

PK 23502 / 26002 EH

PALFINGER

LIFETIME EXCELLENCE

THE E-HPLS AND THE ENORMOUS REACH OPENS UP A WIDE RANGE OF APPLICATIONS



Courtesy of Crane.Market

LIFETIME EXCELLENCE

PALFINGER LOADER CRANES ARE CONVINCING DUE TO 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



PERFECT IN COMFORT AND SAFETY





- More efficiency with fly jib due to DPS Plus
- Perfect appearance and the highest value retention thanks to KTL
- Additional applications with Power Link Plus
- Increased operating times due to low-maintenance extension system
- High operator friendliness thanks to optional radio remote control



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.



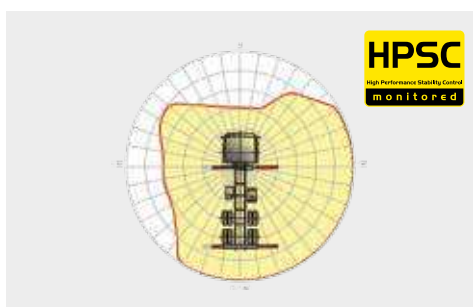
LOW-MAINTENANCE EXTENSION SYSTEM
REDUCES SERVICE TIME

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.



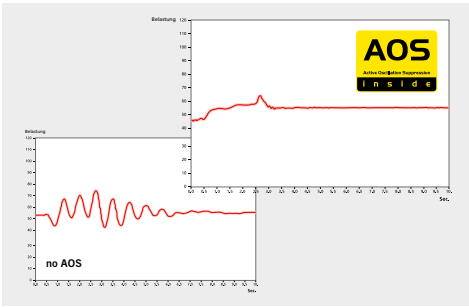
RADIO REMOTE CONTROL
DIALOGUE WITH THE OPERATOR

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 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.



DPS PLUS
MORE EFFICIENT FLY-JIB OPERATION

The Dual Power System allows multiple uses of the crane both for large outreaches as well as for heavy load operation.

