PK 11002 / 12002 EH

PALFINGER
LIFETIME EXCELLENCE

THE COMPACT DESIGN AND POWER LINK PLUS ARE ATTRIBUTES FOR EFFICIENCY AND COST EFFECTIVENESS



LIFETIME EXCELLENCE

PALFINGER LOADER CRANES ARE CONVINCING DUE TO THEIR SUPERIOR LIFECYCLE 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


PK 11002
PALFINGER

EFFICIENT AND COMFORTABLE WORKING



- Maximum precision and safety due to optional AOS
- High value retention due to KTL coating
- Maximum reliability due to PAL 50
- High operator friendliness thanks to optional radio remote control
- Additional applications with Power Link Plus





FIRST-RATE
IN DESIGN AND PERFORMANCE

12
HIGHLIGHTS



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.



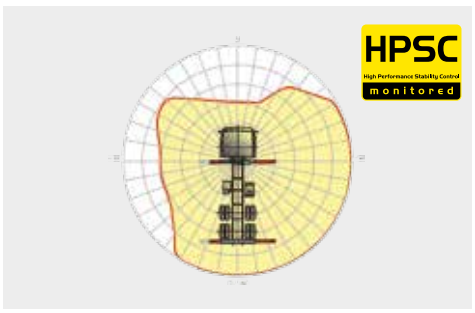
LOW-MAINTENANCE EXTENSION SYSTEM
REDUCES SERVICE TIME

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.



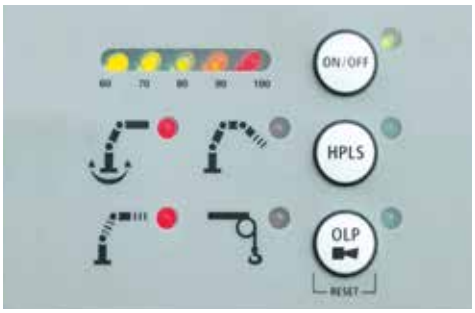
HIGH SPEED EXTENSION
FOR EFFICIENT ASSIGNMENTS

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.



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.



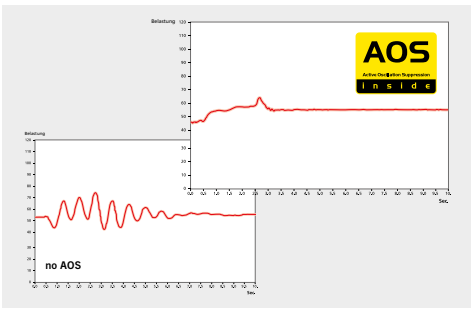
RADIO REMOTE CONTROL
DIALOGUE WITH THE OPERATOR

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 operato



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.



LIGHTING PACKAGE*
MORE CRANE SAFETY PARTICULARLY AT DUSK AND DARK

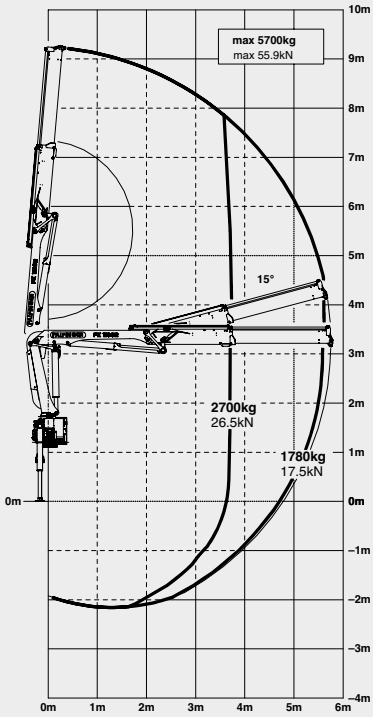
LEDs which backlight the control panel make it easier to read off the crane functions and provide the crane operator with a quick overview of the entire panel during the working process. LED warning lights in the supporting cylinders mean greater safety for crane operator and passers-by.

