

PK 19502 / 22002 EH

PALFINGER

LIFETIME EXCELLENCE

ITS COMPACT DIMENSIONS AND LOW DEAD WEIGHT ALLOWS AN OPTIMISED MOUNTING CONCEPT



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



MAXIMUM PRECISION AND SAFETY





- Maximum utilisation of the working range due to HPSC
- Increased operating times due to low-maintenance extension system
- High operator friendliness due to optional radio remote control
- Maximum precision and safety thanks to optional AOS
- Additional applications with Power Link Plus



FIRST-CLASS 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.



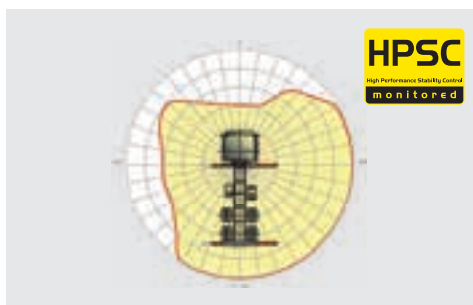
LOW-MAINTENANCE EXTENSION SYSTEM
REDUCES SERVICE TIME

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.



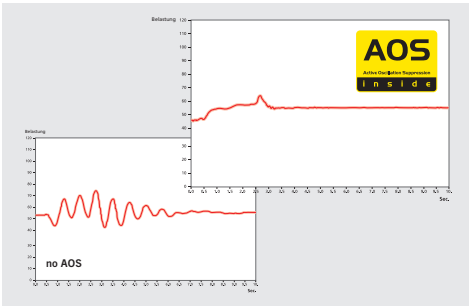
RADIO REMOTE CONTROL
DIALOGUE WITH THE OPERATOR

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 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.



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

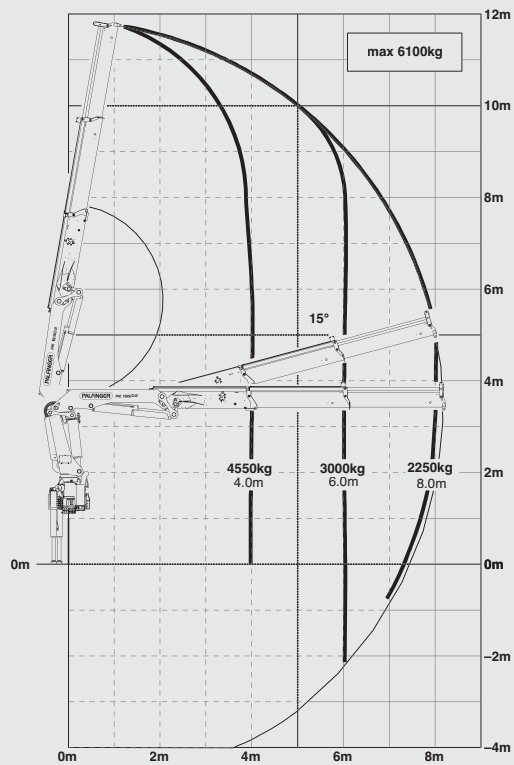
AOS
Active Oscillation Suppression
inside

* Optional features / country-specific equipment

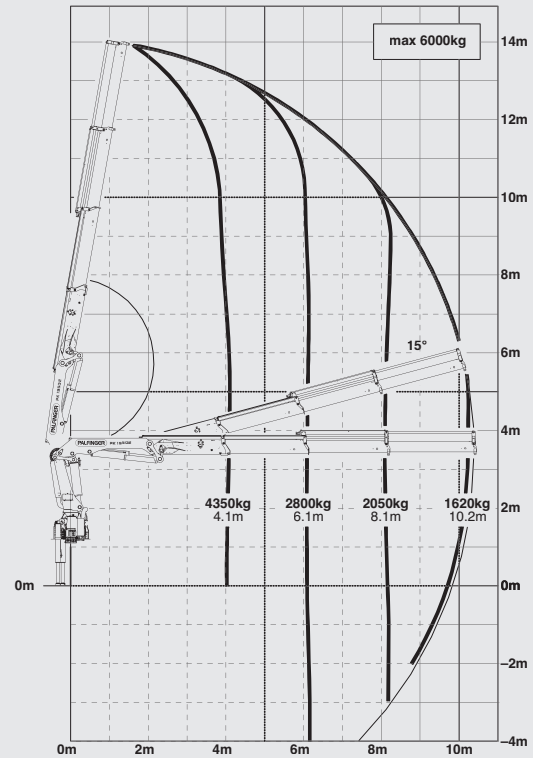
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HIGH PERFORMANCE

