PK 23502 / 26002 EH

THE E-HPLS AND THE ENORMOUS REACH OPENS UP A WIDE RANGE OF APPLICATIONS
LIFETIME EXCELLENCE

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 VALUE RETENTION
- HIGHER AVAILABILITY
- HIGHER SERVICEABILITY
- BETTER ECOLOGY
- MORE RELIABILITY

For further information please visit: www.palfinger.com/thebrand
PERFECT IN COMFORT AND SAFETY
More efficiency with fly jib due to DPS Plus

Perfect appearance and the highest value retention thanks to KTL

Additional applications with Power Link Plus

Increased operating times due to low-maintenance extension system

High operator friendliness thanks to optional radio remote control
FIRST-RATE IN DESIGN AND PERFORMANCE

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.

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 SPEED EXTENSION
FOR EFFICIENT ASSIGNMENTS
The High Speed Extension speeds up the extension boom system. Crane works faster and more efficiently.

HPSC
MAXIMUM UTILISATION OF THE WORKING RANGE
The variable stabiliser positioning of the High Performance Stability Control System makes it possible to utilise the lifting capacity to the maximum. It enables working within tight spaces.

PAL 50
COMFORT AND SAFETY
The PALTRONIC 50, PALFINGER offers the latest control electronics for the series production crane. The custom designed electronic operates and monitors the crane and offers more efficiency in use and safety.

CONTROL CONSOLE
ALL INFORMATION AT A GLANCE
All important information about the crane can be seen on the main control stand. A digital indicator counts and displays the operating hours. Ergonomic control levers and the optional lighting package provide increased safety and comfort even in poor visibility conditions.
**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 minimised. This increases the resale value.

**KTL – CATHODIC DIP PAINTING**

FOR RETAINING HIGH VALUE

The UV-resistant coating guarantees long-term surface protection. Perfect appearance during the entire lifetime for maximum resale value.

**FUNCTIONAL DESIGN**

PRACTICAL AND ATTRACTIVE

Robust plastic covers protect crane parts against dirt and damage. Better appearance and increased operational comfort — during the entire lifetime.

**RADIO REMOTE CONTROL**

DIALOGUE WITH THE OPERATOR

PALFINGER radio remote controls are equipped with linear lever or cross lever and provide the greatest possible comfort for the operator. All EH models with LED-Display inform the crane operator about the different operating conditions.

**HOSE EQUIPMENT FOR ATTACHMENTS**

VERSATILE AND USER-FRIENDLY

The hose equipment offers an easy means of connecting auxiliary equipment. The hose equipment is guided in hose trays for protection.

**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 minimised. This increases the resale value.

**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.

*Optional features / country-specific equipment
The outreaches stated are with a boom angle of 20° and are therefore not the maximum.
CUSTOMIZED FOR OPTIMIZED MOUNTING

LIFTING CAPACITIES

A
max. 8500 kg 83.4 kN
4.1 m 13‘5” 5300 kg 11700 lbs
6.0 m 19‘8” 3600 kg 7900 lbs
7.9 m 25‘11” 2750 kg 6000 lbs
B
max. 8300 kg 81.4 kN
4.2 m 13‘9” 5100 kg 11200 lbs
6.1 m 20‘0” 3400 kg 7500 lbs
8.0 m 26‘3” 2550 kg 5600 lbs
10.1 m 33‘2” 2000 kg 4400 lbs
C
max. 8050 kg 79.0 kN
4.2 m 13‘9” 4900 kg 10800 lbs
6.1 m 20‘0” 3200 kg 7100 lbs
8.0 m 26‘3” 2350 kg 5200 lbs
10.1 m 33‘2” 1820 kg 4050 lbs
12.2 m 40‘0” 1500 kg 3300 lbs
14.4 m* 47‘3” 1200 kg 2650 lbs
16.6 m* 54‘6” 960 kg 2120 lbs
D
max. 7850 kg 77.0 kN
4.3 m 14‘1” 4650 kg 10300 lbs
6.2 m 20‘4” 3050 kg 6700 lbs
8.1 m 26‘7” 2200 kg 4850 lbs
10.2 m 33‘6” 1660 kg 3650 lbs
12.3 m 40‘4” 1320 kg 2950 lbs
14.4 m 47‘3” 1120 kg 2450 lbs
16.7 m* 54‘9” 890 kg 1960 lbs
18.8 m* 61‘8” 730 kg 1600 lbs
E
max. 6700 kg 65.7 kN
4.4 m 14‘5” 4500 kg 9900 lbs
6.3 m 20‘8” 2900 kg 6400 lbs
8.2 m 26‘11” 2050 kg 4500 lbs
10.3 m 33‘10” 1520 kg 3350 lbs
12.4 m 40‘8” 1180 kg 2600 lbs
14.5 m 47‘7” 980 kg 2150 lbs
16.7 m 54‘9” 840 kg 1860 lbs
18.8 m* 61‘8” 680 kg 1500 lbs
21.0 m* 68‘11” 570 kg 1260 lbs
F
max. 6600 kg 64.7 kN
4.5 m 14‘9” 4300 kg 9500 lbs
6.4 m 20‘12” 2750 kg 6100 lbs
8.3 m 26‘3” 1920 kg 4250 lbs
10.4 m 34‘1” 1400 kg 3100 lbs
12.5 m 41‘0” 1080 kg 2400 lbs
14.6 m 47‘11” 870 kg 1920 lbs
16.7 m 54‘9” 730 kg 1620 lbs
18.9 m 62‘0” 640 kg 1400 lbs
21.1 m* 69‘3” 530 kg 1170 lbs
23.1 m* 75‘9” 450 kg 990 lbs
G
max. 6500 kg 63.8 kN
4.6 m 15‘1” 4150 kg 9200 lbs
6.5 m 21‘4” 2650 kg 5800 lbs
8.4 m 27‘7” 1820 kg 4000 lbs
10.5 m 34‘5” 1300 kg 2850 lbs
12.6 m 41‘4” 970 kg 2150 lbs
14.7 m 48‘3” 760 kg 1680 lbs
16.8 m 55‘1” 630 kg 1380 lbs
19.0 m 62‘4” 530 kg 1180 lbs
21.1 m 69‘3” 470 kg 1040 lbs
23.1 m* 75‘9” 400 kg 880 lbs