KTL protected | Paltronic 50 controlled | RRC* Radio Remote Control operated | HPSC* High Performance Stability Control monitored | AOS* Active Oscillation Suppression inside

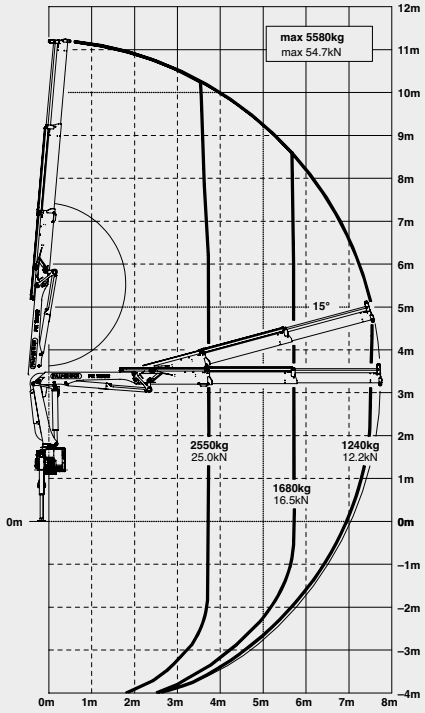
* Optional features / country-specific equipment

PK 11002
HIGH PERFORMANCE

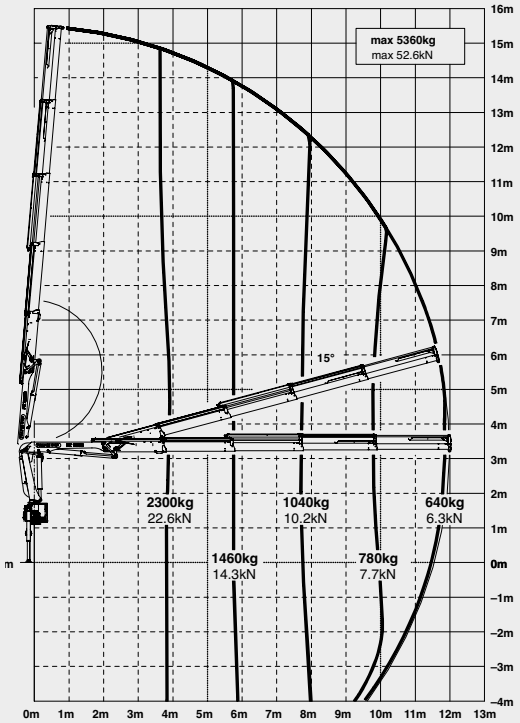
STD



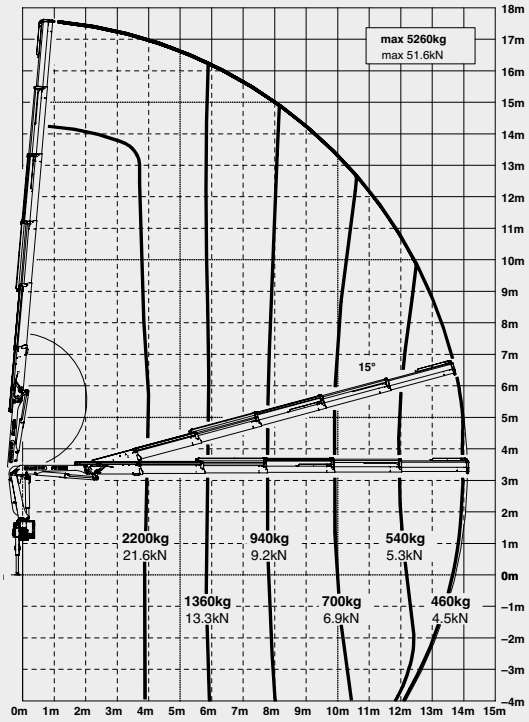
A



C



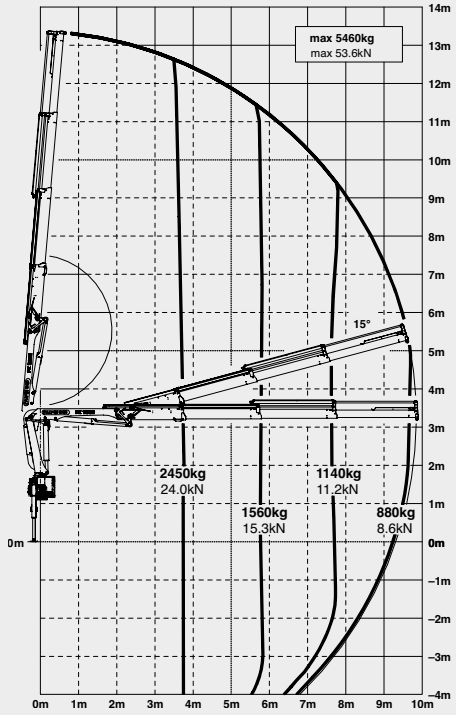
D



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

SUPERIOR
CRANE TECHNOLOGY

B



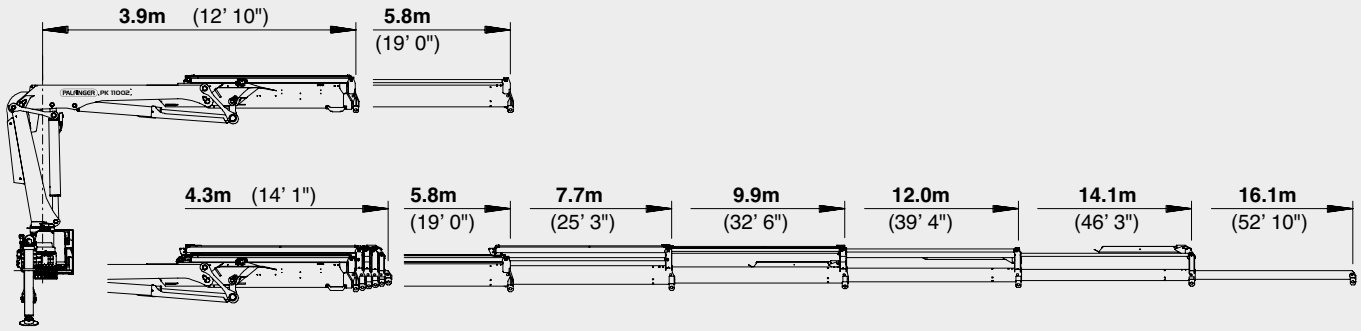
LIFTING CAPACITIES

STD	**max.**		**5700 kg**	**55.9 kN**
	3.7 m	12’ 2”	2700 kg	5950 lbs
	5.6 m	18’ 4”	1780 kg	3920 lbs
A	**max.**		**5580 kg**	**54.7 kN**
	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.**		**5460 kg**	**53.6 kN**
	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
	11.9 m*	39’ 1”	670 kg	1480 lbs
	13.9 m*	45’ 7”	550 kg	1210 lbs
C	**max.**		**5360 kg**	**52.6 kN**
	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
	13.8 m*	45’ 3”	510 kg	1120 lbs
	15.8 m*	51’ 10”	380 kg	840 lbs
D	**max.**		**5260 kg**	**51.6 kN**
	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
	16.0 m*	52’ 6”	370 kg	820 lbs

