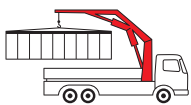


PK 11002 / PK 12002 - EH

High Performance

PALFINGER CRANE



KTL
protected

**Paltronic
50**
controlled

RRC
Radio Remote Control
operated

ISC
Integrated Stability Control
monitored

AOS
Active Oscillation Suppression
inside

The strong and compact all-rounders

Fast and efficient

The PK 11002 impresses in its class through high efficiency and cost effectiveness. The double linkage system with a knuckle boom which can be angled upwards through 15° (Power Link Plus) and compact design make this crane the ideal partner for demanding working conditions. With the electronic HPLS and the standard radio remote control the PK 12002 EH opens up additional attractive areas of application.



Efficient and comfortable working



Superior crane technology



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.



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.



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.



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.

Proven in continuous situations

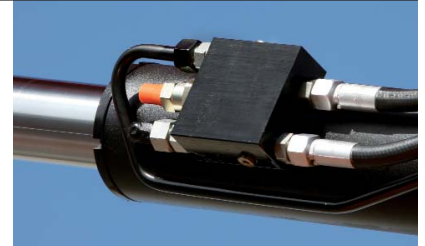
Outrigger system

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. The PK 11002 and 12002 EH *High Performance* fit onto all standard truck chassis frames. Three outrigger widths are possible: 3.2 m (mechanical), 4.9 m (mechanical or hydraulic) and 5.6 m (hydraulic).



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.



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 working!



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.



ISC (optional)

The integrated stability control (ISC) is a system that monitors the stability of the crane vehicle. The system adjusts the crane's lifting forces depending on the current stability support situation and the crane boom to ensure the vehicle's stability over the entire working area.



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 11002 High Performance

Max. lifting capacities

STD

Max. lifting capacities	5700 kg	12570 lbs
Outreach	Capacity	
hydraulic		
3.7 m	12' 2"	2700 kg 5950 lbs
5.6 m	18' 4"	1780 kg 3920 lbs

A

Max. lifting capacities	5580 kg	12300 lbs
Outreach	Capacity	
hydraulic		
3.8 m	12' 6"	2550 kg 5620 lbs
5.7 m	18' 8"	1680 kg 3700 lbs
7.6 m	24' 11"	1240 kg 2730 lbs

B

Max. lifting capacities	5460 kg	12040 lbs
Outreach	Capacity	
hydraulic		
3.9 m	12' 10"	2450 kg 5400 lbs
5.8 m	19' 0"	1560 kg 3440 lbs
7.7 m	25' 3"	1140 kg 2510 lbs
9.7 m	31' 10"	880 kg 1940 lbs
manual		
11.9 m	39' 1"	670 kg 1480 lbs
13.9 m	45' 7"	550 kg 1210 lbs

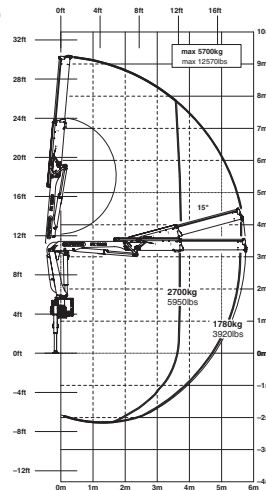
C

Max. lifting capacities	5360 kg	11820 lbs
Outreach	Capacity	
hydraulic		
3.9 m	12' 10"	2300 kg 5070 lbs
5.8 m	19' 0"	1460 kg 3220 lbs
7.7 m	25' 3"	1040 kg 2290 lbs
9.8 m	32' 2"	780 kg 1720 lbs
11.8 m	38' 9"	640 kg 1410 lbs
manual		
13.8 m	45' 3"	510 kg 1120 lbs
15.8 m	51' 10"	380 kg 840 lbs

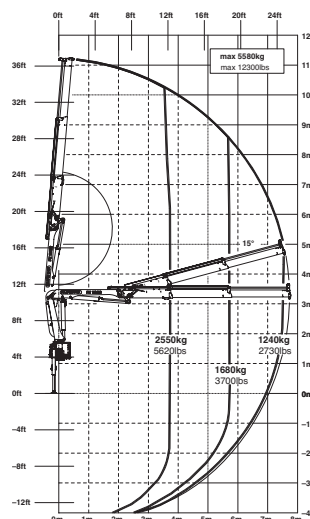
D

Max. lifting capacities	5260 kg	11600 lbs
Outreach	Capacity	
hydraulic		
4.0 m	13' 1"	2200 kg 4850 lbs
5.9 m	19' 4"	1360 kg 3000 lbs
7.8 m	25' 7"	940 kg 2070 lbs
9.9 m	32' 6"	700 kg 1540 lbs
11.9 m	39' 1"	540 kg 1190 lbs
13.9 m	45' 7"	460 kg 1010 lbs
manual		
16.0 m	52' 6"	370 kg 820 lbs