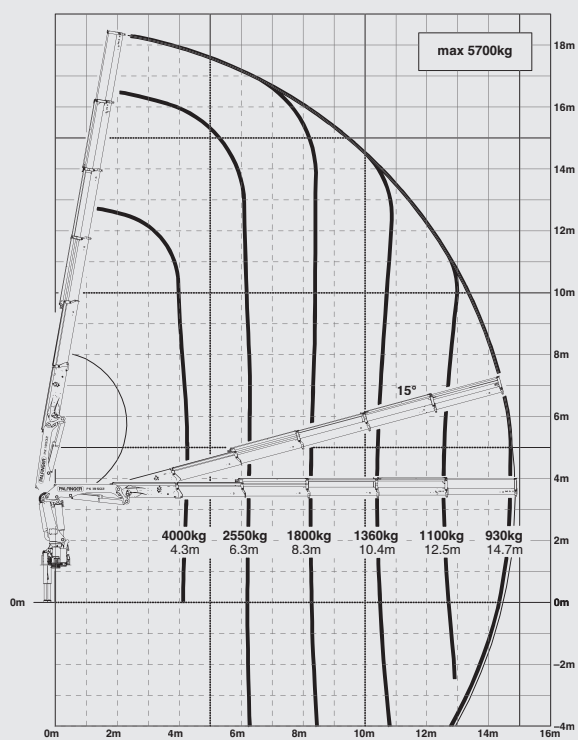
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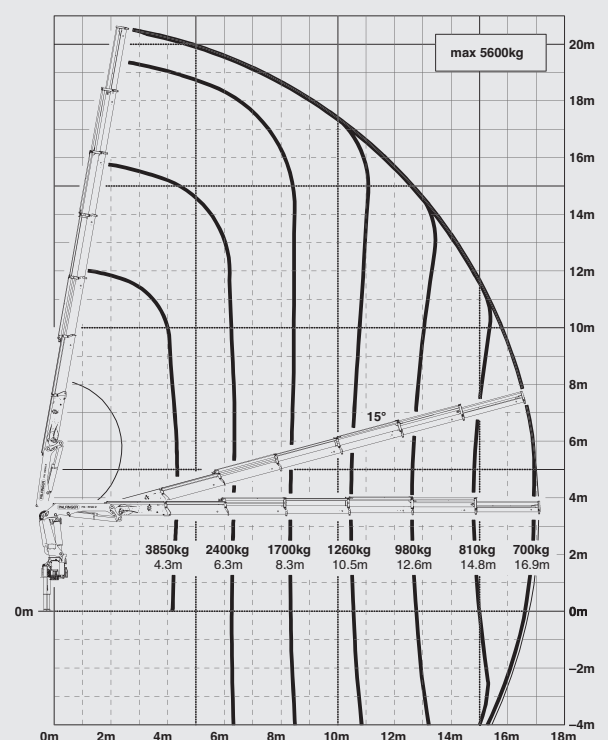
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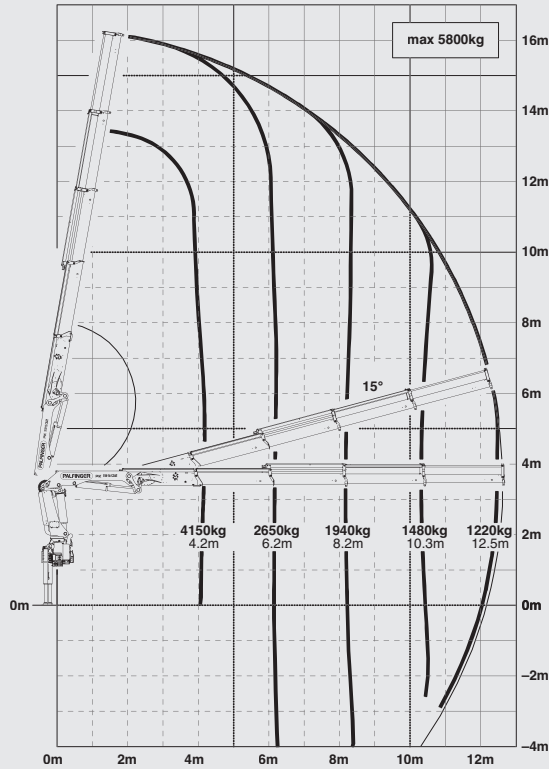