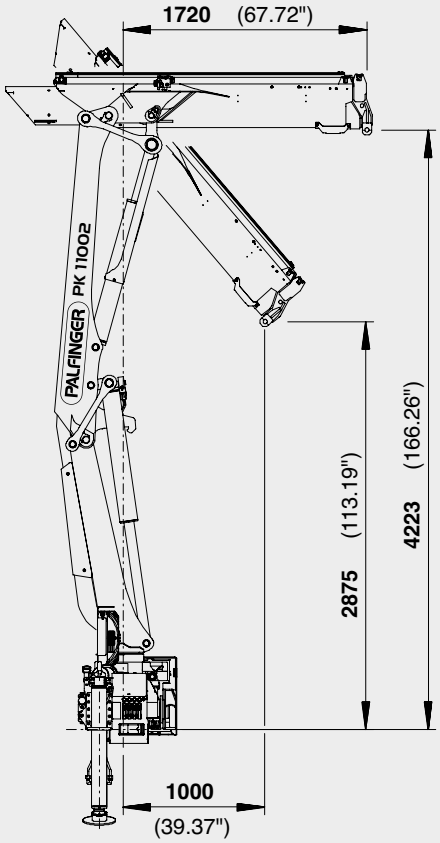
*mechanical extension

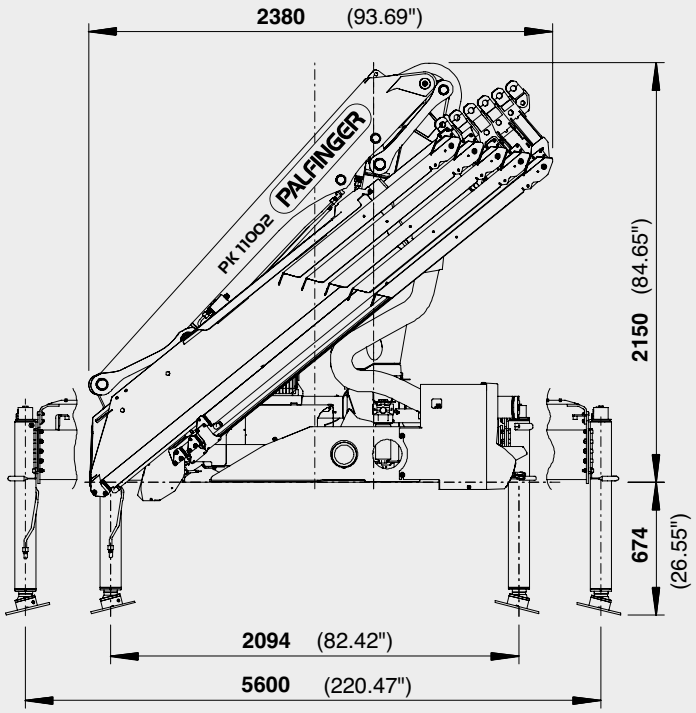
PERFECT DIMENSIONS

EXTENSION BOOM VARIATIONS



DIMENSIONS

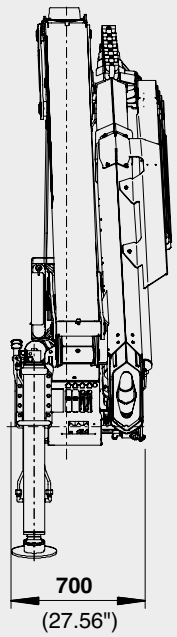




PK 11002

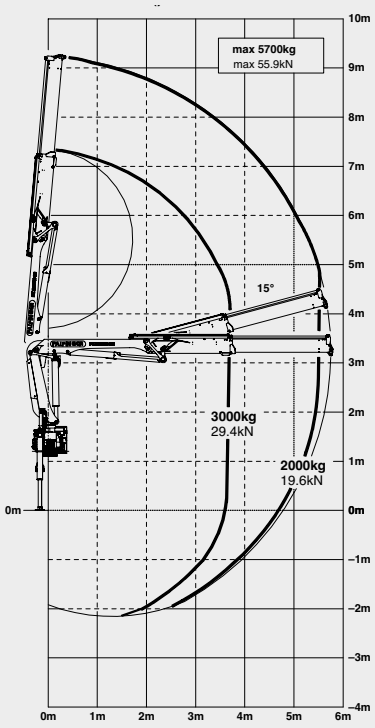
TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD4/B3)

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
Stabiliser spread (std./max.)	3.2 m / 5.6 m	10' 6" / 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