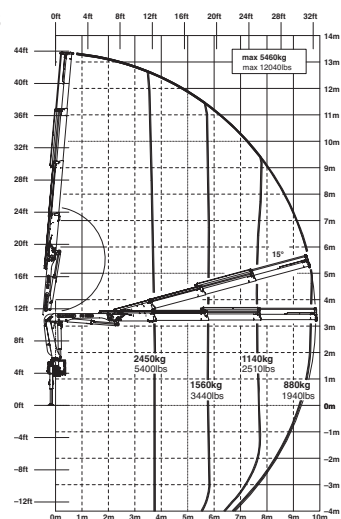
STD



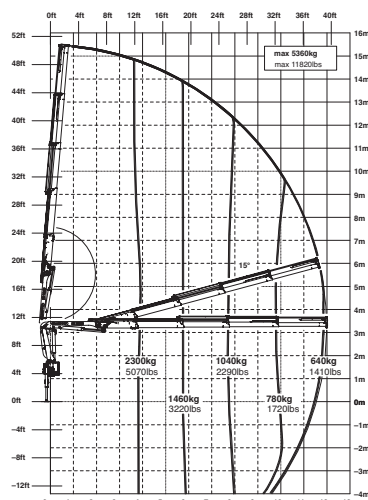
A



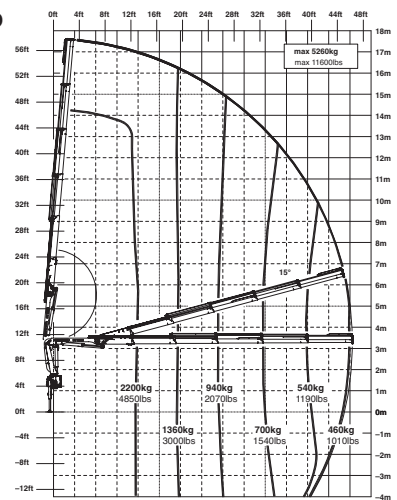
B



C



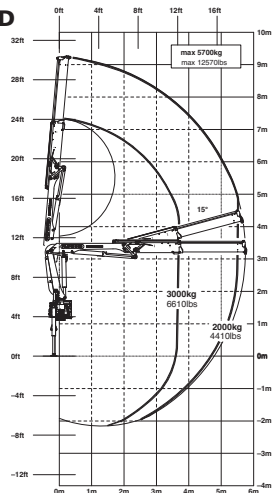
D



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

PK 12002 EH High Performance

STD



Package model PK 12002 EH:

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

Max. lifting capacities

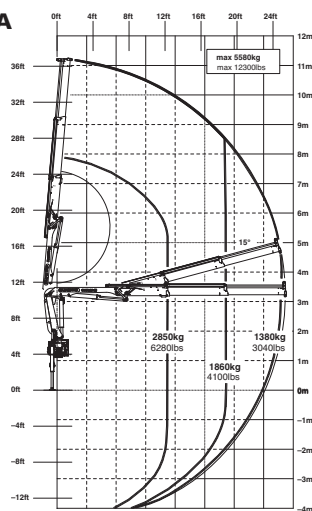
STD

Max. lifting capacities	5700 kg	12570 lbs
Outreach	Capacity	
hydraulic		
3.7 m	12' 2"	3000 kg 6610 lbs
5.6 m	18' 4"	2000 kg 4410 lbs

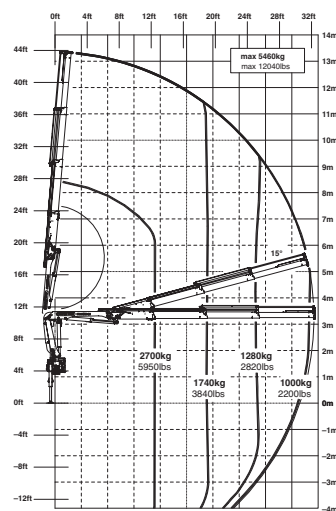
A

Max. lifting capacities	5580 kg	12300 lbs
Outreach	Capacity	
hydraulic		
3.8 m	12' 6"	2850 kg 6280 lbs
5.7 m	18' 8"	1860 kg 4100 lbs
7.6 m	24' 11"	1380 kg 3040 lbs

