

PK 110002 SH

PALFINGER

LIFETIME EXCELLENCE

THE LATEST CONTROL TECHNOLOGY SET STANDARDS IN OPERATOR FRIENDLINESS AND COMFORT



Courtesy of CraneMarket

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



OFFERS NUMEROUS COMFORT AND SAFETY FEATURES





- Maximum utilisation of the working range due to HPSC
- More lifting power due to S-HPLS
- High degree of user-friendliness thanks to optional radio remote control
- Additional applications with Power Link Plus
- More efficiency with fly jib due to DPS Plus



PERFECT TOOL WITH SOPHISTICATED KINEMATICS

12 HIGHLIGHTS



CONTINUOUS SLEWING SYSTEM
UNRESTRICTED MOVEMENT

More efficient in operation due to faster loading cycles, since the crane can be slewed over a shorter distance. The crane works more efficiently and faster.



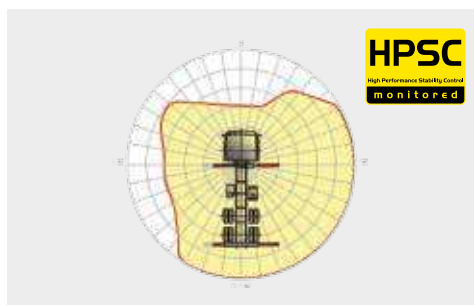
POWER LINK PLUS
WIDE-RANGING APPLICATIONS

With the 10 degree reverse linkage system, you can reach through low door openings and also work inside buildings. Heavy crane work – even in difficult conditions.



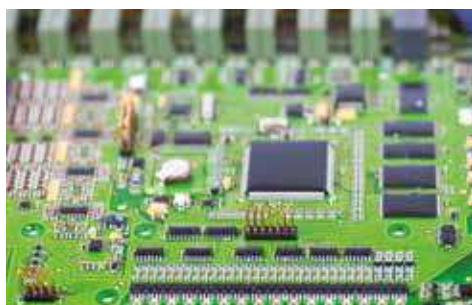
HIGH SPEED EXTENSION
FOR EFFICIENT ASSIGNMENTS

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.



S-HPLS
MORE LIFTING POWER WHEN IT COUNTS

S-HPLS is one of the most important functions of the PALTRONIC 150. It is a fully automatic system for increasing lifting power. The lifting power and crane speed can be continuously adapted to suit requirements.



CONTROL TECHNOLOGY
COMMUNICATION WITH THE OPERATOR

New standards in operator-friendliness through perfect interaction between the PALTRONIC 150, the control valve and the wireless remote control. The operator is guided clearly and safely.



POWER LINK CABLE WINCH
IMPROVED COMFORT IN CABLE WINCH OPERATION

Characterised by a low installation height, it is ideal for working inside buildings and operates with the crane boom unfolded. The Comfort Cable Routing reduces set-up times to a minimum.



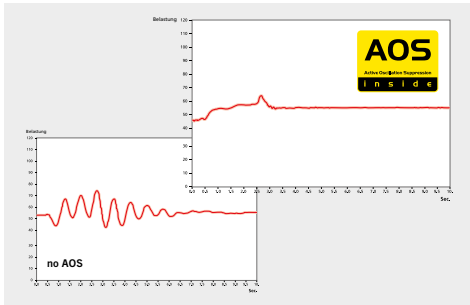
INTEGRAL BASE FRAME
PERFECT INTEGRATION

A Torsion resistant construction is possible due to an integral base frame. The low overall installation height and the weight savings allow for more efficiency in use.



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.



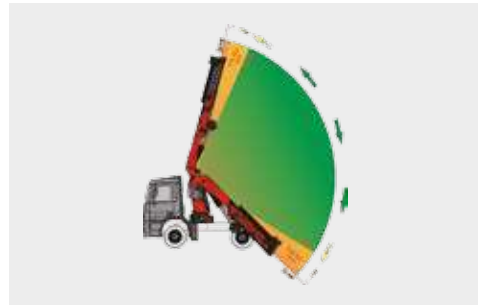
AOS
MAXIMUM PRECISION AND SAFETY

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.



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.



SOFT STOP FUNCTION
IMPROVED COMFORT AND SAFETY

The Soft Stop function is an electronic limit position damper. It causes gentle braking of all crane movements before the limit position is reached. Hence, jerky movements and load impacts can be avoided. The crane can be operated more gently and precisely.

