

PK 13001 / 14001 EH

PALFINGER

LIFETIME EXCELLENCE

**WELL-ENGINEERED HYDRAULIC- AND
ELECTRONIC SYSTEMS CREATE A RELI-
ABLE ASSISTANT**



LIFETIME EXCELLENCE

PALFINGER LOADER CRANES ARE OUTSTANDING WITH 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



OPEN TO A WIDE RANGE OF USES



- Maximum utilisation of the working range due to HPSC
- Additional applications with Single Link Plus
- High operator friendliness due to optional radio remote control
- Maximum reliability due to PAL 50
- Perfect appearance and the highest value retention due to KTL



FIRST-CLASS IN DESIGN AND PERFORMANCE

12 HIGHLIGHTS



SINGLE 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.



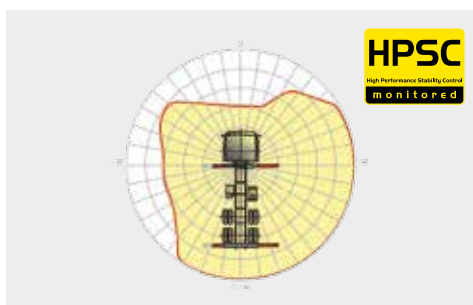
LOW-MAINTENANCE EXTENSION SYSTEM
REDUCES SERVICE TIME

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 allows the full lifting capacity of the crane to be used, even when 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 HIGH VALUE RETENTION

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



FUNCTIONAL DESIGN
PRACTICAL AND ATTRACTIVE

Robust plastic covers protect crane parts against dirt and damage. Improved looks and increased operational comfort – throughout the entire lifetime.



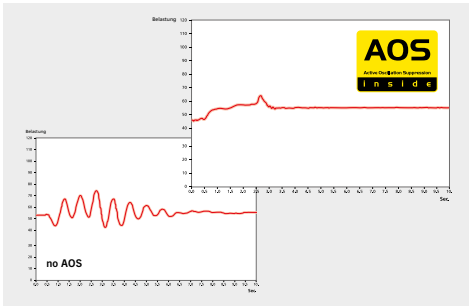
RADIO REMOTE CONTROL
DIALOGUE WITH THE OPERATOR

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 minimized. 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

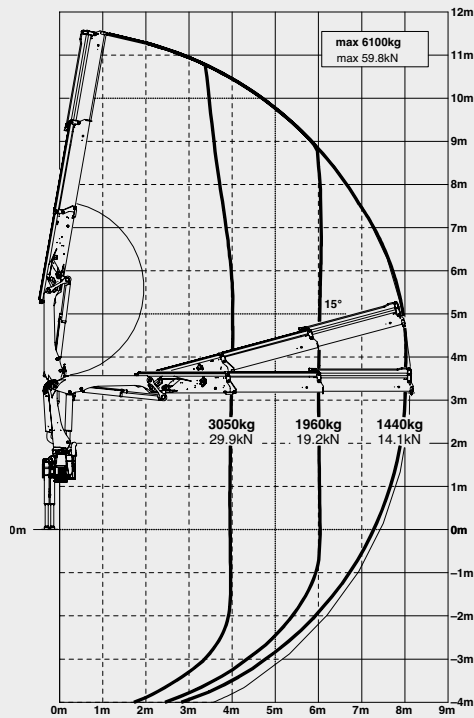
AOS
Active Oscillation Suppression
inside

