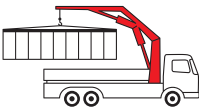




# PK 30002 / PK 33002 - EH

High Performance

**PALFINGER** CRANE



**KTU**  
protected

**Paltronic  
50**  
controlled

**RRC**  
Radio Remote Control  
operated

**HPSC**  
High Performance Stability Control  
monitored

**AOS**  
Active Oscillation Suppression  
inside

**DPS<sup>plus</sup>**  
Dual Power System  
activated

Two professionals for professionals



## Reliable in any situation

Flexible range of applications and excellent operating efficiency. Equipped with Power Link Plus, both the PK 30002 and PK 33002 EH show that they can not only tackle but also solve difficult tasks. Even in extremely tight spaces. The proven E-HPLS technology combines power, comfort and safety. Make its diligence your strength!



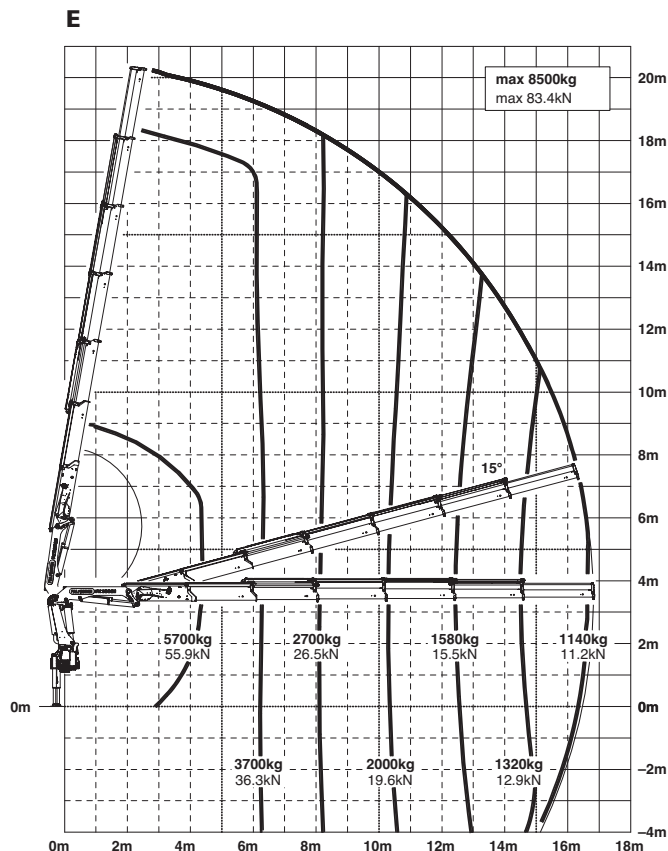
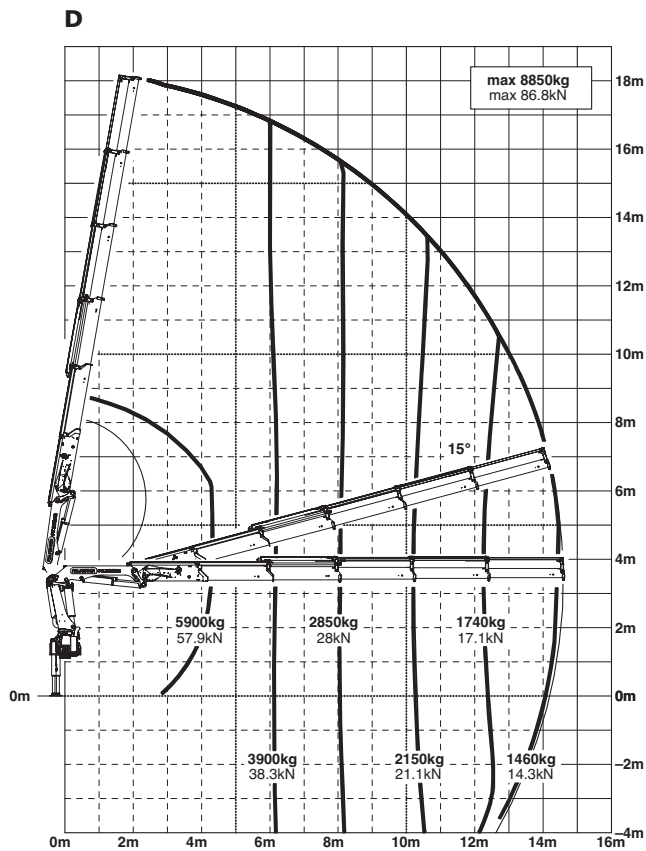
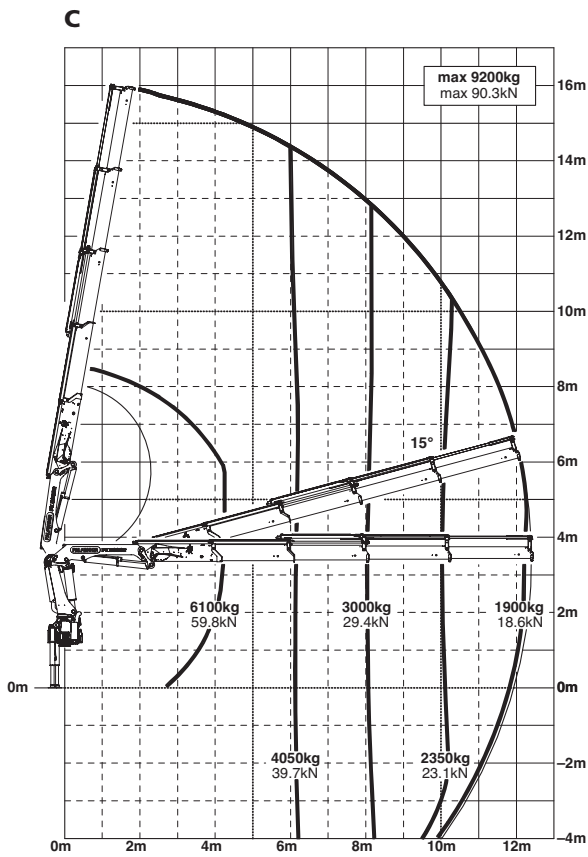
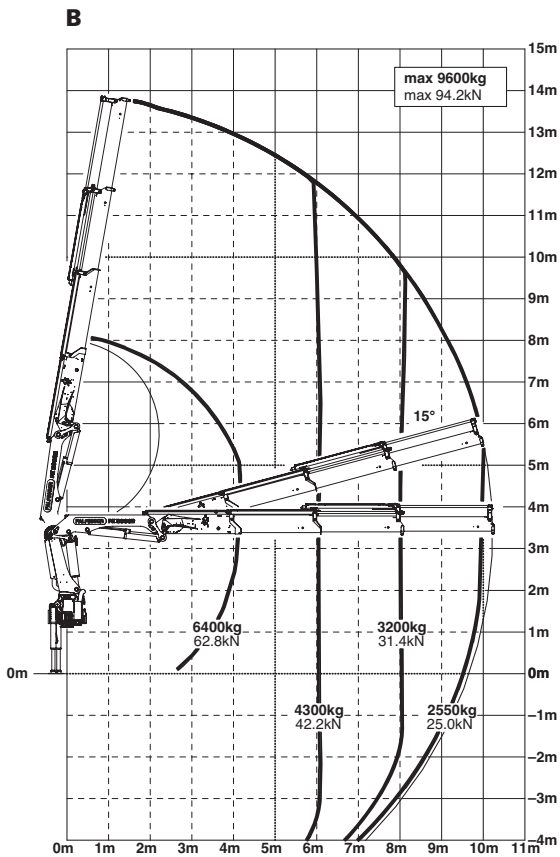