KTL
protected

Paltronic 50
controlled

RRC
Radio Remote Control
operated

HPSC
High Performance Stability Control
monitored

AOS
Active Oscillation Suppression
inside

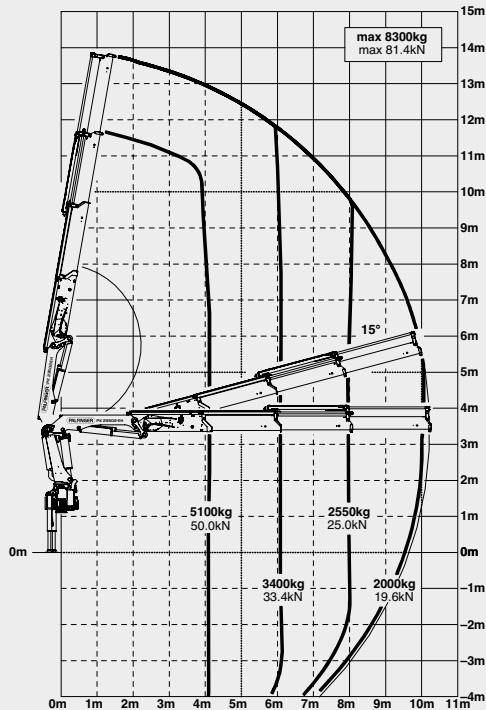
DPS plus
Dual Power System
activated

* Optional features / country-specific equipment

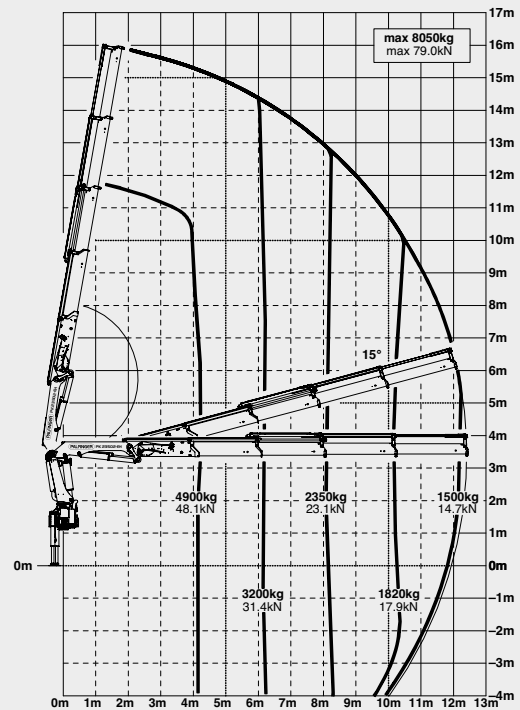
PK 23502

HIGH PERFORMANCE

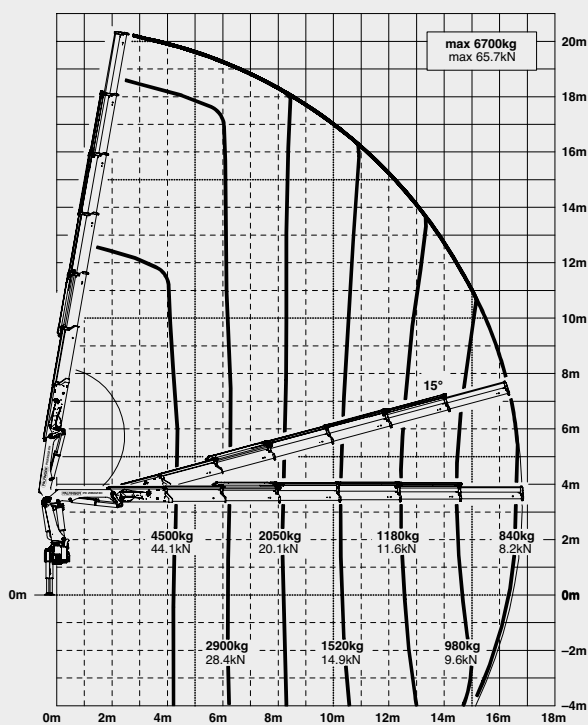
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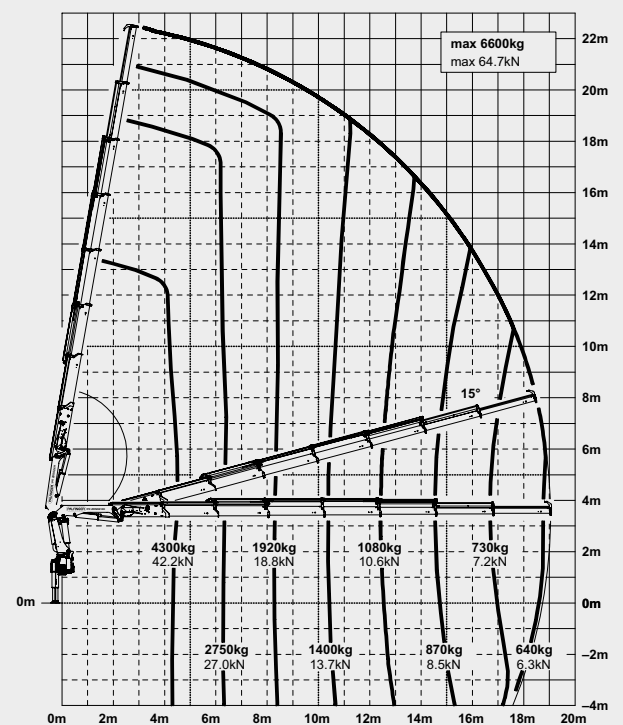
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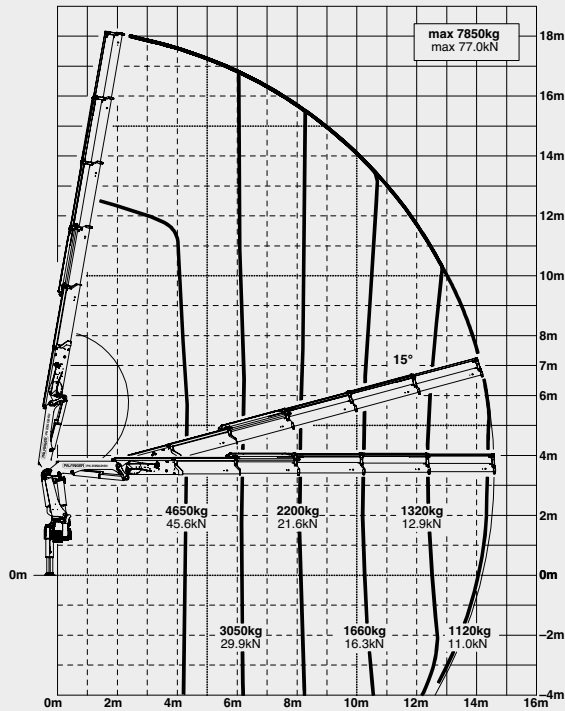