E



TECHNICALLY MATURE APPLICATION TECHNOLOGY

C



LIFTING CAPACITIES

A	max.	6100 kg	13440 lbs
	4.0 m	13' 1"	4550 kg
	6.0 m	19' 8"	3000 kg
	8.0 m	26' 3"	2250 kg

B	max.	5950 kg	13100 lbs
	4.1 m	13' 5"	4350 kg
	6.1 m	20' 0"	2800 kg
	8.1 m	26' 7"	2050 kg
	10.2 m	33' 6"	1620 kg
	12.5 m*	41' 0"	1260 kg
	14.7 m*	48' 3"	1020 kg

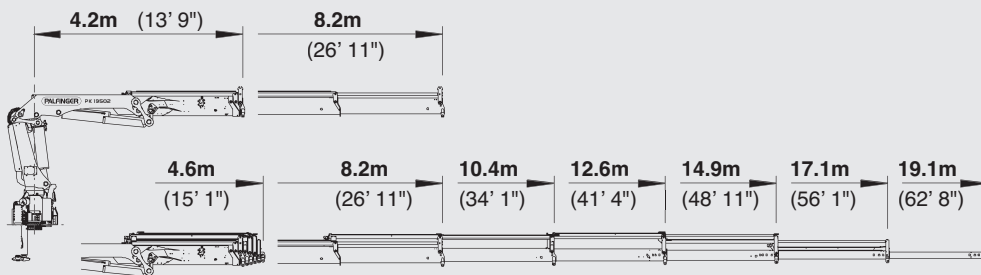
C	max.	5800 kg	12780 lbs
	4.2 m	13' 9"	4150 kg
	6.2 m	20' 4"	2650 kg
	8.2 m	26' 11"	1940 kg
	10.3 m	33' 10"	1480 kg
	12.5 m	41' 0"	1220 kg
	14.7 m*	48' 3"	980 kg
	16.8 m*	55' 1"	810 kg

D	max.	5700 kg	12560 lbs
	4.3 m	14' 1"	4000 kg
	6.3 m	20' 8"	2550 kg
	8.3 m	27' 3"	1800 kg
	10.4 m	34' 1"	1360 kg
	12.5 m	41' 0"	1100 kg
	14.7 m	48' 3"	930 kg
	16.9 m*	55' 5"	760 kg
	18.9 m*	62' 0"	620 kg