Wide range of applications





PK 30002 High Performance



The outreaches stated are with a boom angle of 20° and are therefore not the maximum.



PK 30002 High Performance

Max. lifting capacities

| A                       |         |          |           |
|-------------------------|---------|----------|-----------|
| Max. lifting capacities |         | 10000 kg | 22040 lbs |
| Outreach                |         | Capacity |           |
| 4,1 m                   | 13' 5"  | 6700 kg  | 14700 lbs |
| 6,0 m                   | 19' 8"  | 4500 kg  | 10000 lbs |
| 7,9 m                   | 25' 11" | 3450 kg  | 7600 lbs  |

| B                       |        |          |           |
|-------------------------|--------|----------|-----------|
| Max. lifting capacities |        | 9600 kg  | 21160 lbs |
| Outreach                |        | Capacity |           |
| 4,2 m                   | 13' 9" | 6400 kg  | 14100 lbs |
| 6,1 m                   | 20' 0" | 4300 kg  | 9500 lbs  |
| 8,0 m                   | 26' 3" | 3200 kg  | 7100 lbs  |
| 10,1 m                  | 33' 2" | 2550 kg  | 5600 lbs  |

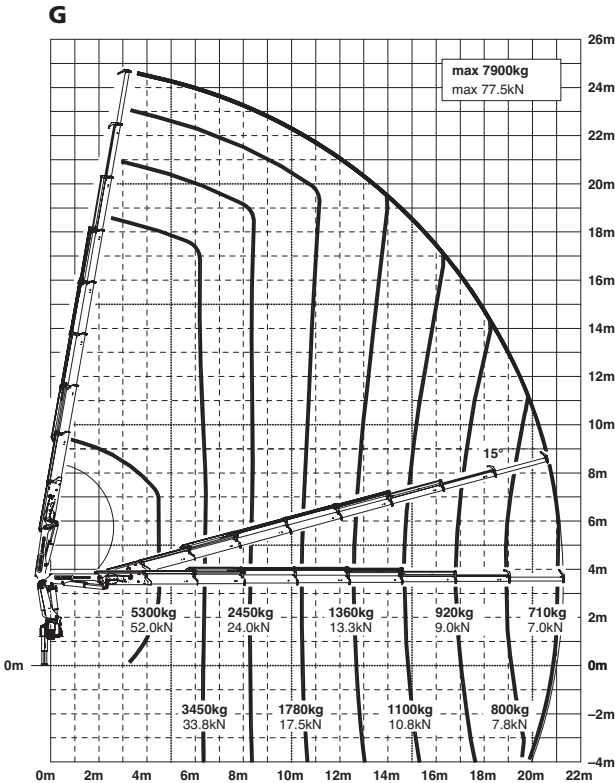
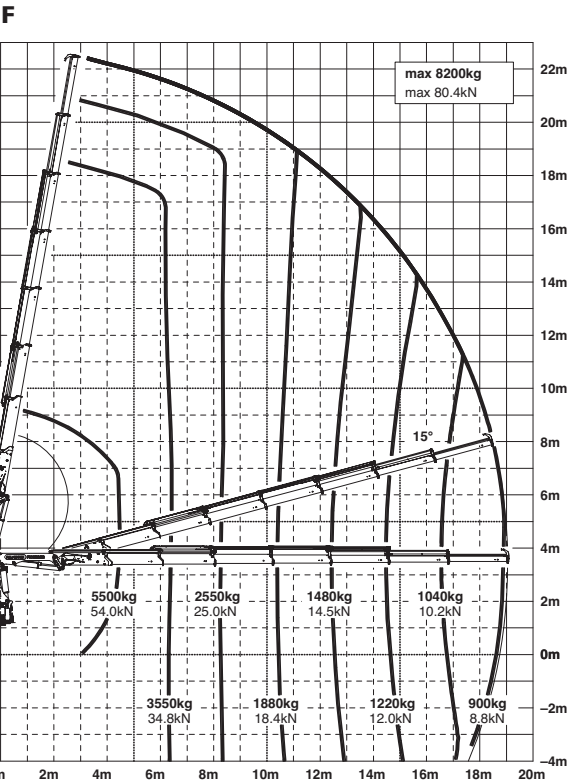
| C                       |        |          |           |
|-------------------------|--------|----------|-----------|
| Max. lifting capacities |        | 9200 kg  | 20280 lbs |
| Outreach                |        | Capacity |           |
| 4,2 m                   | 13' 9" | 6100 kg  | 13500 lbs |
| 6,1 m                   | 20' 0" | 4050 kg  | 9000 lbs  |
| 8,0 m                   | 26' 3" | 3000 kg  | 6600 lbs  |
| 10,1 m                  | 33' 2" | 2350 kg  | 5100 lbs  |
| 12,2 m                  | 40' 0" | 1900 kg  | 4200 lbs  |
| 14,4 m*                 | 47' 3" | 1540 kg  | 3400 lbs  |
| 16,6 m*                 | 54' 6" | 1260 kg  | 2780 lbs  |

| D                       |        |          |           |
|-------------------------|--------|----------|-----------|
| Max. lifting capacities |        | 8850 kg  | 19500 lbs |
| Outreach                |        | Capacity |           |
| 4,3 m                   | 14' 1" | 5900 kg  | 13000 lbs |
| 6,2 m                   | 20' 4" | 3900 kg  | 8500 lbs  |
| 8,1 m                   | 26' 7" | 2850 kg  | 6200 lbs  |
| 10,2 m                  | 33' 6" | 2150 kg  | 4750 lbs  |
| 12,3 m                  | 40' 4" | 1740 kg  | 3800 lbs  |
| 14,4 m                  | 47' 3" | 1460 kg  | 3250 lbs  |
| 16,7 m*                 | 54' 9" | 1200 kg  | 2650 lbs  |
| 18,8 m*                 | 61' 8" | 1000 kg  | 2200 lbs  |