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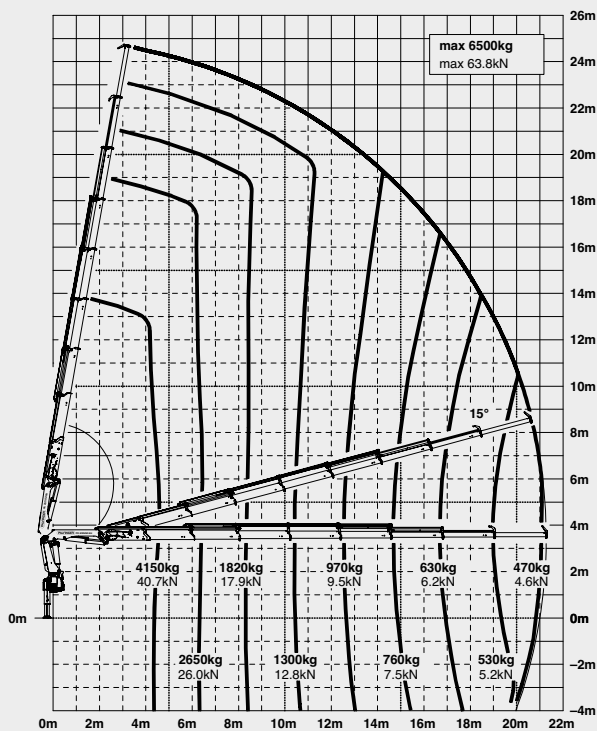


CUSTOMIZED FOR OPTIMIZED MOUNTING

D



G



LIFTING CAPACITIES

A	max.	8500 kg	83,4 kN
	4.1 m	13' 5"	5300 kg
	6.0 m	19' 8"	3600 kg
	7.9 m	25' 11"	2750 kg

B	max.	8300 kg	81,4 kN
	4.2 m	13' 9"	5100 kg
	6.1 m	20' 0"	3400 kg
	8.0 m	26' 3"	2550 kg
	10.1 m	33' 2"	2000 kg

C	max.	8050 kg	79,0 kN
	4.2 m	13' 9"	4900 kg
	6.1 m	20' 0"	3200 kg
	8.0 m	26' 3"	2350 kg
	10.1 m	33' 2"	1820 kg
	12.2 m	40' 0"	1500 kg
	14.4 m*	47' 3"	1200 kg
	16.6 m*	54' 6"	960 kg

D	max.	7850 kg	77,0 kN
	4.3 m	14' 1"	4650 kg
	6.2 m	20' 4"	3050 kg
	8.1 m	26' 7"	2200 kg
	10.2 m	33' 6"	1660 kg
	12.3 m	40' 4"	1320 kg
	14.4 m	47' 3"	1120 kg
	16.7 m*	54' 9"	890 kg
	18.8 m*	61' 8"	730 kg

E	max.	6700 kg	65,7 kN
	4.4 m	14' 5"	4500 kg
	6.3 m	20' 8"	2900 kg
	8.2 m	26' 11"	2050 kg
	10.3 m	33' 10"	1520 kg
	12.4 m	40' 8"	1180 kg
	14.5 m	47' 7"	980 kg
	16.7 m	54' 9"	840 kg
	18.8 m*	61' 8"	680 kg
	21.0 m*	68' 11"	570 kg

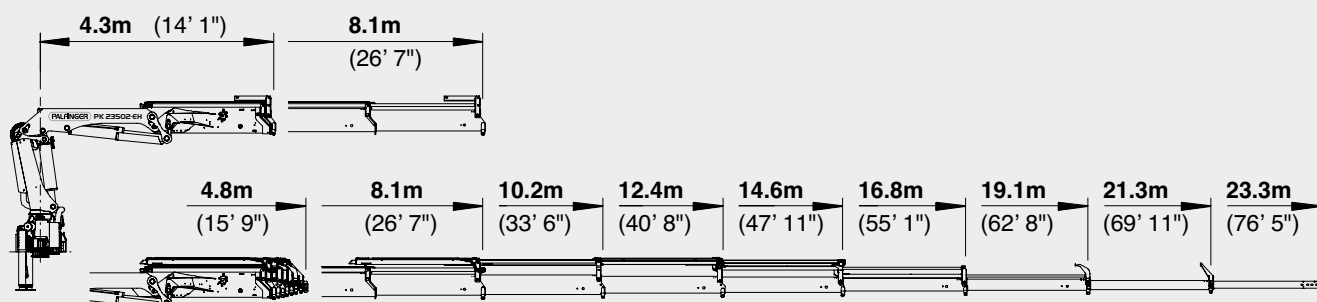
F	max.	6600 kg	64,7 kN
	4.5 m	14' 9"	4300 kg
	6.4 m	20' 12"	2750 kg
	8.3 m	27' 3"	1920 kg
	10.4 m	34' 1"	1400 kg
	12.5 m	41' 0"	1080 kg
	14.6 m	47' 11"	870 kg
	16.7 m	54' 9"	730 kg
	18.9 m	62' 0"	640 kg
	21.1 m*	69' 3"	530 kg
	23.1 m*	75' 9"	450 kg