Paltronic 150
controlled

RRC
Radio Remote Control
operated

HPSC
High Performance Stability Control
monitored

AOS
Active Oscillation Suppression
inside

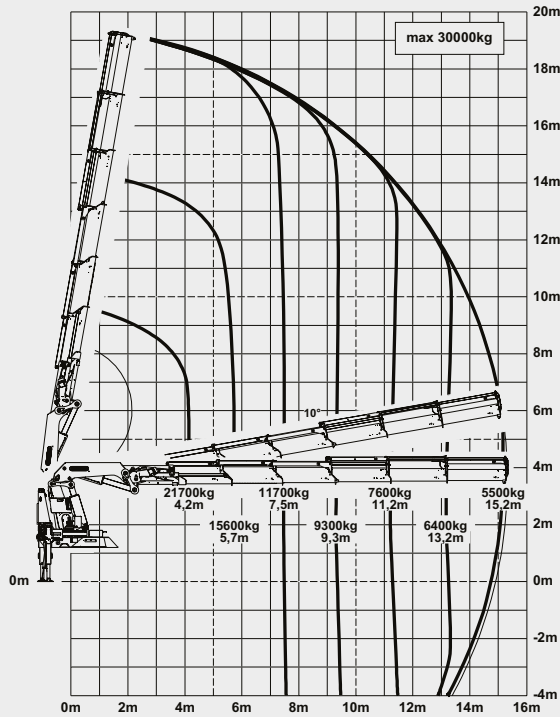
DPS plus
Dual Power System
activated

* Optional features / country-specific equipment

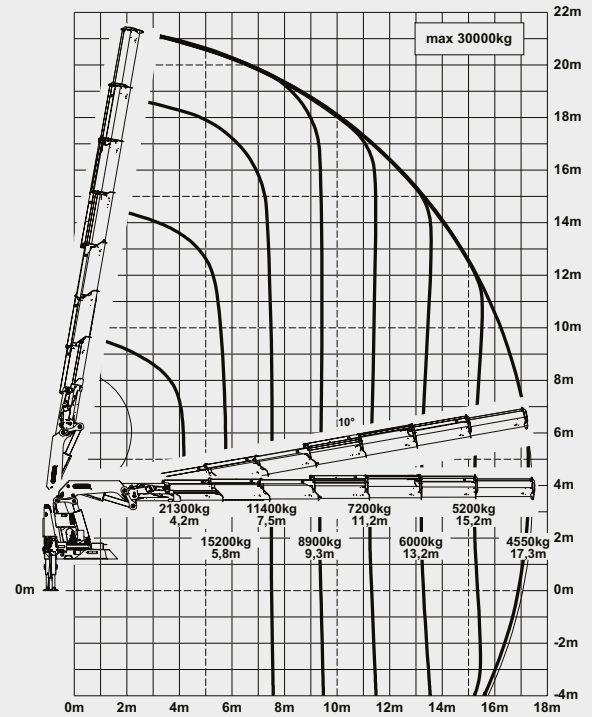
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HIGH PERFORMANCE