| E                       |         |          |           |
|-------------------------|---------|----------|-----------|
| Max. lifting capacities |         | 8500 kg  | 18730 lbs |
| Outreach                |         | Capacity |           |
| 4,4 m                   | 14' 5"  | 5700 kg  | 12500 lbs |
| 6,3 m                   | 20' 8"  | 3700 kg  | 8200 lbs  |
| 8,2 m                   | 26' 11" | 2700 kg  | 5900 lbs  |
| 10,3 m                  | 33' 10" | 2000 kg  | 4400 lbs  |
| 12,4 m                  | 40' 8"  | 1580 kg  | 3500 lbs  |
| 14,5 m                  | 47' 7"  | 1320 kg  | 2900 lbs  |
| 16,7 m                  | 54' 9"  | 1140 kg  | 2500 lbs  |
| 18,8 m*                 | 61' 8"  | 950 kg   | 2100 lbs  |
| 21,0 m*                 | 68' 11" | 810 kg   | 1780 lbs  |

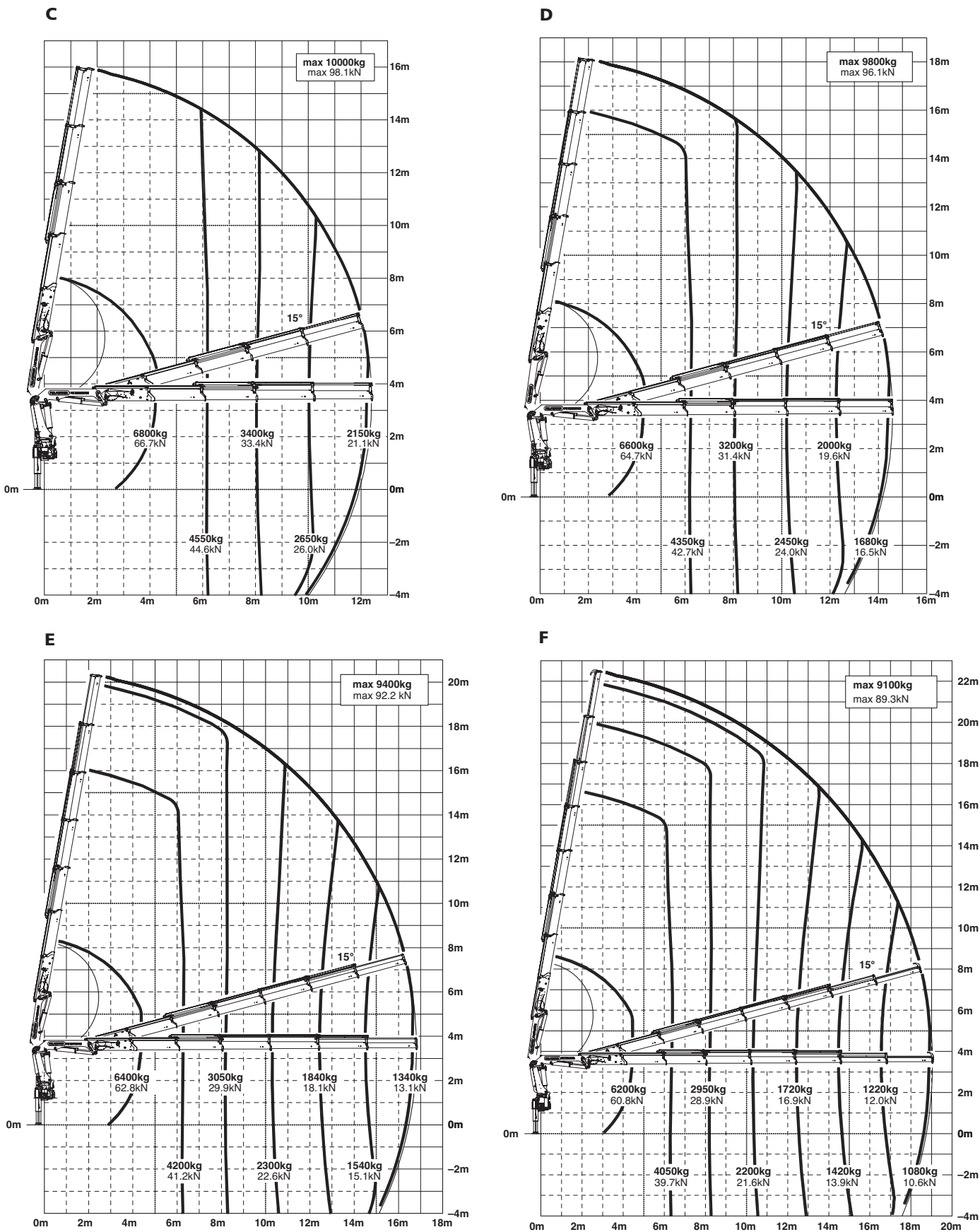
| F                       |         |          |           |
|-------------------------|---------|----------|-----------|
| Max. lifting capacities |         | 8200 kg  | 18070 lbs |
| Outreach                |         | Capacity |           |
| 4,5 m                   | 14' 9"  | 5500 kg  | 12100 lbs |
| 6,4 m                   | 20' 12" | 3550 kg  | 7900 lbs  |
| 8,3 m                   | 27' 3"  | 2550 kg  | 5600 lbs  |
| 10,4 m                  | 34' 1"  | 1880 kg  | 4150 lbs  |
| 12,5 m                  | 41' 0"  | 1480 kg  | 3250 lbs  |
| 14,6 m                  | 47' 11" | 1220 kg  | 2700 lbs  |
| 16,7 m                  | 54' 9"  | 1040 kg  | 2300 lbs  |
| 18,9 m                  | 62' 0"  | 900 kg   | 2000 lbs  |
| 21,1 m*                 | 69' 3"  | 770 kg   | 1700 lbs  |
| 23,1 m*                 | 75' 9"  | 570 kg   | 1260 lbs  |