* Optional features / country-specific equipment

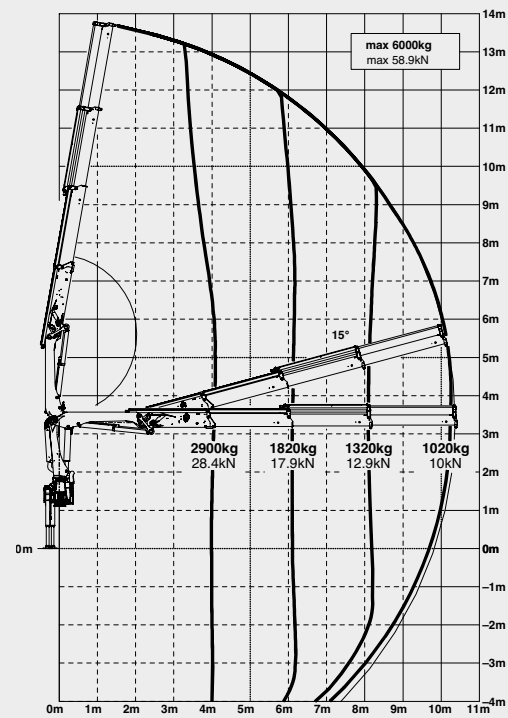
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HIGH PERFORMANCE

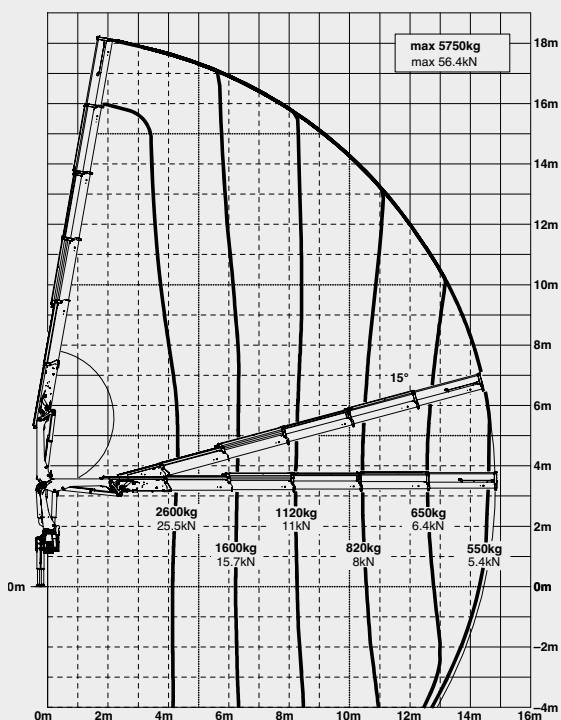
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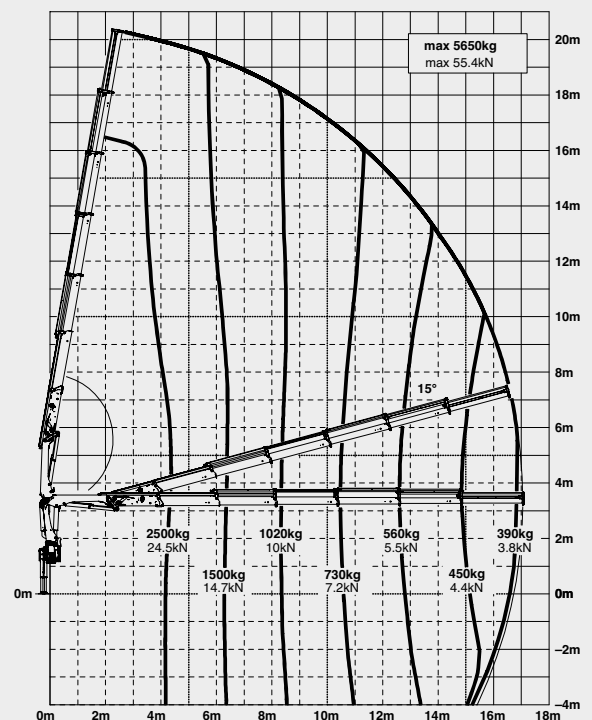
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D