A



B



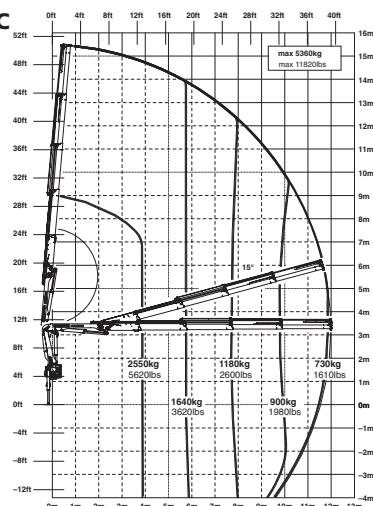
B

Max. lifting capacities	5460 kg	12040 lbs
Outreach	Capacity	
hydraulic		
3.9 m	12' 10"	2700 kg 5950 lbs
5.8 m	19' 0"	1740 kg 3840 lbs
7.7 m	25' 3"	1280 kg 2820 lbs
9.7 m	31' 10"	1000 kg 2200 lbs
manual		
11.9 m	39' 1"	780 kg 1720 lbs
13.9 m	45' 7"	630 kg 1390 lbs

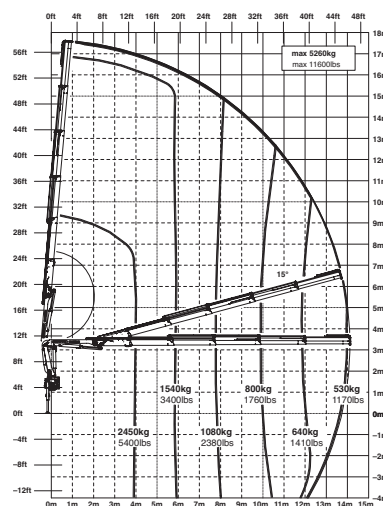
C

Max. lifting capacities	5360 kg	11820 lbs
Outreach	Capacity	
hydraulic		
3.9 m	12' 10"	2550 kg 5620 lbs
5.8 m	19' 0"	1640 kg 3620 lbs
7.7 m	25' 3"	1180 kg 2600 lbs
9.8 m	32' 2"	900 kg 1980 lbs
11.8 m	38' 9"	730 kg 1610 lbs
manual		
13.8 m	45' 3"	600 kg 1320 lbs
15.8 m	51' 10"	380 kg 840 lbs

C



D



D

Max. lifting capacities	5260 kg	11600 lbs
Outreach	Capacity	
hydraulic		
4.0 m	13' 1"	2450 kg 5400 lbs
5.9 m	19' 4"	1540 kg 3400 lbs
7.8 m	25' 7"	1080 kg 2380 lbs
9.9 m	32' 6"	800 kg 1760 lbs
11.9 m	39' 1"	640 kg 1410 lbs
13.9 m	45' 7"	530 kg 1170 lbs
manual		
16.0 m	52' 6"	380 kg 840 lbs