| G                       |        |          |           |
|-------------------------|--------|----------|-----------|
| Max. lifting capacities |        | 7900 kg  | 17400 lbs |
| Outreach                |        | Capacity |           |
| 4,6 m                   | 15' 1" | 5300 kg  | 11700 lbs |
| 6,5 m                   | 21' 4" | 3450 kg  | 7600 lbs  |
| 8,4 m                   | 27' 7" | 2450 kg  | 5400 lbs  |
| 10,5 m                  | 34' 5" | 1780 kg  | 3900 lbs  |
| 12,6 m                  | 41' 4" | 1360 kg  | 3000 lbs  |
| 14,7 m                  | 48' 3" | 1100 kg  | 2450 lbs  |
| 16,8 m                  | 55' 1" | 920 kg   | 2050 lbs  |
| 19,0 m                  | 62' 4" | 800 kg   | 1760 lbs  |
| 21,1 m                  | 69' 3" | 710 kg   | 1560 lbs  |
| 23,1 m*                 | 75' 9" | 570 kg   | 1260 lbs  |



\*mechanical extension

PK 33002 EH High Performance



The outreaches stated are with a boom angle of 20° and are therefore not the maximum.



## First-rate in design and performance



### Power Link Plus

This knuckle boom, specially developed by PALFINGER which can be angled upwards stands out by virtue of excellent movement geometry. Even in the tightest spaces difficult crane jobs can be performed with precision.



### Maintenance-free extension system

With the maintenance-free extension system PALFINGER sets a clear path in easy servicing. The use of sliding elements made of special plastic in combination with the proven KTL cathodic dip painting means that the extension boom system no longer has to be serviced by the operator. This not only saves time and expense but also protects the environment.



### Control console

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.



### Functional Design

Functional Design elements increase working comfort, protect against damage and make servicing and maintenance easier. The spiral tube hose optimally protects the hydraulic hoses from environmental influences, damage and dirt. Thanks to the patented interlock system, the crane is equipped with an innovative outrigger safety system for manual stabilizer supports.



### Lighting package (optional)

The control stand is supplied on request with LED illumination and backlit symbols. LED warning lights are fitted on the outriggers to provide better visibility.



### Radio remote control

Radio remote control with digital data transmission (standard on EH models) offers maximum efficiency and comfort. The display integrated in the handset informs the crane operator continuously about the current capacity loading level of the crane.



### PALTRONIC 50

Modern electronics in the increasingly complex crane system offers safety and comfort functions which make the crane operator's work easier and increases the efficiency of the crane job.



Its diligence. Your strength.

**Outrigger system**

All the outriggers are fitted as standard with a ball-jointed support plate that can be swivelled through 10°. This enables them to adapt optimally to the ground. The enlarged plate also reduces the pressure on the ground. Three possible hydraulic stabilizer widths: 5.6 / 6.6 / 7.4 m. The crane's stabilizer cylinders can be pivoted fully hydraulically upwards through 180° (optional equipment).



**Load-holding valve**

They prevent the crane boom from dropping and are fitted as standard on all slewing, lifting, knuckle-boom and extension cylinders. The valves are positioned in such a way that they are protected against damage.