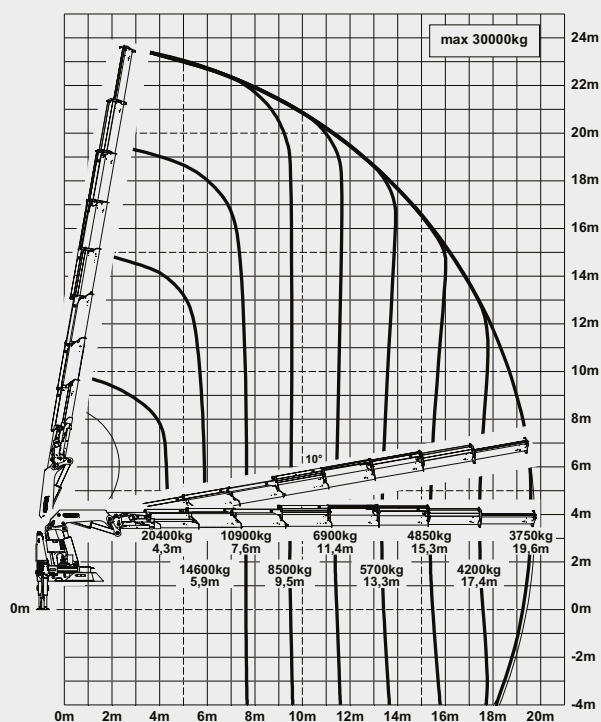
E



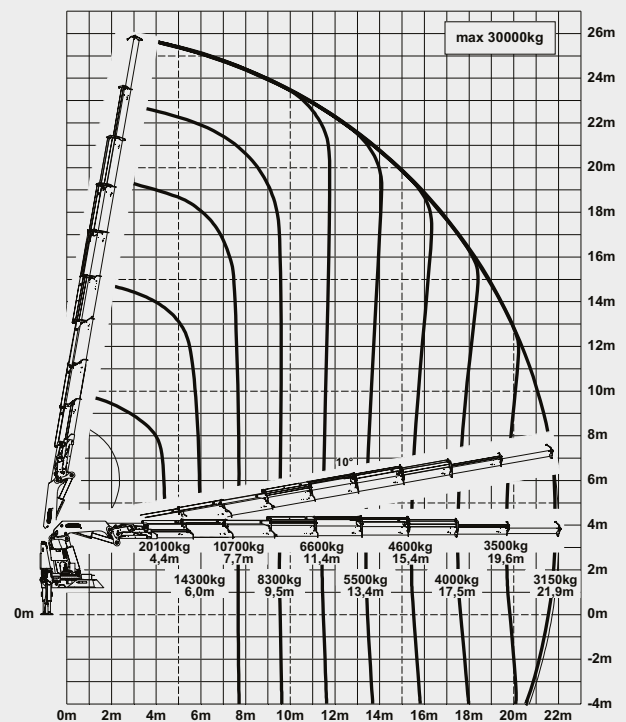
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G

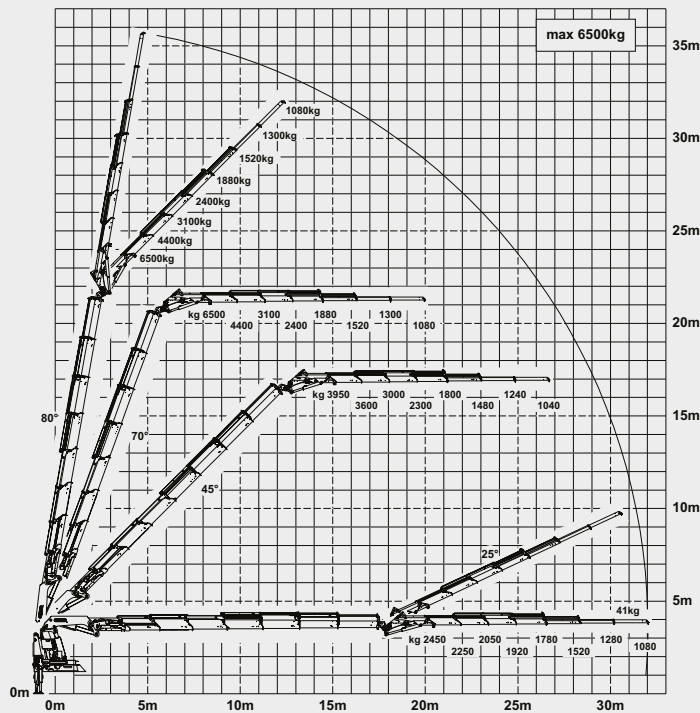


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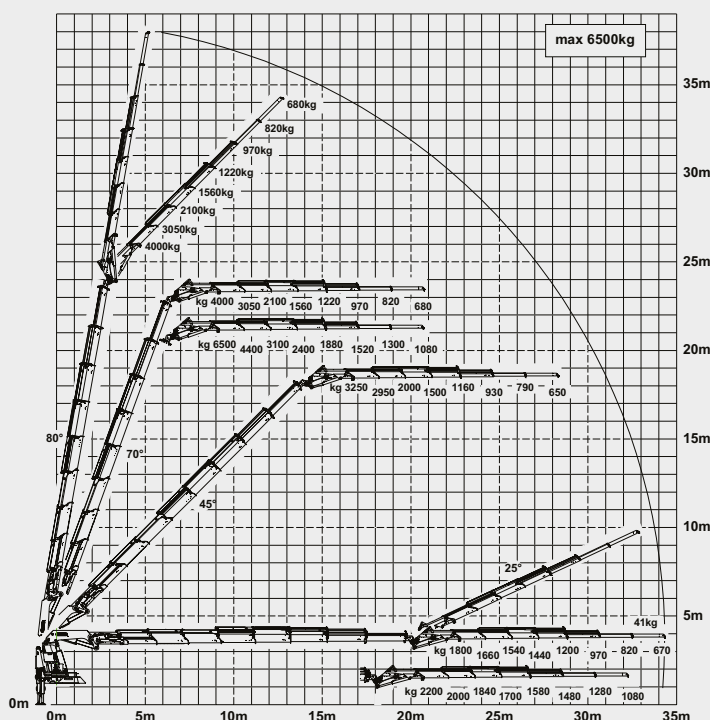