G	max.	6500 kg	63,8 kN
	4.6 m	15' 1"	4150 kg
	6.5 m	21' 4"	2650 kg
	8.4 m	27' 7"	1820 kg
	10.5 m	34' 5"	1300 kg
	12.6 m	41' 4"	970 kg
	14.7 m	48' 3"	760 kg
	16.8 m	55' 1"	630 kg
	19.0 m	62' 4"	530 kg
	21.1 m	69' 3"	470 kg
	23.1 m*	75' 9"	400 kg

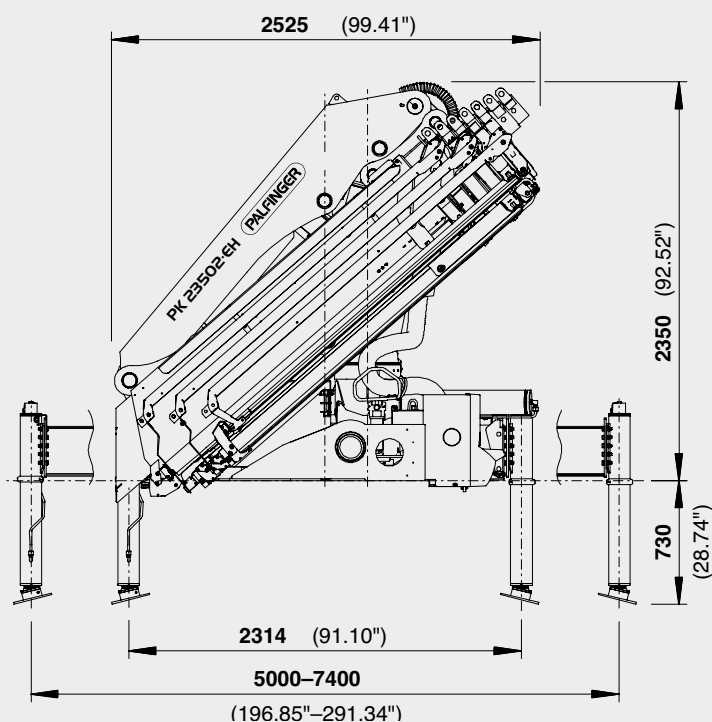
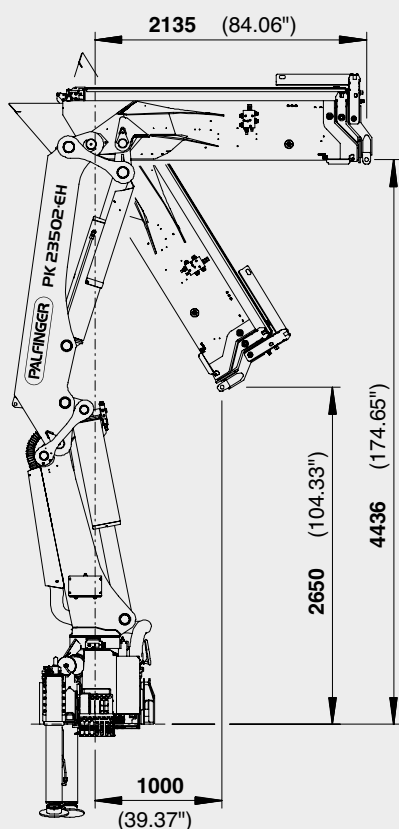
*mechanical extension

PERFECT DIMENSIONS

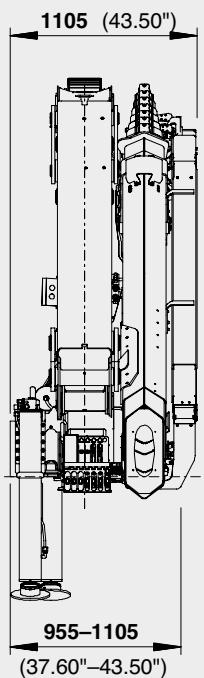
EXTENSION BOOM VARIATIONS



DIMENSIONS



PK 23502



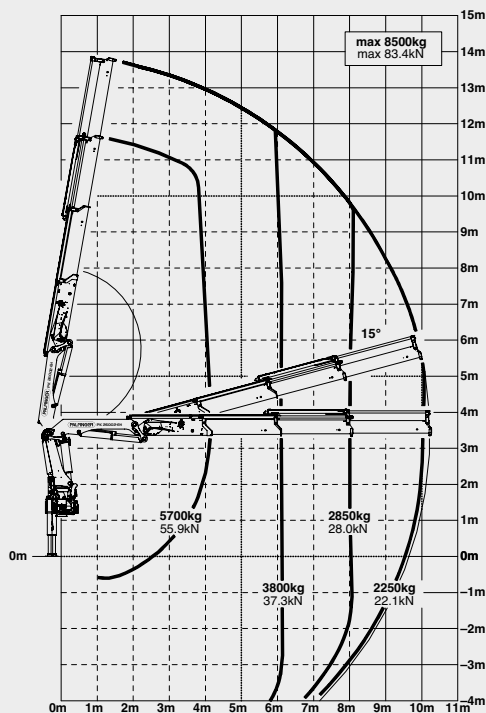
TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD4/B3)