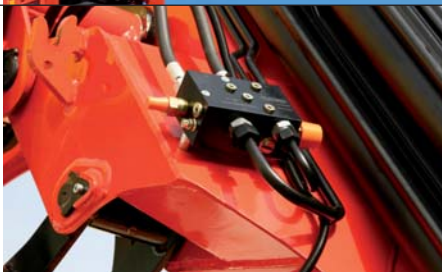
**Hose equipment for auxiliary equipment**

Hoses providing oil supply for auxiliary equipment are routed in compact trays and protective chains. A clean design offers maximum service life. There is also an optional solution with hose drum on the main boom with the hoses guided on the inside in the extension system for protection.



**Return oil utilisation**

The high speed of the extension system is impressive. It results from return oil utilisation, which is installed as standard, and the generously dimensioned hydraulic lines. This increases efficiency in all types of applications!



**KTL – the cathodic dip painting**

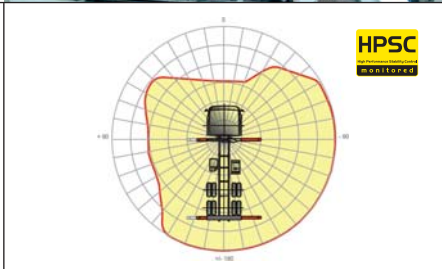
The shot-blasted crane parts are covered in zinc phosphate in an immersion process and coated electro-statically. The subsequent two-component top coating of paint provides a surface protection which in the past was usually only found in the automotive industry.



**HPSC\***

The High Performance Stability Control System (HPSC) monitors the stability of the crane vehicle. Sensors for proportional length measurement located in the stabilizers make their positioning fully variable. As a result, it is possible to calculate the permissible working range for any stabilizer situation. The integrated real-time data algorithm ensures optimum utilization of the lifting power at every point of the stability curve.

\* HPSC or an alternative system for monitoring stability is mandatory in the version compliant with EN12999:2011.



**AOS (optional)**

The Active Oscillation Suppression system available exclusively from PALFINGER compensates for jolts and sharp stress cycles caused by crane operation. Because oscillations are eradicated the crane can work with precision, much faster and therefore more cost-efficiently.





## PK 33002 EH High Performance

### Max. lifting capacities

A

| Max. lifting capacities |         | 10000 kg | 22040 lbs |
|-------------------------|---------|----------|-----------|
| Outreach                |         | Capacity |           |
| 4,1 m                   | 13' 5"  | 7400 kg  | 16300 lbs |
| 6,0 m                   | 19' 8"  | 5000 kg  | 11100 lbs |
| 7,9 m                   | 25' 11" | 3800 kg  | 8400 lbs  |

B

| Max. lifting capacities |        | 10000 kg | 22040 lbs |
|-------------------------|--------|----------|-----------|
| Outreach                |        | Capacity |           |
| 4,2 m                   | 13' 9" | 7100 kg  | 15700 lbs |
| 6,1 m                   | 20' 0" | 4800 kg  | 10600 lbs |
| 8,0 m                   | 26' 3" | 3600 kg  | 8000 lbs  |
| 10,1 m                  | 33' 2" | 2850 kg  | 6300 lbs  |

C

| Max. lifting capacities |        | 10000 kg | 22040 lbs |
|-------------------------|--------|----------|-----------|
| Outreach                |        | Capacity |           |
| 4,2 m                   | 13' 9" | 6800 kg  | 15000 lbs |
| 6,1 m                   | 20' 0" | 4550 kg  | 10100 lbs |
| 8,0 m                   | 26' 3" | 3400 kg  | 7500 lbs  |
| 10,1 m                  | 33' 2" | 2650 kg  | 5800 lbs  |
| 12,2 m                  | 40' 0" | 2150 kg  | 4750 lbs  |
| 14,4 m*                 | 47' 3" | 1760 kg  | 3900 lbs  |
| 16,6 m*                 | 54' 6" | 1460 kg  | 3200 lbs  |

D

| Max. lifting capacities |        | 9800 kg  | 21600 lbs |
|-------------------------|--------|----------|-----------|
| Outreach                |        | Capacity |           |
| 4,3 m                   | 14' 1" | 6600 kg  | 14500 lbs |
| 6,2 m                   | 20' 4" | 4350 kg  | 9600 lbs  |
| 8,1 m                   | 26' 7" | 3200 kg  | 7100 lbs  |
| 10,2 m                  | 33' 6" | 2450 kg  | 5400 lbs  |
| 12,3 m                  | 40' 4" | 2000 kg  | 4400 lbs  |
| 14,4 m                  | 47' 3" | 1680 kg  | 3700 lbs  |
| 16,7 m*                 | 54' 9" | 1380 kg  | 3050 lbs  |
| 18,8 m*                 | 61' 8" | 1160 kg  | 2600 lbs  |