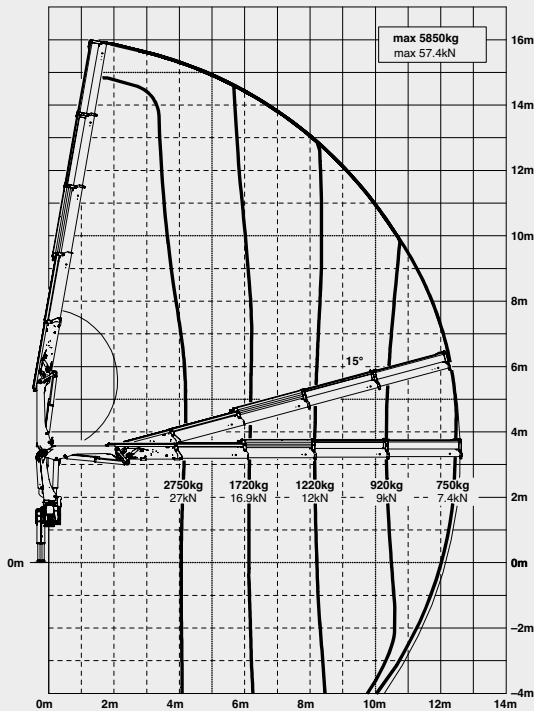


E



HIGH LIFTING POWER DUE TO SINGLE LINK PLUS

C



LIFTING CAPACITIES

A	max.	6100 kg	13440 lbs
	4.0 m	13' 1"	3050 kg
	6.0 m	19' 8"	1960 kg
	8.0 m	26' 3"	1440 kg

B	max.	6000 kg	13200 lbs
	4.1 m	13' 5"	2900 kg
	6.1 m	20' 0"	1820 kg
	8.1 m	26' 7"	1320 kg
	10.3 m	33' 10"	1020 kg
	12.5 m*	41' 0"	770 kg
	14.7 m*	48' 3"	590 kg

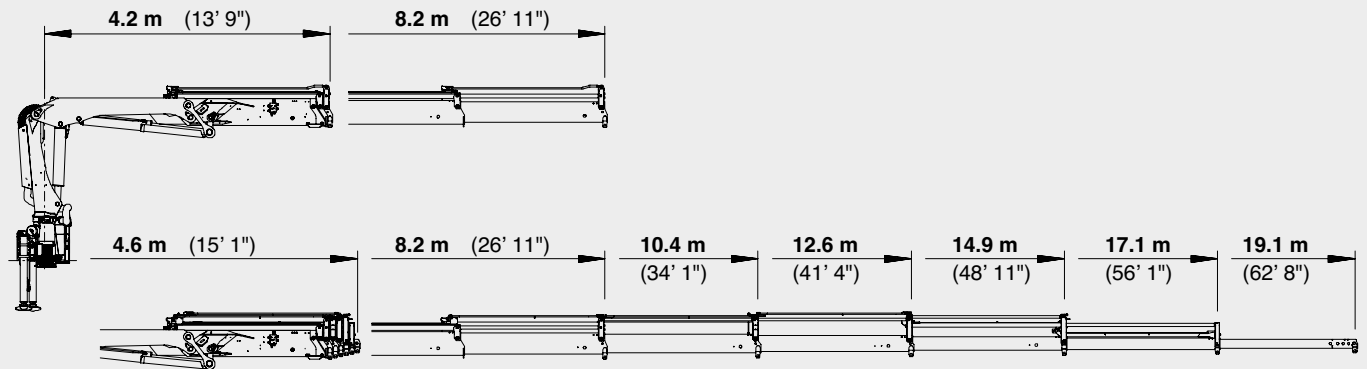
C	max.	5850 kg	12890 lbs
	4.2 m	13' 9"	2750 kg
	6.2 m	20' 4"	1720 kg
	8.2 m	26' 11"	1220 kg
	10.3 m	33' 10"	920 kg
	12.5 m	41' 0"	750 kg
	14.7 m*	48' 3"	580 kg
	16.9 m*	55' 5"	460 kg