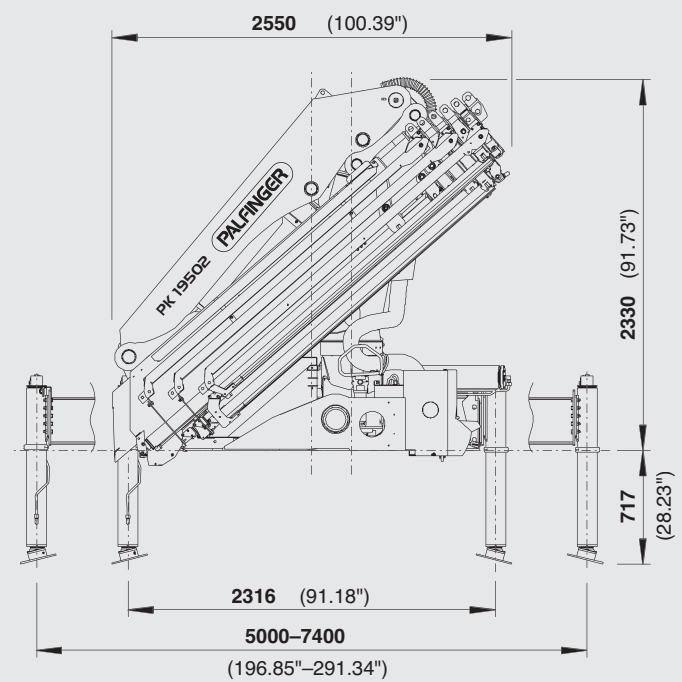
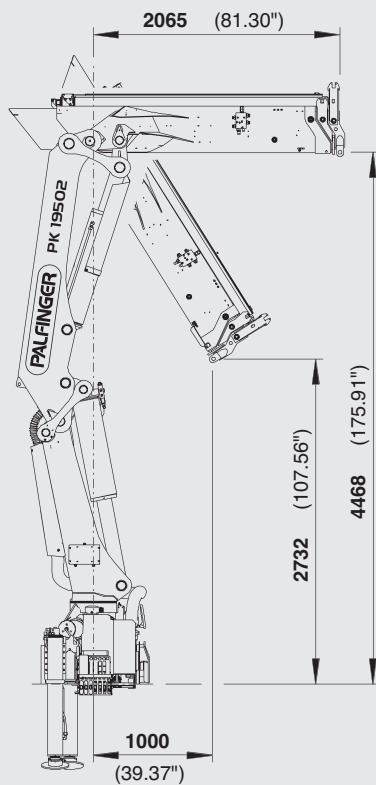
E	max.	5500 kg	12230 lbs
	4.3 m	14' 1"	3850 kg
	6.3 m	20' 8"	2400 kg
	8.3 m	27' 3"	1700 kg
	10.5 m	34' 5"	1260 kg
	12.6 m	41' 4"	980 kg
	14.8 m	48' 7"	810 kg
	16.9 m	55' 5"	700 kg
	18.9 m*	62' 0"	590 kg

PERFECT DIMENSIONS

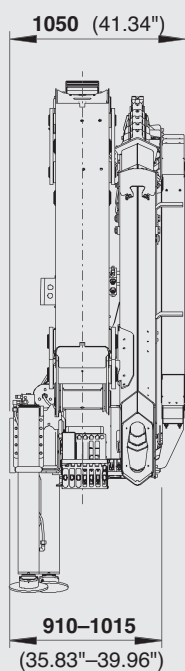
EXTENSION BOOM VARIATIONS



DIMENSIONS



PK 19502



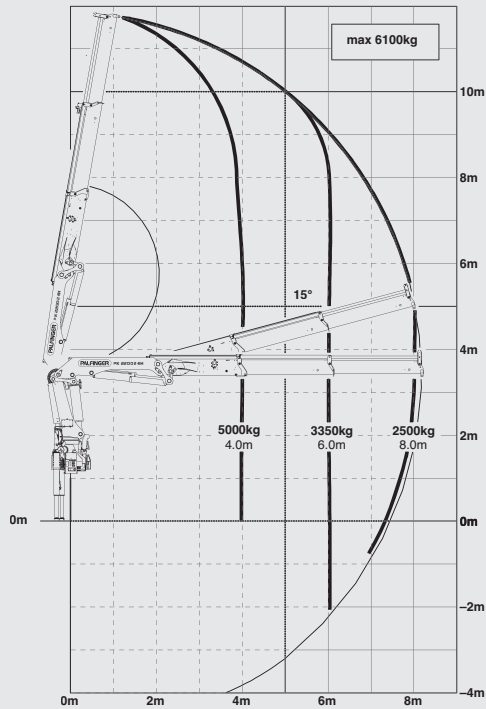
TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD4/B3)