E

| Max. lifting capacities |         | 9400 kg  | 20700 lbs |
|-------------------------|---------|----------|-----------|
| Outreach                |         | Capacity |           |
| 4,4 m                   | 14' 5"  | 6400 kg  | 14000 lbs |
| 6,3 m                   | 20' 8"  | 4200 kg  | 9200 lbs  |
| 8,2 m                   | 26' 11" | 3050 kg  | 6700 lbs  |
| 10,3 m                  | 33' 10" | 2300 kg  | 5100 lbs  |
| 12,4 m                  | 40' 8"  | 1840 kg  | 4050 lbs  |
| 14,5 m                  | 47' 7"  | 1540 kg  | 3400 lbs  |
| 16,7 m                  | 54' 9"  | 1340 kg  | 2950 lbs  |
| 18,8 m*                 | 61' 8"  | 1120 kg  | 2500 lbs  |
| 21,0 m*                 | 68' 11" | 960 kg   | 2120 lbs  |

F

| Max. lifting capacities |         | 9100 kg  | 20060 lbs |
|-------------------------|---------|----------|-----------|
| Outreach                |         | Capacity |           |
| 4,5 m                   | 14' 9"  | 6200 kg  | 13600 lbs |
| 6,4 m                   | 20' 12" | 4050 kg  | 8900 lbs  |
| 8,3 m                   | 27' 3"  | 2950 kg  | 6400 lbs  |
| 10,4 m                  | 34' 1"  | 2200 kg  | 4800 lbs  |
| 12,5 m                  | 41' 0"  | 1720 kg  | 3800 lbs  |
| 14,6 m                  | 47' 11" | 1420 kg  | 3150 lbs  |
| 16,7 m                  | 54' 9"  | 1220 kg  | 2700 lbs  |
| 18,9 m                  | 62' 0"  | 1080 kg  | 2350 lbs  |
| 21,1 m*                 | 69' 3"  | 920 kg   | 2040 lbs  |
| 23,1 m*                 | 75' 9"  | 570 kg   | 1260 lbs  |

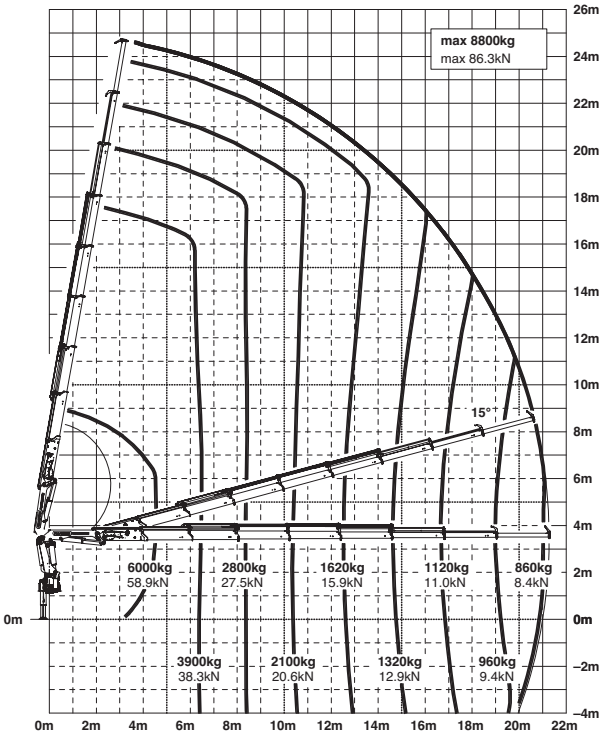
G

| Max. lifting capacities |        | 8800 kg  | 19400 lbs |
|-------------------------|--------|----------|-----------|
| Outreach                |        | Capacity |           |
| 4,6 m                   | 15' 1" | 6000 kg  | 13200 lbs |
| 6,5 m                   | 21' 4" | 3900 kg  | 8600 lbs  |
| 8,4 m                   | 27' 7" | 2800 kg  | 6200 lbs  |
| 10,5 m                  | 34' 5" | 2100 kg  | 4550 lbs  |
| 12,6 m                  | 41' 4" | 1620 kg  | 3550 lbs  |
| 14,7 m                  | 48' 3" | 1320 kg  | 2900 lbs  |
| 16,8 m                  | 55' 1" | 1120 kg  | 2450 lbs  |
| 19,0 m                  | 62' 4" | 960 kg   | 2150 lbs  |
| 21,1 m                  | 69' 3" | 860 kg   | 1900 lbs  |
| 23,1 m*                 | 75' 9" | 570 kg   | 1260 lbs  |