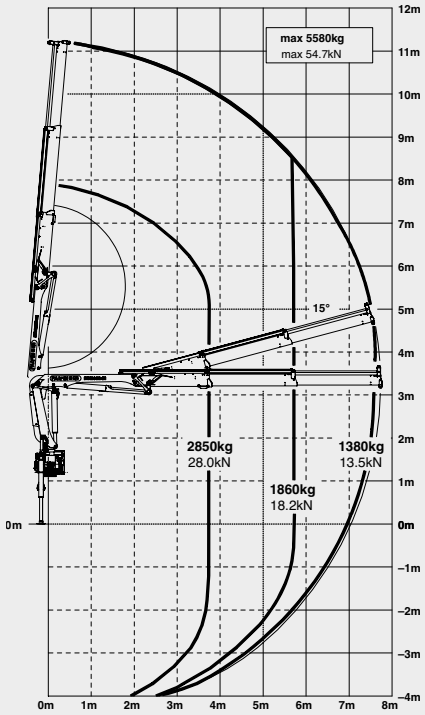


PK 12002 EH
HIGH PERFORMANCE

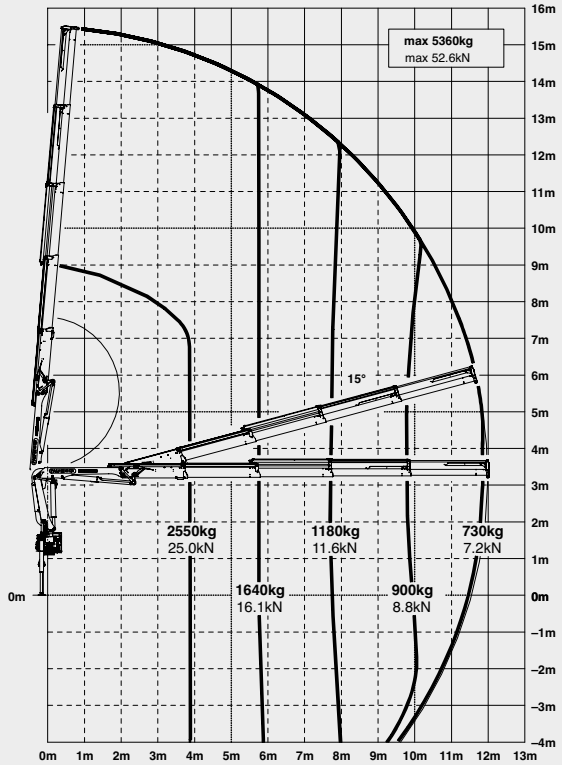
STD



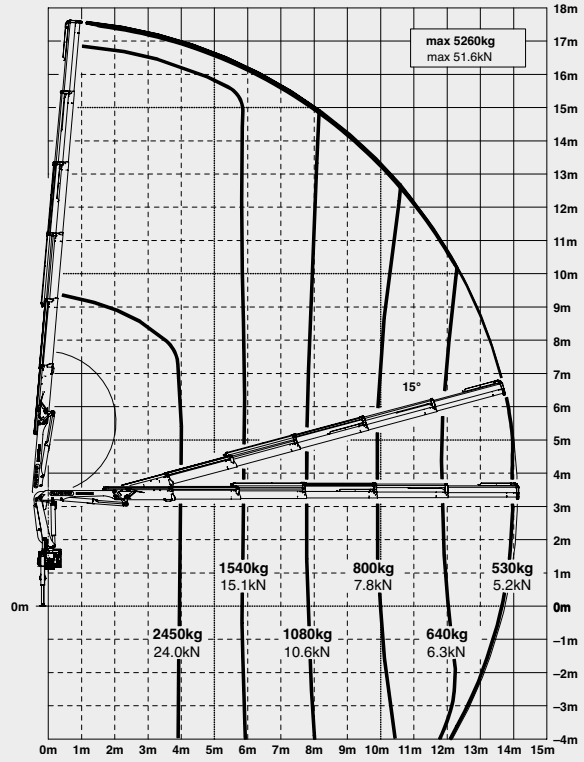
A



C



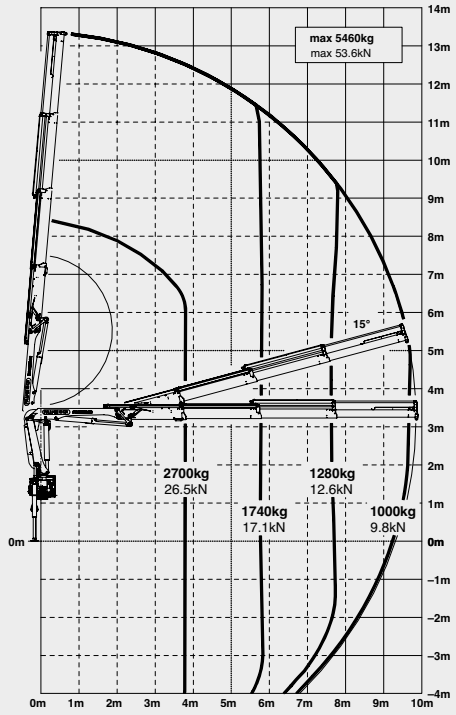
D



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

PROVEN IN
CONTINUOUS SITUATIONS

B



LIFTING CAPACITIES

STD

max.		5700 kg	55.9 kN
3.7 m	12’ 2’’	3000 kg	6610 lbs
5.6 m	18’ 4’’	2000 kg	4410 lbs

A

max.		5580 kg	54.7 kN
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

B

max.		5460 kg	53.6 kN
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
11.9 m*	39’ 1’’	780 kg	1720 lbs
13.9 m*	45’ 7’’	630 kg	1390 lbs

C

max.		5360 kg	52.6 kN
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
13.8 m*	45’ 3’’	600 kg	1320 lbs
15.8 mÜ	51’ 10’’	380 kg	840 lbs