Max. lifting moment	18.8 mt/184.0 kNm	135700 ft.lbs
Max. lifting capacity	6100 kg/59.8 kN	13440 lbs
Max. hydraulic outreach	17.1 m	56' 1"
Max. manual outreach	19.1 m	62' 8"
Slewing angle	400°	
Slewing torque	2.3 mt/22.6 kNm	16640 ft.lbs
Stabiliser spread (std./max.)	5.0 m / 7.4 m	16' 5" / 24' 3"
Fitting space required (std.)	0.91 m	2' 12"
Width folded	2.55 m	8' 4"
Max. operating pressure	320 bar	4640 psi
Recommended pump capacity	from 45 l/min to 65 l/min	11.9 US gal./min 17.2 US gal./min
Dead weight (std.)	2391 kg	5270 lbs

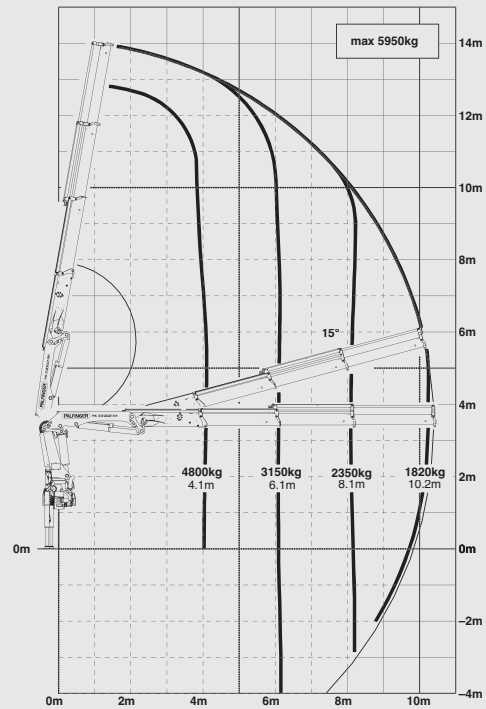
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HIGH PERFORMANCE

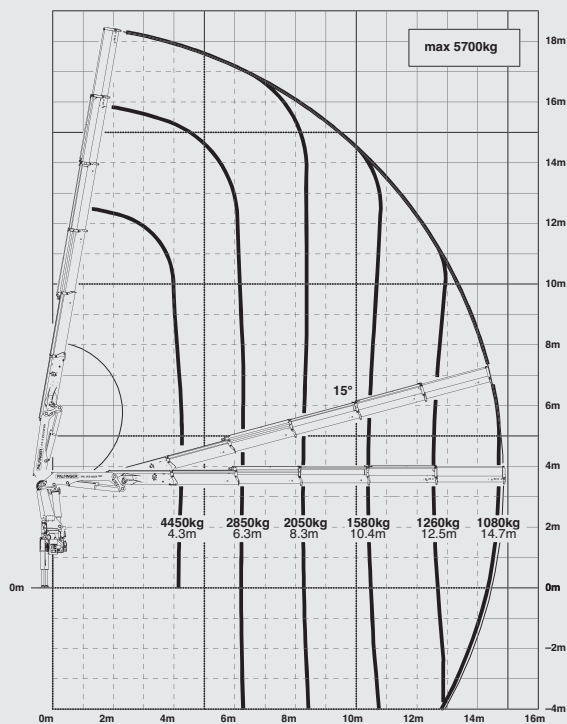
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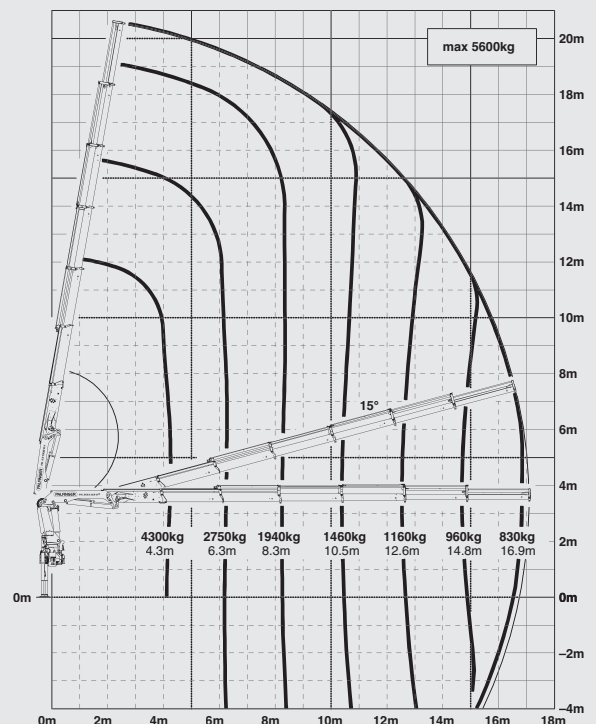
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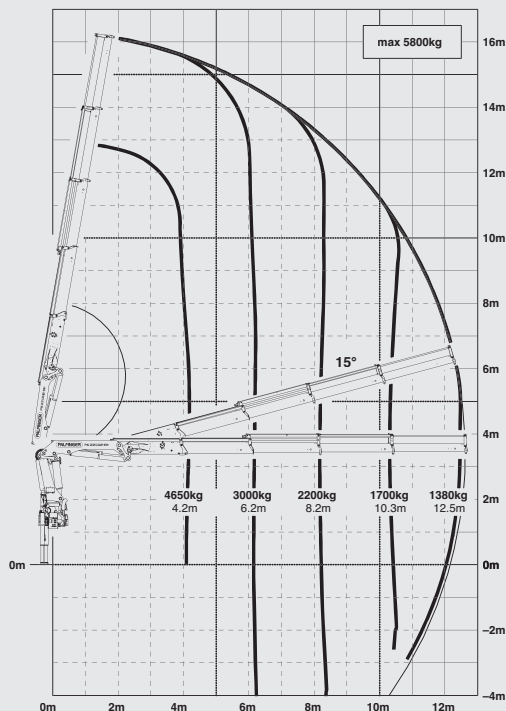