D	max.	5750 kg	12670 lbs
	4.3 m	14' 1"	2600 kg
	6.3 m	20' 8"	1600 kg
	8.3 m	27' 3"	1120 kg
	10.4 m	34' 1"	820 kg
	12.6 m	41' 4"	650 kg
	14.7 m	48' 3"	550 kg
	16.9 m*	55' 5"	430 kg
	18.9 m*	62' 0"	350 kg

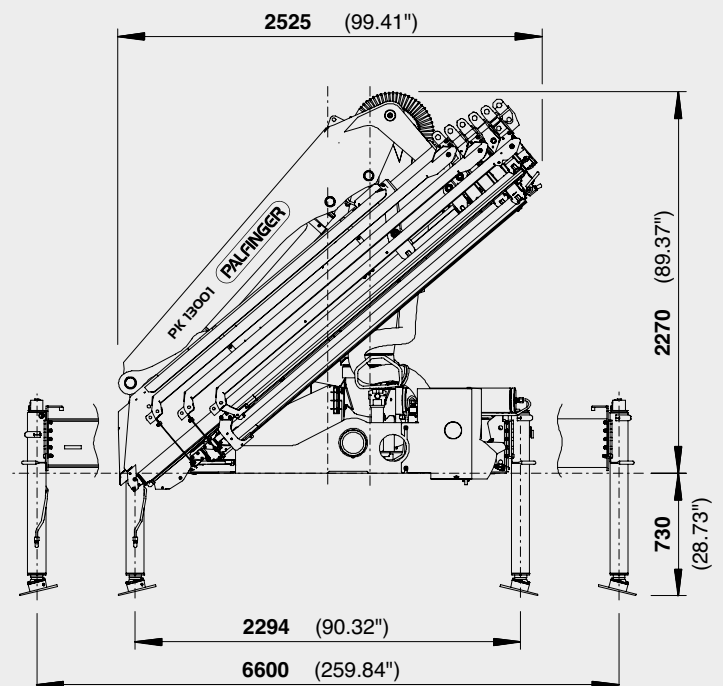
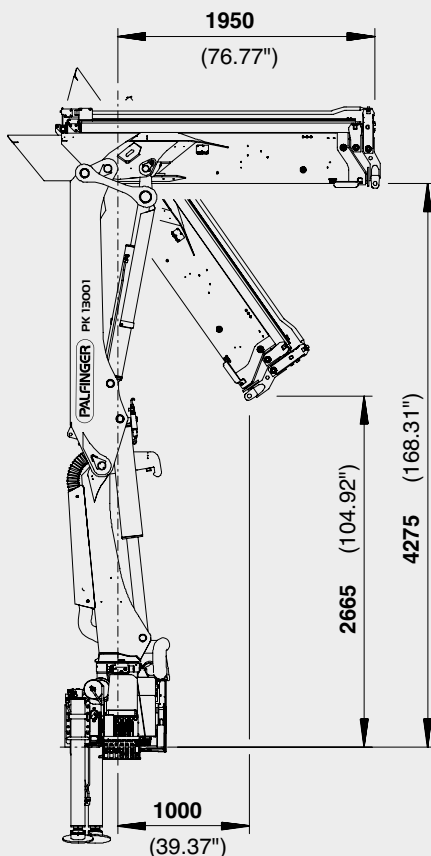
E	max.	5650 kg	12450 lbs
	4.4 m	14' 5"	3300 kg
	6.4 m	20' 12"	2050 kg
	8.4 m	27' 7"	1420 kg
	10.5 m	34' 5"	1040 kg
	12.7 m	41' 8"	810 kg
	14.8 m	48' 7"	660 kg
	17.0 m	55' 9"	570 kg
	19.0 m*	62' 4"	480 kg