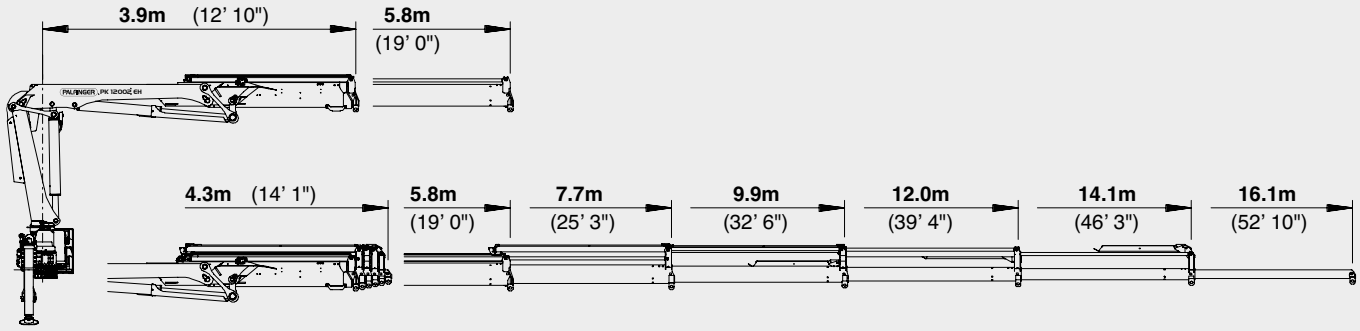
D

max.		5260 kg	51.6 kN
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
16.0 m*	52’ 6’’	380 kg	840 lbs

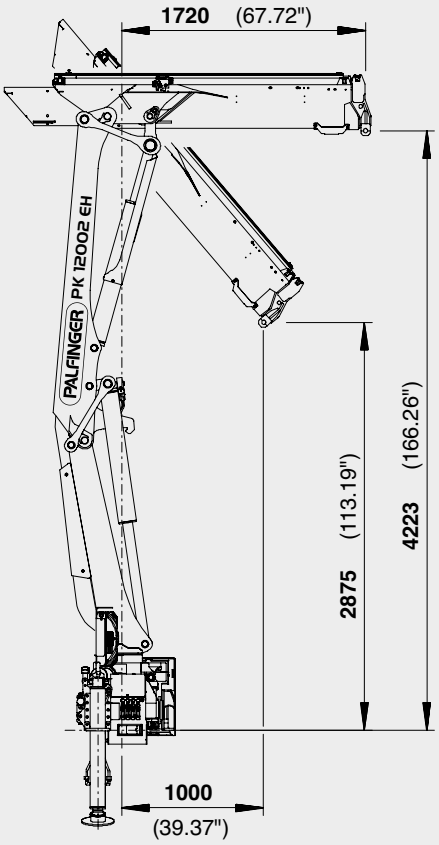
*mechanical extension

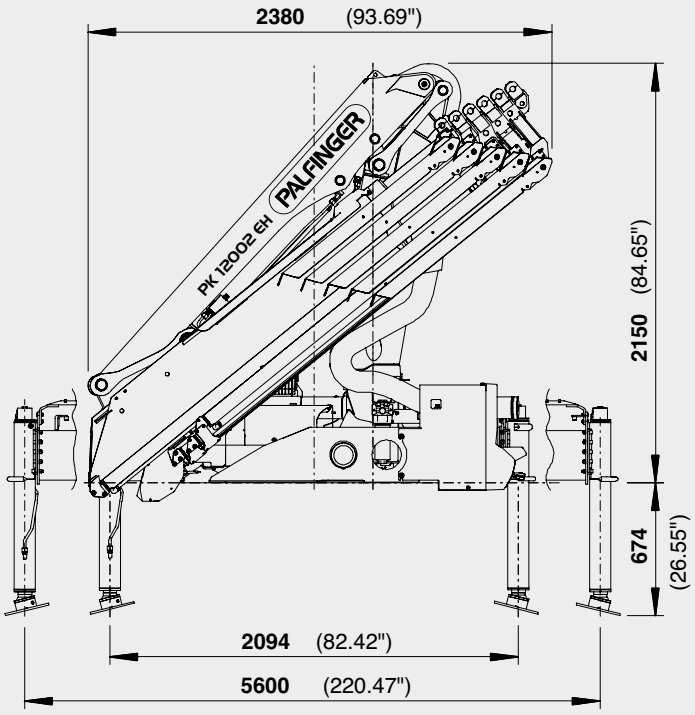
PERFECT DIMENSIONS

EXTENSION BOOM VARIATIONS



DIMENSIONS





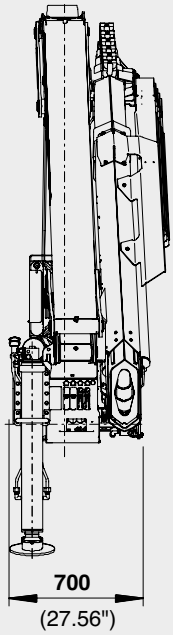
PK 12002 EH

TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD4/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
Stabiliser spread (std./max.)	3.2 m / 5.6 m	10' 6" / 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

PACKAGE MODEL

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



PALFINGER

WWW.PALFINGER.COM



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.

KP-H11/12002EM2+E/E 07/13, K 12/14, D 11/14