Max. lifting moment	22.4 mt/219.7 kNm	162030 ft.lbs
Max. lifting capacity	8500 kg/83.4 kN	18740 lbs
Max. hydraulic outreach	21.3 m	69' 11"
Max. manual outreach	23.3 m	76' 5"
Slewing angle	400°	
Slewing torque	2.8 mt/27.5 kNm	20260 ft.lbs
Stabiliser spread (std./max.)	5.0 m / 7.4 m	16' 5" / 24' 3"
Fitting space required (std.)	0.96 m	3' 2"
Width folded	2.53 m	8' 3"
Max. operating pressure	320 bar	4640 psi
Recommended pump capacity	from 50 l/min to 70 l/min	13.2 US gal./min 19.8 US gal./min
Dead weight (std.)	2583 kg	5690 lbs

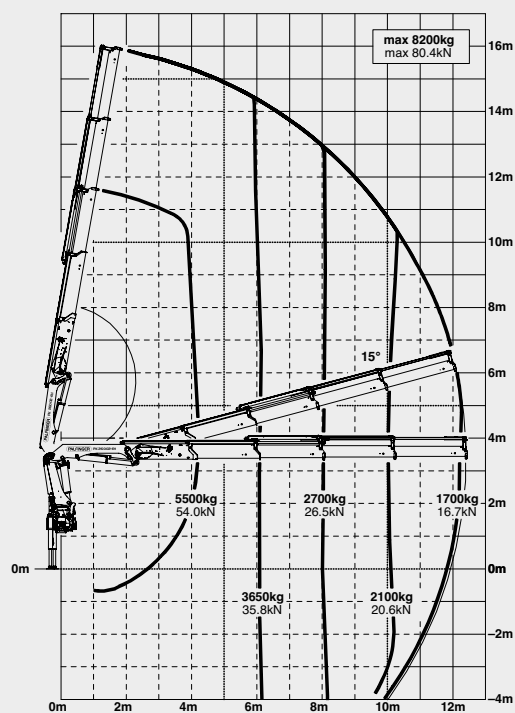
PK 26002 EH

HIGH PERFORMANCE

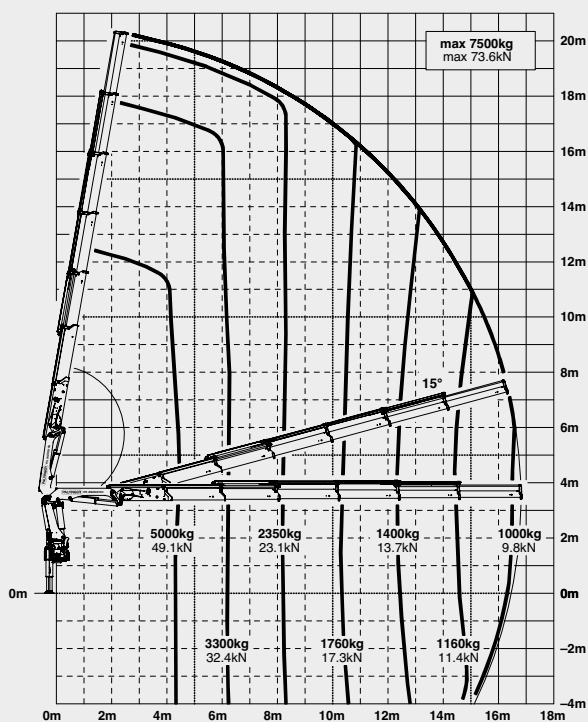
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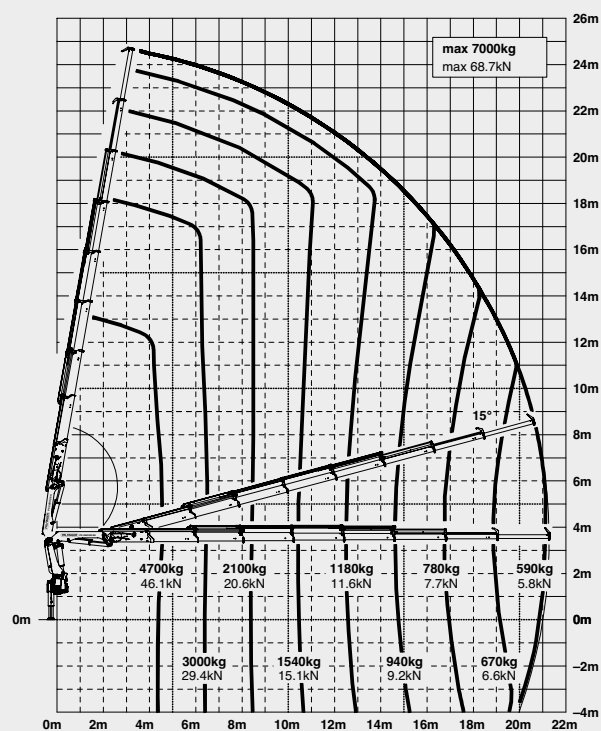
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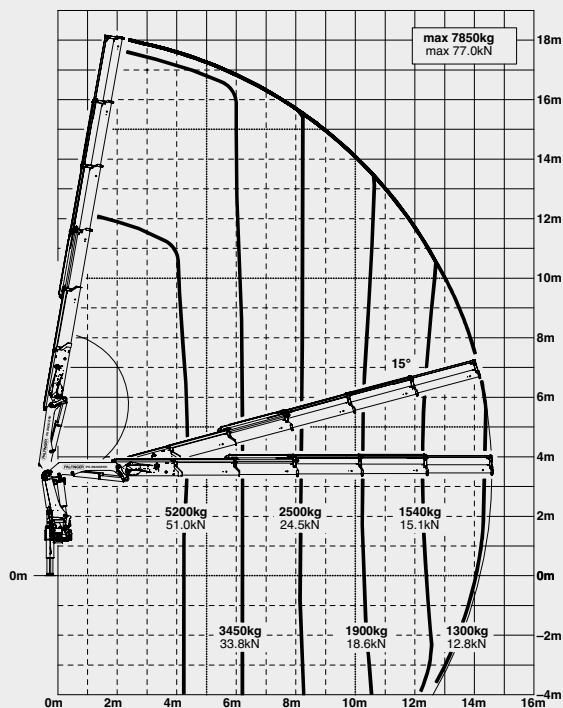