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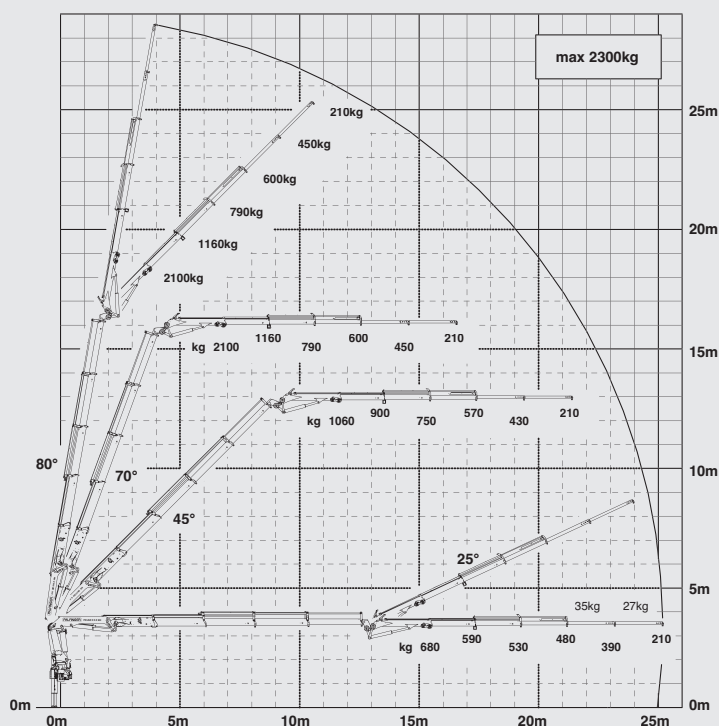


POWER LINK PLUS AS STANDARD

C



C PJ060B JV2



LIFTING CAPACITIES

A	max.		6100 kg	13440 lbs
	4.0 m	13' 1"	5000 kg	11100 lbs
	6.0 m	19' 8"	3350 kg	7400 lbs
	8.0 m	26' 3"	2500 kg	5500 lbs

B	max.		5950 kg	13100 lbs
	4.1 m	13' 5"	4800 kg	10600 lbs
	6.1 m	20' 0"	3150 kg	7000 lbs
	8.1 m	26' 7"	2350 kg	5100 lbs
	10.2 m	33' 6"	1820 kg	4050 lbs
	12.5 m*	41' 0"	1440 kg	3150 lbs
	14.7 m*	48' 3"	1160 kg	2550 lbs