MORE LIFTING POWER WHEN IT IS REALLY NEEDED

F PJ170E JV1



G PJ170E JV1 DPS PLUS



LIFTING CAPACITIES

B	max.		30000 kg	66,200 lbs
	4.0 m	13 ft	23100 kg	51,000 lbs
	5.6 m	18 ft	16800 kg	37,100 lbs
	7.4 m	24 ft	12900 kg	28,500 lbs
	9.2 m	30 ft	10400 kg	23,000 lbs

C	max.		30000 kg	66,200 lbs
	4.1 m	13 ft	22600 kg	49,900 lbs
	5.7 m	19 ft	16400 kg	36,100 lbs
	7.4 m	24 ft	12500 kg	27,600 lbs
	9.2 m	30 ft	10000 kg	22,100 lbs
	11.1 m	37 ft	8300 kg	18,400 lbs

D	max.		30000 kg	66,200 lbs
	4.1 m	13 ft	22200 kg	49,000 lbs
	5.7 m	19 ft	16000 kg	35,300 lbs
	7.4 m	24 ft	12100 kg	26,700 lbs
	9.3 m	30 ft	9600 kg	21,200 lbs
	11.2 m	37 ft	8000 kg	17,500 lbs
	13.1 m	43 ft	6800 kg	14,900 lbs

E	max.		30000 kg	66,200 lbs
	4.2 m	14 ft	21700 kg	47,800 lbs
	5.7 m	19 ft	15600 kg	34,300 lbs
	7.5 m	25 ft	11700 kg	25,900 lbs
	9.3 m	31 ft	9300 kg	20,400 lbs
	11.2 m	37 ft	7600 kg	16,700 lbs
	13.2 m	43 ft	6400 kg	14,100 lbs
	15.2 m	50 ft	5500 kg	12,200 lbs

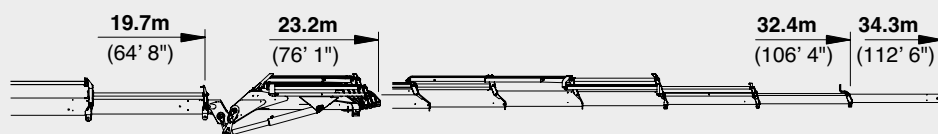
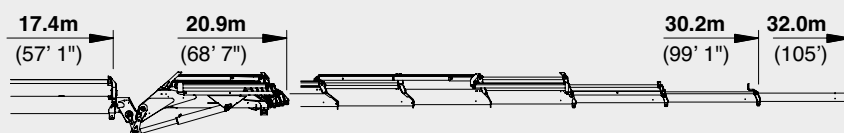
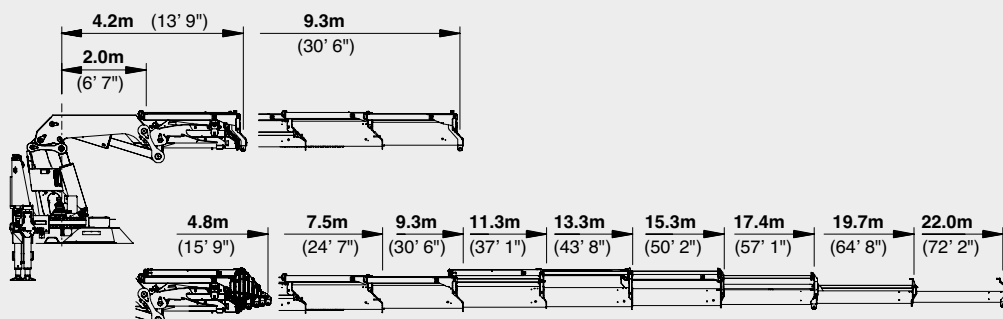
F	max.		30000 kg	66,200 lbs
	4.2 m	14 ft	21300 kg	46,800 lbs
	5.8 m	19 ft	15200 kg	33,400 lbs
	7.5 m	25 ft	11400 kg	25,000 lbs
	9.3 m	31 ft	8900 kg	19,600 lbs
	11.2 m	37 ft	7200 kg	15,900 lbs
	13.2 m	43 ft	6000 kg	13,300 lbs
	15.2 m	50 ft	5200 kg	11,400 lbs
	17.3 m	57 ft	4550 kg	10,000 lbs