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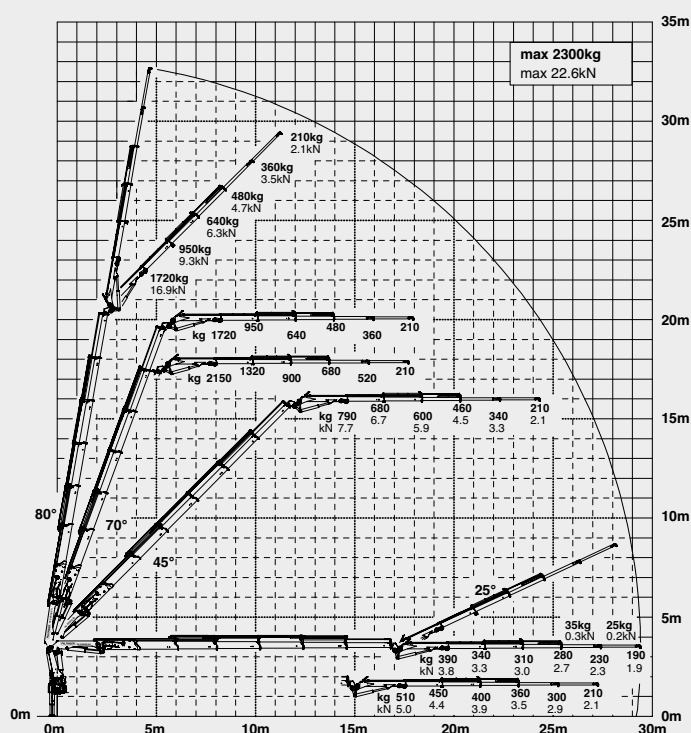


EQUIPMENT FOR EXACTING DEMANDS

D



E PJ 060B JV2 DPS PLUS



LIFTING CAPACITIES

A	max.	8900 kg	87,3 kN
	4.1 m 13' 5"	5900 kg	13100 lbs
	6.0 m 19' 8"	4000 kg	8900 lbs
	7.9 m 25' 11"	3050 kg	6700 lbs

B	max.	8500 kg	83,4 kN
	4.2 m	13' 9"	5700 kg
	6.1 m	20' 0"	3800 kg
	8.0 m	26' 3"	2850 kg
	10.1 m	33' 2"	2250 kg
			12500 lbs
			8400 lbs
			6300 lbs
			5000 lbs

C

max.		8200 kg	80,4 kN
4.2 m	13' 9"	5500 kg	12000 lbs
6.1 m	20' 0"	3650 kg	8000 lbs
8.0 m	26' 3"	2700 kg	5900 lbs
10.1 m	33' 2"	2100 kg	4550 lbs
12.2 m	40' 0"	1700 kg	3750 lbs
14.4 m*	47' 3"	1380 kg	3020 lbs
16.6 m*	54' 6"	1120 kg	2450 lbs