PERFECT DIMENSIONS

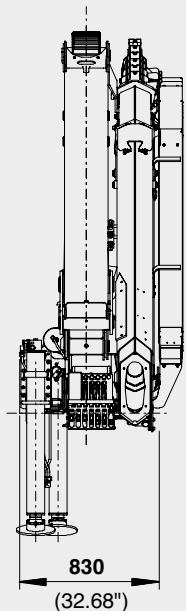
EXTENSION BOOM VARIATIONS



DIMENSIONS



PK 13001



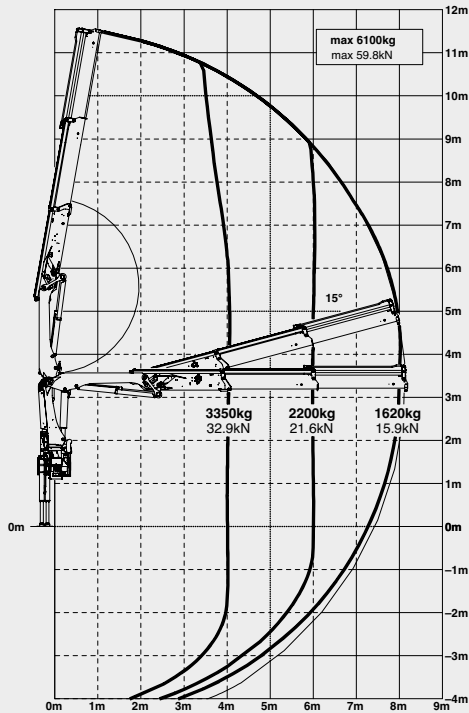
TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD4/B3)

Max. lifting moment	12.6 mt/124.0 kNm	91410 ft.lbs
Max. lifting capacity	6200 kg/60.8 kN	13670 lbs
Max. hydraulic outreach	17.1 m	56' 1"
Max. manual outreach	19.1 m	62' 8"
Slewing angle	420°	
Slewing torque	1.6 mt/15.7 kNm	11580 ft.lbs
Stabiliser spread (std./max.)	5.0 m/ 6.6 m	16' 5" / 21' 8"
Fitting space required (std.)	0.83 m	2' 9"
Width folded	2.50 m	8' 2"
Max. operating pressure	320 bar	4640 psi
Recommended pump capacity	from 35 l/min to 50 l/min	9.2 US gal./min 13.2 US gal./min
Dead weight (std.)	1724 kg	3800 lbs

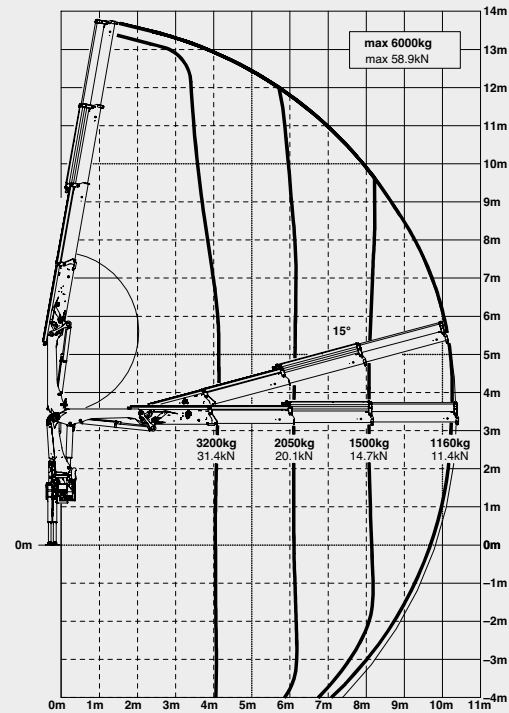
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HIGH PERFORMANCE