G	max.		30000 kg	66,200 lbs
	4.3 m	14 ft	20400 kg	45,000 lbs
	5.9 m	19 ft	14600 kg	32,200 lbs
	7.6 m	25 ft	10900 kg	24,100 lbs
	9.5 m	31 ft	8500 kg	18,800 lbs
	11.4 m	37 ft	6900 kg	15,100 lbs
	13.3 m	44 ft	5700 kg	12,600 lbs
	15.3 m	50 ft	4850 kg	10,700 lbs
	17.4 m	57 ft	4200 kg	9,300 lbs
	19.6 m	64 ft	3750 kg	8,200 lbs

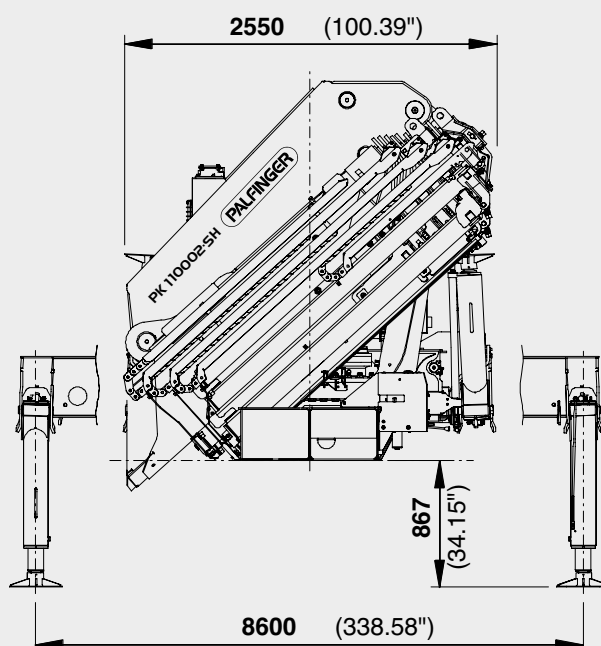
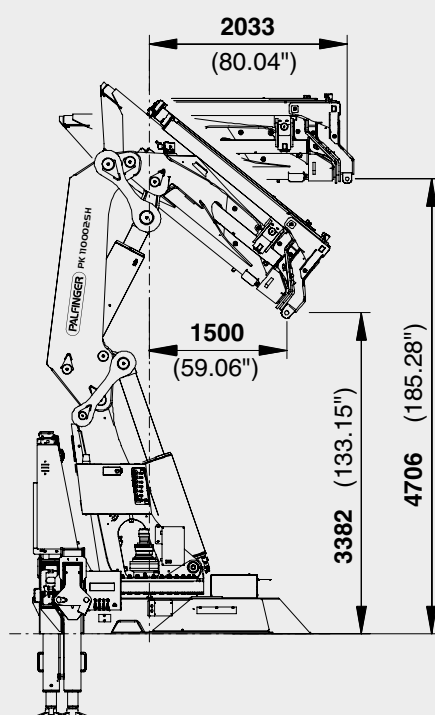
H	max.		30000 kg	66,200 lbs
	4.4 m	14 ft	20100 kg	44,200 lbs
	6.0 m	20 ft	14300 kg	31,500 lbs
	7.7 m	25 ft	10700 kg	23,500 lbs
	9.5 m	31 ft	8300 kg	18,200 lbs
	11.4 m	37 ft	6600 kg	14,600 lbs
	13.4 m	44 ft	5500 kg	12,000 lbs
	15.4 m	50 ft	4600 kg	10,200 lbs
	17.5 m	57 ft	4000 kg	8,800 lbs
	19.6 m	64 ft	3500 kg	7,700 lbs
	21.9 m	72 ft	3150 kg	6,900 lbs

PERFECT DIMENSIONS

EXTENSION BOOM VARIATIONS



DIMENSIONS



PK 110002 SH

F PJ170 E JV1

G PJ170E JV1 DPS PLUS

TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/B3)

Max. lifting moment	98.5 mt/ 965.9 kNm	712350 ft.lbs
Max. lifting capacity	30000 kg/294.3 kN	66200 lbs
Max. hydraulic outreach	22.0 m	72' 2"
Max. manual outreach	22.0 m	72' 2"
Slewing angle	endless	
Slewing torque	9.0 mt/ 88.3 kNm	65110 ft.lbs
Stabilizer spread (std./max.)	8.6 m	28' 3"
Fitting space required (std.)	2.31 m/ 2.47 m	7' 7"/8' 1"
Width folded	2.55 m	8' 4"
Max. operating pressure	365 bar	5293 psi
Recommended pump capacity	from 110 l/min	29.1 US gal./min
	to 130 l/min	34.3 US gal./min
Dead weight (std.)	8830 kg	19470 lbs