*mechanical extension
PERFECT
DIMENSIONS

EXTENSION BOOM VARIATIONS

DIMENSIONS
## TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD4/B3)

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
<th>Conversion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. lifting moment</td>
<td>22.4 mt/219.7 kNm</td>
<td>162030 ft.lbs</td>
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<tr>
<td>Max. lifting capacity</td>
<td>8500 kg/83.4 kN</td>
<td>18740 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>
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<tr>
<td>Slewing angle</td>
<td>400°</td>
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</tr>
<tr>
<td>Slewing torque</td>
<td>2.8 mt/27.5 kNm</td>
<td>20260 ft.lbs</td>
</tr>
<tr>
<td>Stabiliser spread (std./max.)</td>
<td>5.0 m / 7.4 m</td>
<td>16' 5&quot; / 24' 3&quot;</td>
</tr>
<tr>
<td>Fitting space required (std.)</td>
<td>0.96 m</td>
<td>3' 2&quot;</td>
</tr>
<tr>
<td>Width folded</td>
<td>2.53 m</td>
<td>8' 3&quot;</td>
</tr>
<tr>
<td>Max. operating pressure</td>
<td>320 bar</td>
<td>4640 psi</td>
</tr>
<tr>
<td>Recommended pump capacity</td>
<td>from 50 l/min to 70 l/min</td>
<td>from 13.2 US gal./min to 19.8 US gal./min</td>
</tr>
<tr>
<td>Dead weight (std.)</td>
<td>2583 kg</td>
<td>5690 lbs</td>
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</tbody>
</table>
The outreaches stated are with a boom angle of 20° and are therefore not the maximum.
PERFECT DIMENSIONS

EXTENSION BOOM VARIATIONS

DIMENSIONS
**TECHNICAL SPECIFICATIONS** (EN 12999 HC1 HD4/B3)

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Max. lifting moment</td>
<td>24.9 mt/244.0 kNm</td>
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<tr>
<td>Max. lifting capacity</td>
<td>8900 kg/87.3 kN</td>
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<tr>
<td>Max. hydraulic outreach</td>
<td>21.3 m</td>
</tr>
<tr>
<td>Max. manual outreach</td>
<td>23.3 m</td>
</tr>
<tr>
<td>Max. outreach (with fly-jib)</td>
<td>29.4 m</td>
</tr>
<tr>
<td>Slewing angle</td>
<td>400°</td>
</tr>
<tr>
<td>Slewing torque</td>
<td>2.8 mt/27.5 kNm</td>
</tr>
<tr>
<td>Stabiliser spread (std./max.)</td>
<td>5.0 m / 7.4 m</td>
</tr>
<tr>
<td>Fitting space required (std.)</td>
<td>0.96 m</td>
</tr>
<tr>
<td>Width folded</td>
<td>2.53 m</td>
</tr>
<tr>
<td>Max. operating pressure</td>
<td>350 bar</td>
</tr>
<tr>
<td>Recommended pump capacity</td>
<td>from 75 l/min to 100 l/min</td>
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<tr>
<td>Dead weight (std.)</td>
<td>2583 kg</td>
</tr>
</tbody>
</table>

**PACKAGE MODEL**

- E-HPLS
- Paltronic 50
- Radio remote control with LED display
- Danfoss control valve or PVG2000
- 8.5 kW oil cooler
- 200 l oil tank
Cranes shown in the leaflet are partially optional equipped and do not always correspond to the standard version. Country-specific regulations must be observed. Dimensions may vary. Subject to technical changes, errors and translation mistakes.