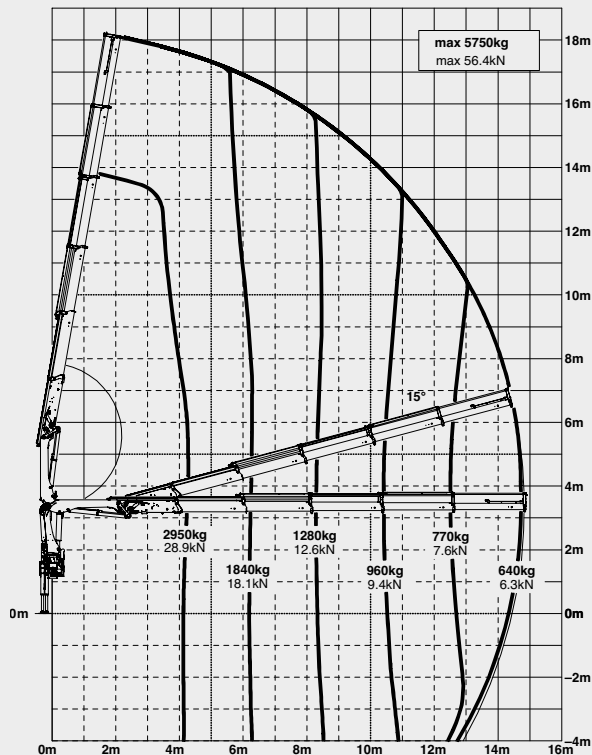
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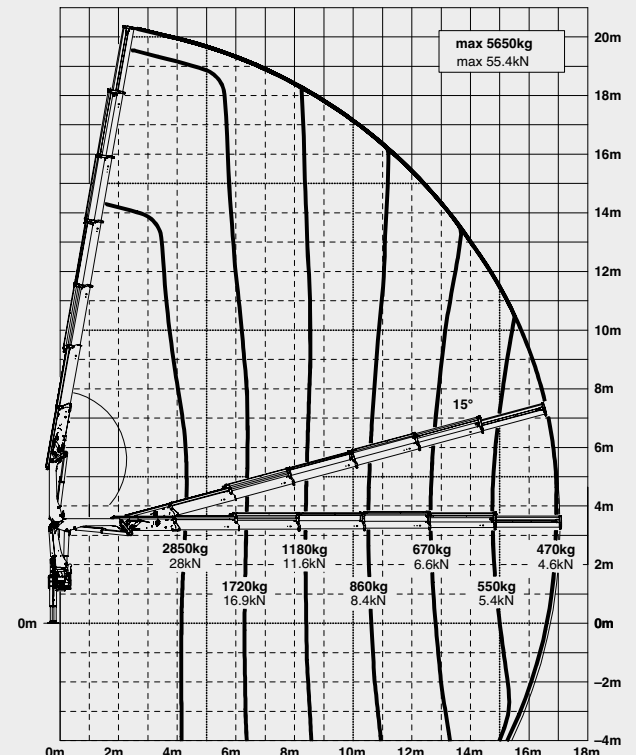
B



D

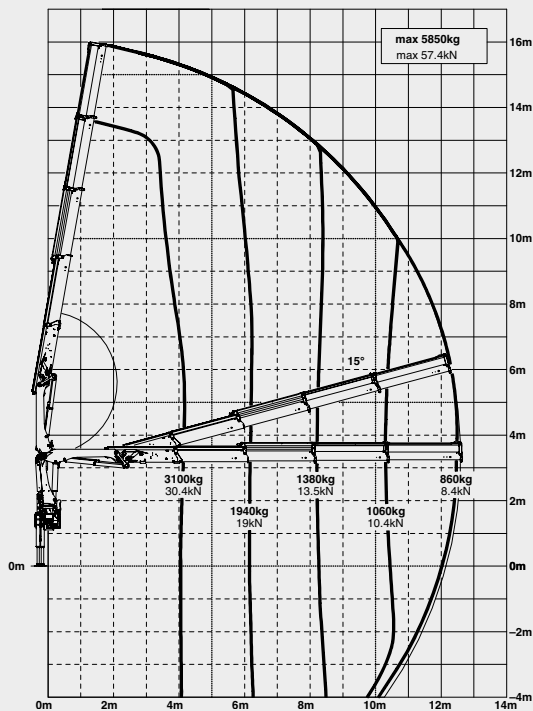


E



A PERFECT COMBINATION OF OUTREACH AND TECHNOLOGY

C



LIFTING CAPACITIES

A	max.	6100 kg	13440 lbs
	4.0 m	13' 1"	3350 kg
	6.0 m	19' 8"	2200 kg
	8.0 m	26' 3"	1620 kg