D	max.	7850 kg	77,0 kN
	4.3 m	14' 1"	5200 kg
	6.2 m	20' 4"	3450 kg
	8.1 m	26' 7"	2500 kg
	10.2 m	33' 6"	1900 kg
	12.3 m	40' 4"	1540 kg
	14.4 m	47' 3"	1300 kg
	16.7 m*	54' 9"	1040 kg
	18.8 m*	61' 8"	870 kg

E	max.		7500 kg	73,6 kN
	4.4 m	14' 5"	5000 kg	11100 lbs
	6.3 m	20' 8"	3300 kg	7200 lbs
	8.2 m	26' 11"	2350 kg	5200 lbs
	10.3 m	33' 10"	1760 kg	2900 lbs
	12.4 m	40' 8"	1400 kg	3050 lbs
	14.5 m	47' 7"	1160 kg	2550 lbs
	16.7 m	54' 9"	1000 kg	2200 lbs
	18.8 m*	61' 8"	820 kg	1810 lbs
	21.0 m*	68' 11"	690 kg	1520 lbs

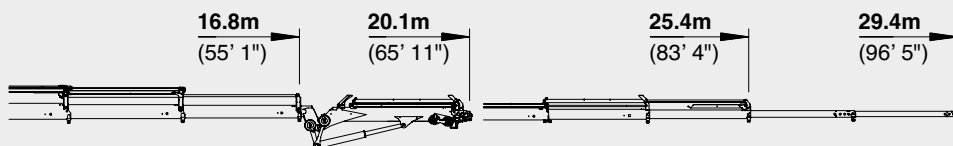
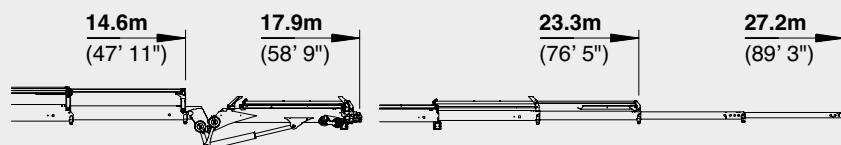
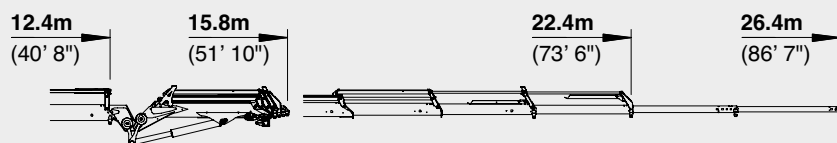
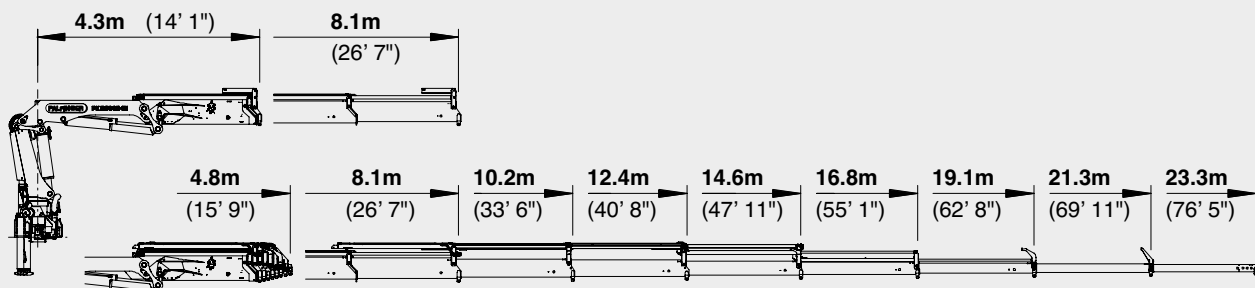
F	max.		7300 kg	71,6 kN
	4.5 m	14' 9"	4850 kg	10700 lbs
	6.4 m	20' 12"	3150 kg	6900 lbs
	8.3 m	27' 3"	2250 kg	4900 lbs
	10.4 m	34' 1"	1640 kg	3650 lbs
	12.5 m	41' 0"	1280 kg	2800 lbs
	14.6 m	47' 11"	1040 kg	2300 lbs
	16.7 m	54' 9"	880 kg	1950 lbs
	18.9 m	62' 0"	770 kg	1700 lbs
	21.1 m*	69' 3"	650 kg	1440 lbs
	23.1 m*	75' 9"	560 kg	1240 lbs

G	max.	7000 kg	68,7 kN	
	4.6 m	15' 1"	4700 kg	10400 lbs
	6.5 m	21' 4"	3000 kg	6600 lbs
	8.4 m	27' 7"	2100 kg	4650 lbs
	10.5 m	34' 5"	1540 kg	3400 lbs
	12.6 m	41' 4"	1180 kg	2600 lbs
	14.7 m	48' 3"	940 kg	2050 lbs
	16.8 m	55' 1"	780 kg	1720 lbs
	19.0 m	62' 4"	670 kg	1480 lbs
	21.1 m	69' 3"	590 kg	1300 lbs
23.1 m*	75' 9"	510 kg	1130 lbs	

