 kN (70600 lb)
- Max. Hydraulic Outreach: 21.0 m (68' 10'')
- Max. Outreach (with fly-jib): 36.1 m (118' 4'')
- Slewing Angle: Continuous
- Slewing Torque: 12.0 mt/117.8 kNm (86880 ft.lb)
- Stabiliser Spread: 10.0 m (32' 10'')
- Width Folded: 2.55 m (8' 4'')
- Max. Operating Pressure: 385 bar (5584 psi)
- Recommended Pump Capacity: 2 x 120 l/min (31.7 US gpm)
- Dead Weight: (HYA C R4X) 11610 kg (25600 lb)

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**POSSIBLE USES**

- PJ 240 DPS PLUS
- PJ 240 DPS-C
- PJ 300L DPS-C
PJ 240 DPS PLUS

**Max. lifting moment** 124.8 mt/1224.3 kNm 903020 ft.lb

**Max. lifting capacity** 32000 kg/313.9 kN 70600 lb

**Max. hydraulic outreach** 21.0 m 68' 10''

**Max. outreach (with fly-jib)** 36.1 m 118' 4''

**Slewing angle continuous**

**Slewing torque** 12.0 mt/117.8 kNm 86880 ft.lb

**Stabiliser spread** 10.0 m 32' 10''

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

**Max. operating pressure** 385 bar 5584 psi

**Recommended pump capacity** 2 x 120 l/min 31.7 US gpm

**Dead weight:** (HYA C R4X) 11610 kg 25600 lb
**PJ 240 DPS-C**

- **max. 5700 kg**
- **PJ max. 11500 kg**

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**Technical Specifications (EN 12999 HC1 HD5/S1)**

- **Max. lifting moment**: 124.8 mt/1224.3 kNm (903020 ft.lb)
- **Max. lifting capacity**: 32000 kg/313.9 kN (70600 lb)
- **Max. hydraulic outreach**: 21.0 m (68' 10'')
- **Max. outreach (with fly-jib)**: 36.1 m (118' 4'')
- **Slewing angle continuous**
- **Slewing torque**: 12.0 mt/117.8 kNm (86880 ft.lb)
- **Stabiliser spread**: 10.0 m (32' 10'')
- **Width folded**: 2.55 m (8' 4'')
- **Max. operating pressure**: 385 bar (5584 psi)
- **Recommended pump capacity**: 2 x 120 l/min (31.7 US gpm)
- **Dead weight**: (HYA C R4X) 11610 kg (25600 lb)
LOADER CRANE
PK 165.002 TEC 7

TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/S1)

- Max. lifting moment: 124.8 mt/1224.3 kNm (3100 ft.lb)
- Max. lifting capacity: 32000 kg/313.9 kN (70600 lb)
- Max. hydraulic outreach: 21.0 m (68' 10'')
- Max. outreach (with fly-jib): 36.1 m (118' 4'')
- Slewing angle: continuous
- Slewing torque: 12.0 mt/117.8 kNm (86880 ft.lb)
- Stabiliser spread: 10.0 m (32' 10'')
- Width folded: 2.55 m (8' 4'')
- Max. operating pressure: 385 bar (5584 psi)
- Recommended pump capacity: 2 x 120 l/min (31.7 US gpm)
- Dead weight: (HYA C R4X) 11610 kg (25600 lb)

PJ 300L DPS-C
LOADER CRANE
PK 165.002 TEC 7

OVERVIEW
LOADER CRANE
PK 165.002 TEC 7

OVERVIEW

POSSIBLE USES
POSSIBLE USES

OVERVIEW

SPECIAL FEATURES

VIDEO

ABOUT US
LOADER CRANE
PK 165.002 TEC 7

SPECIAL FEATURES

- EXTENSION BOOM SYSTEM
- POWER LINK CABLE WINCH
- DPS-PLUS
- SOFT STOP FUNCTION
- POWER LINK PLUS
- S-HPLS
- PALCOM P7
- CONTINUOUS SLEWING SYSTEM
- HPSC

* Optional features / country-specific equipment
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.
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.
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 lifting power when it counts

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