B	max.	6000 kg	13200 lbs
	4.1 m	13' 5"	3200 kg
	6.1 m	20' 0"	2050 kg
	8.1 m	26' 7"	1500 kg
	10.3 m	33' 10"	1160 kg
	12.5 m*	41' 0"	880 kg
	14.7 m*	48' 3"	960 kg

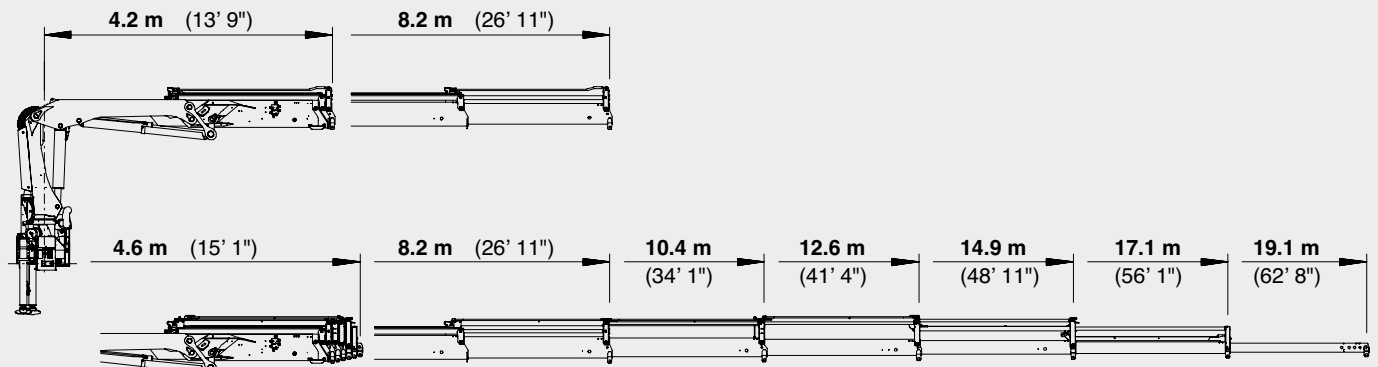
C	max.	5850 kg	12890 lbs
	4.2 m	13' 9"	3100 kg
	6.2 m	20' 4"	1940 kg
	8.2 m	26' 11"	1380 kg
	10.3 m	33' 10"	1060 kg
	12.5 m	41' 0"	860 kg
	14.6 m*	47' 11"	680 kg
	16.9 m*	55' 5"	540 kg

D	max.	5750 kg	12670 lbs
	4.3 m	14' 1"	2950 kg
	6.3 m	20' 8"	1840 kg
	8.3 m	27' 3"	1280 kg
	10.4 m	34' 1"	960 kg
	12.6 m	41' 4"	770 kg
	14.7 m	48' 3"	640 kg
	16.9 m*	55' 5"	520 kg
	18.9 m*	62' 0"	430 kg