C

max.		5800 kg	12780 lbs
4.2 m	13' 9"	4650 kg	10200 lbs
6.2 m	20' 4"	3000 kg	6600 lbs
8.2 m	26' 11"	2200 kg	4850 lbs
10.3 m	33' 10"	1700 kg	3750 lbs
12.5 m	41' 0"	1380 kg	3050 lbs
14.7 m*	48' 3"	1120 kg	2500 lbs
16.8 m*	55' 1"	940 kg	2050 lbs

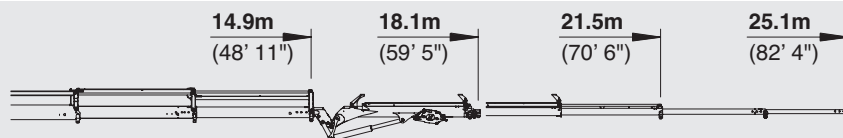
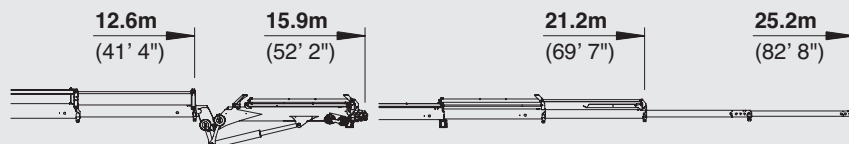
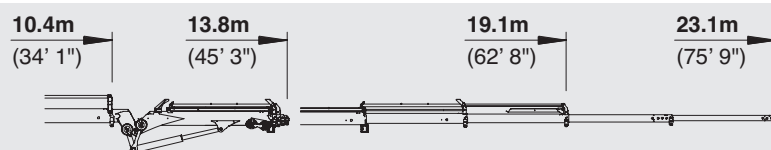
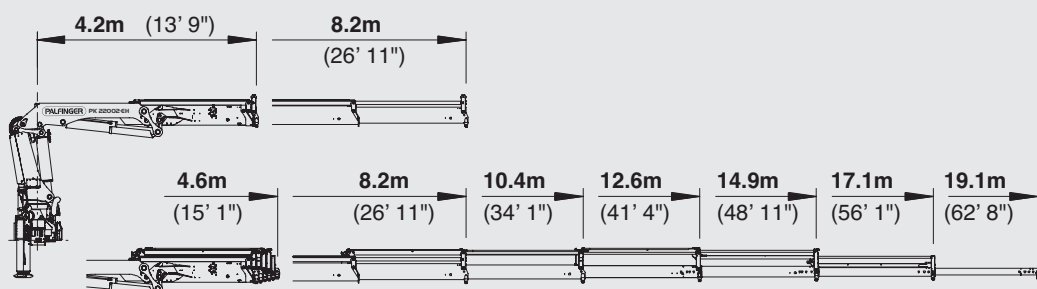
D

max.		5700 kg	12560 lbs
4.3 m	14' 1"	4450 kg	9800 lbs
6.3 m	20' 8"	2850 kg	6300 lbs
8.3 m	27' 3"	2050 kg	4550 lbs
10.4 m	34' 1"	1580 kg	3450 lbs
12.5 m	41' 0"	1260 kg	2800 lbs
14.7 m	48' 3"	1080 kg	2350 lbs
16.9 m*	55' 5"	890 kg	1960 lbs
18.9 m*	62' 0"	620 kg	1380 lbs