Perfect combination
of lifting power and
manoeuvrability

KP-H11/12002EM1-E
E 05/09, K 05/09, D 05/09

PK 11002 High Performance

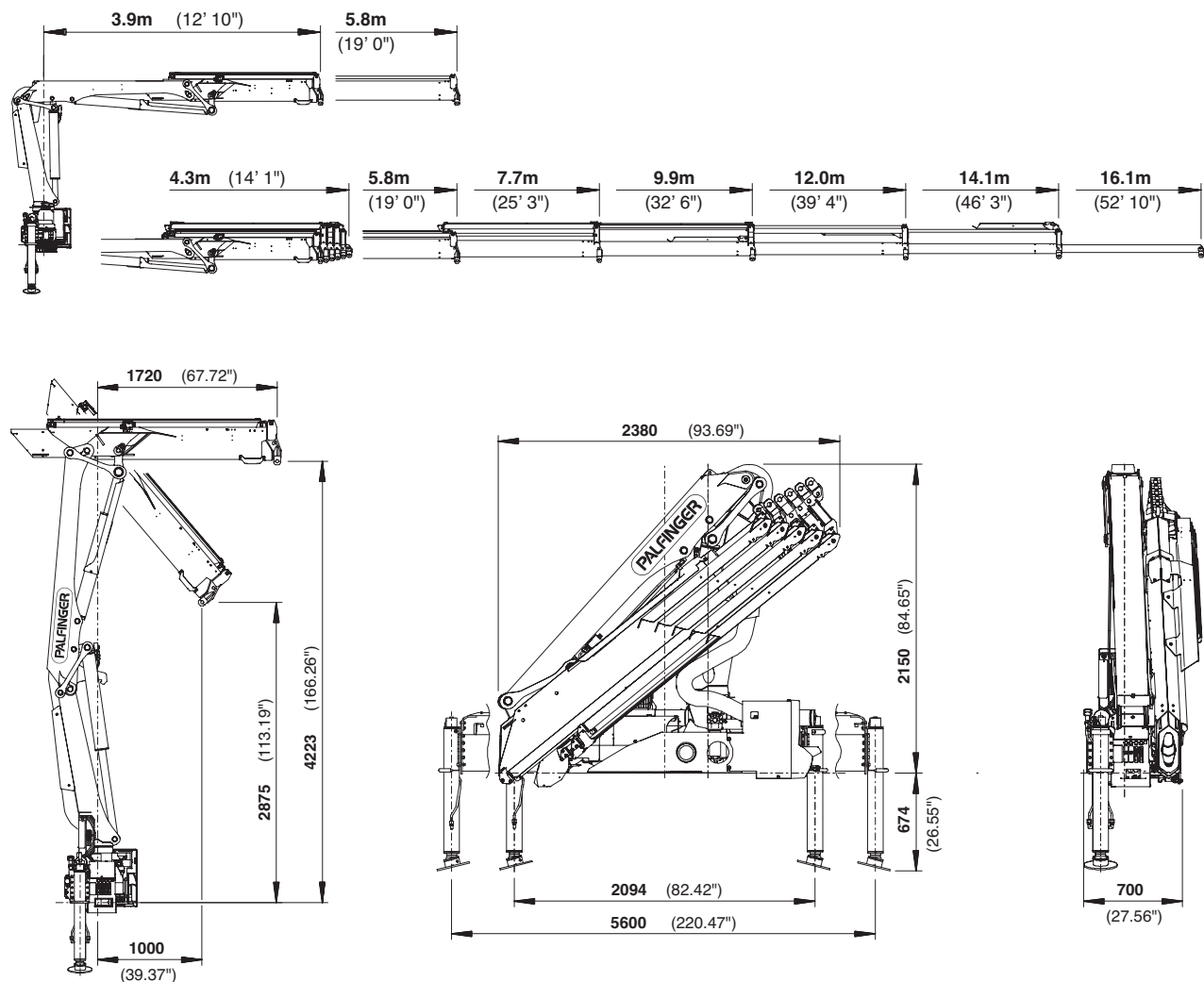
Technical Specifications (EN 12999 H1-B3)

Max. lifting moment	10.0 mt/98.1 kNm	72350 ft.lbs
Max. lifting capacity	5700 kg/55.9 kN	12570 lbs
Max. hydraulic outreach	14.1 m	46' 3"
Max. manual outreach	16.1 m	52' 10"
Slewing angle	400°	
Slewing torque	1.3 mt/12.7 kNm	9400 ft.lbs
Stabilizer spread	std. 3.2 m/10' 6"	max. 5.6 m/18' 4"
Fitting space required (std.)	0.70 m	2' 4"
Width folded	2.33 m	7' 8"
Max. operating pressure	320 bar	4640 psi
Recommended pump capacity	from 30 l/min	7.9 US gal./min
	to 45 l/min	11.9 US gal./min
Dead weight (std.)	1133 kg	2500 lbs

PK 12002 EH High Performance

Technical Specifications (EN 12999 H1-B3)

Max. lifting moment	11.0 mt/107.9 kNm	79590 ft.lbs
Max. lifting capacity	5700 kg/55.9 kN	12570 lbs
Max. hydraulic outreach	14.1 m	46' 3"
Max. manual outreach	16.1 m	52' 10"
Slewing angle	400°	
Slewing torque	1.3 mt/12.7 kNm	9400 ft.lbs
Stabilizer spread	std. 3.2 m/10' 6"	max. 5.6 m/18' 4"
Fitting space required (std.)	0.70 m	2' 4"
Width folded	2.33 m	7' 8"
Max. operating pressure	350 bar	5075 psi
Recommended pump capacity	from 45 l/min	11.9 US gal./min
	to 60 l/min	15.9 US gal./min
Dead weight (std.)	1158 kg	2550 lbs



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Applications shown in the leaflet do not always correspond to the standard specifications. Design and specification are subject to change without prior notice. Dimensions may vary. Subject to technical changes, errors and translation mistakes.

*1) Optional features