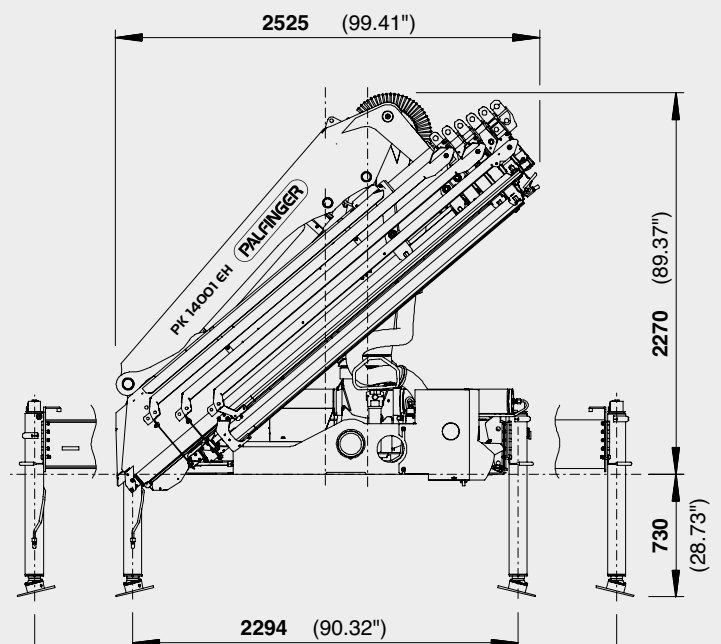
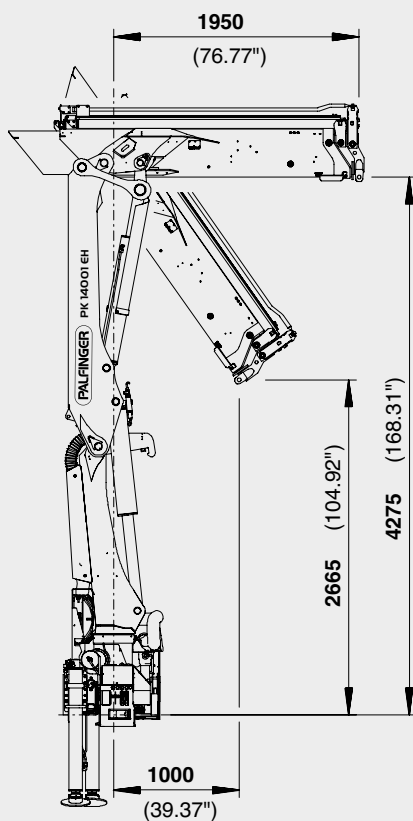
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	4.4 m	14' 5"	2850 kg
	6.4 m	20' 12"	1720 kg
	8.4 m	27' 7"	1180 kg
	10.5 m	34' 5"	860 kg
	12.7 m	41' 8"	670 kg
	14.8 m	48' 7"	550 kg
	17.0 m	55' 9"	470 kg
	19.0 m*	62' 4"	400 kg

PERFECT DIMENSIONS

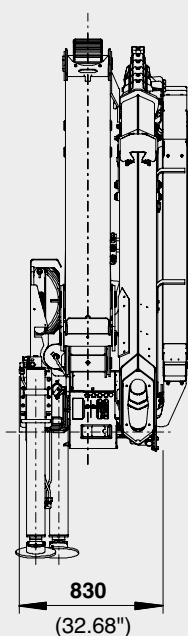
EXTENSION BOOM VARIATIONS



DIMENSIONS



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TECHNICAL SPECIFICATIONS (EN12999 HC1 HD4/B3)

Max. lifting moment	13.9 mt / 136.4 kNm	100520 ft.lbs
Max. lifting capacity	6200 kg / 60.8 kN	13670 lbs
Max. hydraulic outreach	17.1 m	56' 1"
Max. manual outreach	19.1 m	62' 8"
Slewing angle	420°	
Slewing torque	1.6 mt / 15.7 kNm	11580 ft.lbs
Stabiliser spread (std./max.)	5.0 m / 6.6 m	16' 5" / 21' 8"
Fitting space required (std.)	0.83 m	2' 9"
Width folded	2.50 m	8' 2"
Max. operating pressure	350 bar	5075 psi
Recommended pump capacity	from 50 l/min to 70 l/min	13.2 US gal./min 18.5 US gal./min
Dead weight (std.)	1749 kg	3860 lbs

PACKAGE MODEL

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