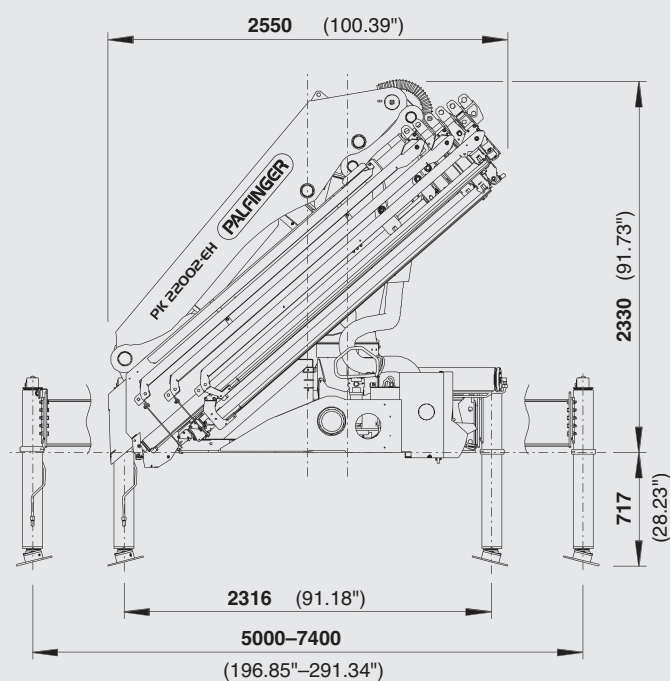
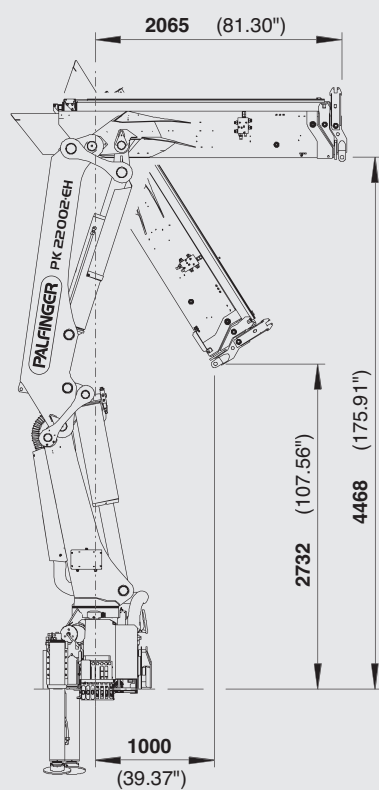
E	max.		5600 kg	12340 lbs
	4.3 m	14' 1"	4300 kg	9500 lbs
	6.3 m	20' 8"	2750 kg	6000 lbs
	8.3 m	27' 3"	1940 kg	4300 lbs
	10.5 m	34' 5"	1460 kg	3200 lbs
	12.6 m	41' 4"	1160 kg	2550 lbs
	14.8 m	48' 7"	960 kg	2100 lbs
	16.9 m	55' 5"	830 kg	1820 lbs
	18.9 m*	62' 0"	620 kg	1380 lbs

PERFECT DIMENSIONS

EXTENSION BOOM VARIATIONS



DIMENSIONS

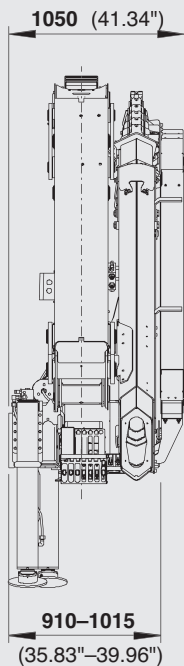


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B PJ060B JV2

C PJ060B JV2

D PJ040A JV2



TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD4/B3)

Max. lifting moment	20.9 mt/205.0 kNm	151190 ft.lbs
Max. lifting capacity	6100 kg/59.8 kN	13440 lbs
Max. hydraulic outreach	17.1 m	56' 1"
Max. manual outreach	19.1 m	62' 8"
max. outreach (with fly-jib)	25.2	82' 8"
Slewing angle	400°	
Slewing torque	2.3 mt/22.6 kNm	16640 ft.lbs
Stabiliser spread (std./max.)	5.0 m / 7.4 m	16' 5" / 24' 3"
Fitting space required (std.)	0.91 m	2' 12"
Width folded	2.55 m	8' 4"
Max. operating pressure	350 bar	5075 psi
Recommended pump capacity	from 65 l/min	17.2 US gal./min
	to 90 l/min	23.8 US gal./min
Dead weight (std.)	2391 kg	5270 lbs

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