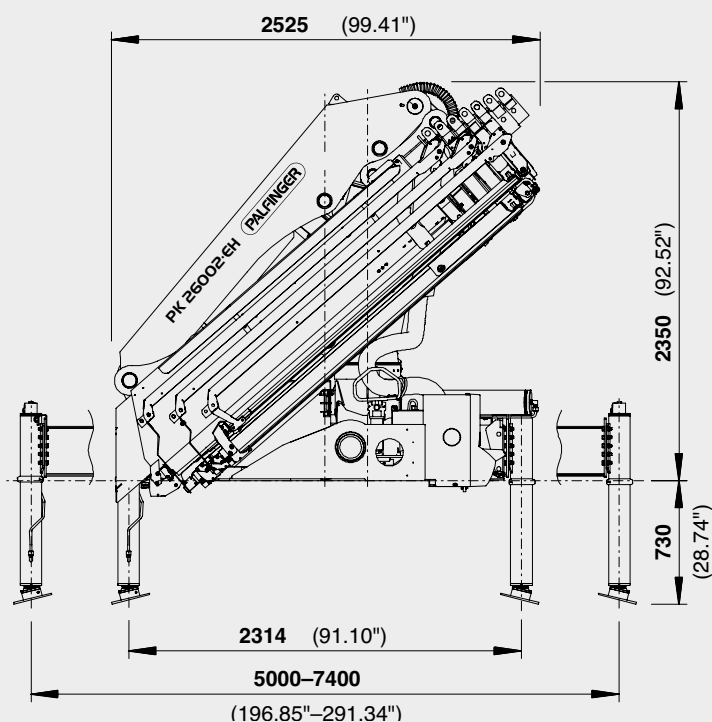
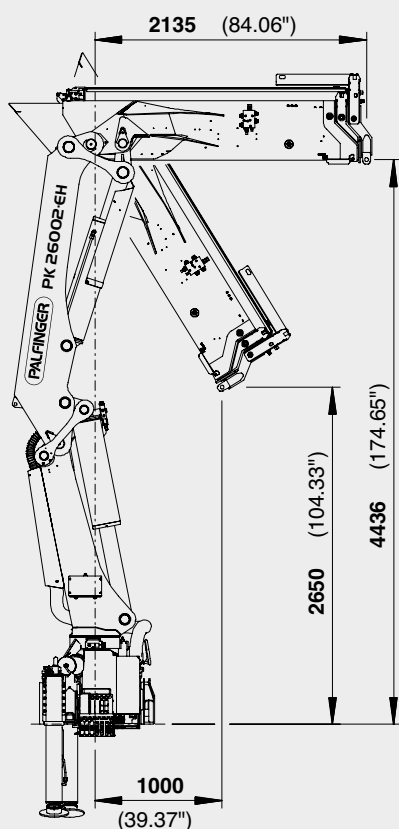
*mechanical extension

PERFECT DIMENSIONS

EXTENSION BOOM VARIATIONS



DIMENSIONS

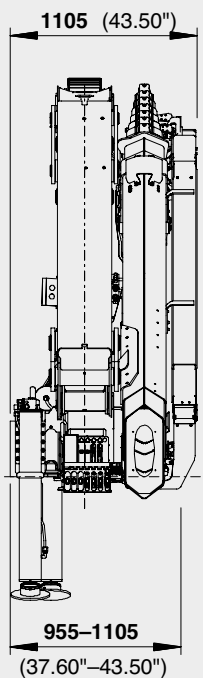


PK 26002 EH

C PJ080C JV2

D PJ060B JV2

E PJ060B JV2



TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD4/B3)

Max. lifting moment	24.9 mt/244.0 kNm	179950 ft.lbs
Max. lifting capacity	8900 kg/87.3 kN	19620 lbs
Max. hydraulic outreach	21.3 m	69' 11"
Max. manual outreach	23.3 m	76' 5"
Max. outreach (with fly-jib)	29.4 m	96' 5"
Slewing angle	400°	
Slewing torque	2.8 mt/27.5 kNm	20260 ft.lbs
Stabiliser spread (std./max.)	5.0 m / 7.4 m	16' 5" / 24' 3"
Fitting space required (std.)	0.96 m	3' 2"
Width folded	2.53 m	8' 3"
Max. operating pressure	350 bar	5075 psi
Recommended pump capacity	from 75 l/min to 100 l/min	19.8 US gal./min 26.4 US gal./min
Dead weight (std.)	2583 kg	5690 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