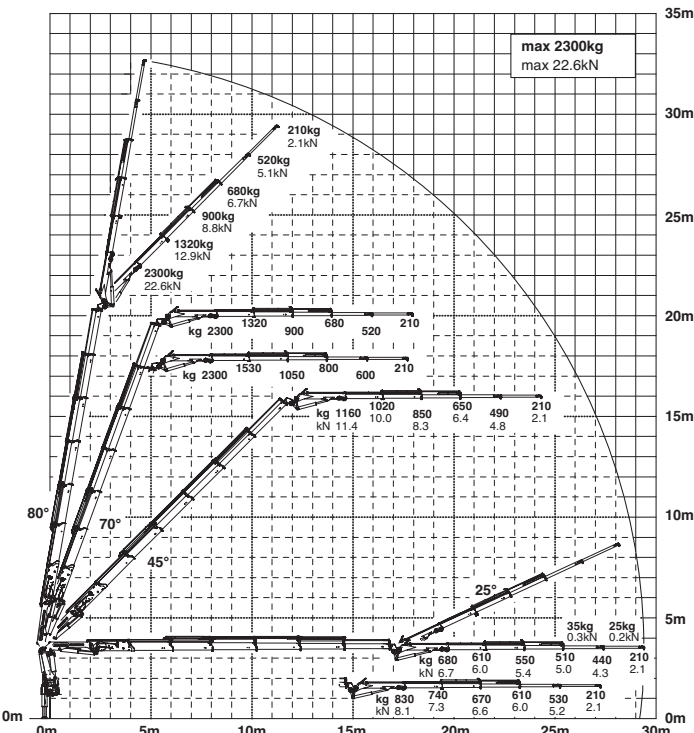
### Package model PK 33002 EH:

- E-HPLS
  - Paltronic 50
  - Radio remote control with LED display
- Danfoss control valve or PVG2000
  - 8.5 kW oil cooler
  - 200 l oil tank

G



E PJ060B JV2 DPS PLUS



\*mechanical extension



Seamless service network.  
Excellent coverage  
worldwide.

KP-H30/33002EM1+E  
E 05/12, K 05/12, D 05/12

PK 30002 High Performance

Technical Specifications (EN 12999 HC1 HD4/B3)

|                               |                   |                   |
|-------------------------------|-------------------|-------------------|
| Max. lifting moment           | 28.0 mt/275.0 kNm | 202810 ft.lbs     |
| Max. lifting capacity         | 10000 kg/98.1 kN  | 22050 lbs         |
| Max. hydraulic outreach       | 21.3 m            | 69' 11"           |
| Max. manual outreach          | 23.3 m            | 76' 5"            |
| Slewing angle                 | 400°              |                   |
| Slewing torque                | 3.2 mt/31.4 kNm   | 23130 ft.lbs      |
| Stabilizer spread             | std. 5.6 m/18' 4" | max. 7.4 m/24' 3" |
| Fitting space required (std.) | 1.01 m            | 3' 4"             |
| Width folded                  | 2.53 m            | 8' 3"             |
| Max. operating pressure       | 320 bar           | 4640 psi          |
| Recommended pump capacity     | from 55 l/min     | 14.5 US gal./min  |
|                               | to 80 l/min       | 21.1 US gal./min  |
| Dead weight (std.)            | 2876 kg           | 6340 lbs          |

PK 33002 EH High Performance

Technical Specifications (EN 12999 HC1 HD4/B3)

|                               |                   |                   |
|-------------------------------|-------------------|-------------------|
| Max. lifting moment           | 31.1 mt/305.0 kNm | 224940 ft.lbs     |
| Max. lifting capacity         | 10000 kg/98.1 kN  | 22050 lbs         |
| Max. hydraulic outreach       | 21.3 m            | 69' 11"           |
| Max. manual outreach          | 23.3 m            | 76' 5"            |
| Outreach (+ fly jib)          | 29.4 m            | 96' 5"            |
| Slewing angle                 | 400°              |                   |
| Slewing torque                | 3.2 mt/31.4 kNm   | 23130 ft.lbs      |
| Stabilizer spread             | std. 5.6 m/18' 4" | max. 7.4 m/24' 3" |
| Fitting space required (std.) | 1.01 m            | 3' 4"             |
| Width folded                  | 2.53 m            | 8' 3"             |
| Max. operating pressure       | 350 bar           | 5075 psi          |
| Recommended pump capacity     | from 80 l/min     | 21.1 US gal./min  |
|                               | to 100 l/min      | 26.4 US gal./min  |
| Dead weight (std.)            | 2876 kg           | 6340 lbs          |

