

PK 42002 SH

PALFINGER

LIFETIME EXCELLENCE

**THANKS TO POWER LINK PLUS, THE CRANE IS
EXTREMELY VERSATILE. CRANE WORK IS
POSSIBLE EVEN IN DIFFICULT CONDITIONS.**



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



HEAVY-DUTY CRANE TECHNOLOGY OF THE HIGHEST STANDARD





- High value retention due to KTL coating
- More comfort and safety due to Soft Stop
- Maximum utilisation of the working range due to HPSC
- More lifting power due to S-HPLS
- More efficient and faster due to continuous slewing



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.



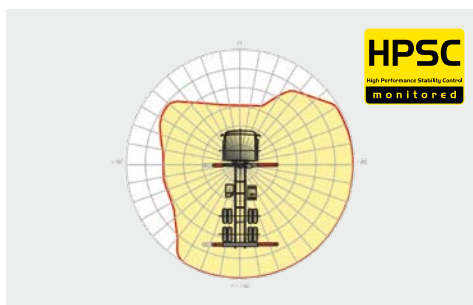
POWER LINK PLUS
HIGH VARIETY OF USES

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.



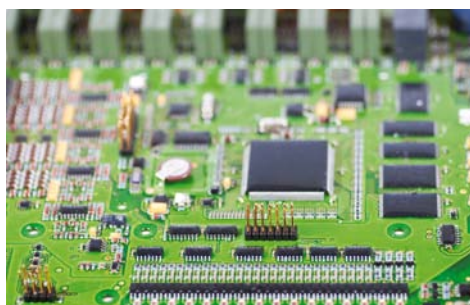
MAINTENANCE-FREE EXTENSION SYSTEM
SAVES YOU SERVICE TIME

With sliding elements made of synthetic material and the high-quality KTL coating, this boom system works without any service from the operator. Saving you time and money while protecting the environment.



HPSC
MAXIMUM UTILISATION OF THE WORKING RANGE

The variable stabilizer 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.



S-HPLS
MORE LIFTING POWER WHEN IT IS REALLY NEEDED

S-HPLS is one of the most important functions of the PALTRONIC 150. It is a fully automatic system for increasing the lifting power. Depending on the need, there is continuous adaptation of the lifting power and speed of the crane.



CONTROL TECHNOLOGY
COMMUNICATION WITH THE OPERATOR

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



POWER LINK CABLE WINCH
MORE COMFORT IN CABLE WINCH OPERATION

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



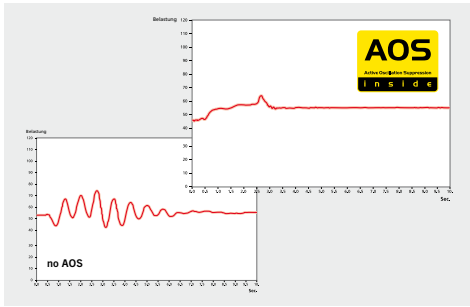
FUNCTIONAL DESIGN
PRACTICAL AND ATTRACTIVE

Robust plastic covers protect crane parts against dirt and damage. Better appearance and increased operational comfort – during the entire lifetime.



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.



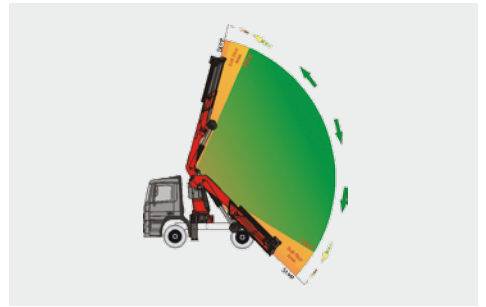
AOS
MAXIMUM PRECISION AND SAFETY

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.



SOFT STOP FUNCTION
MORE 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.

KTL
protected

Paltronic 150
controlled

RRC
Radio Remote Control
operated

HPSC
High Performance Stability Control
monitored

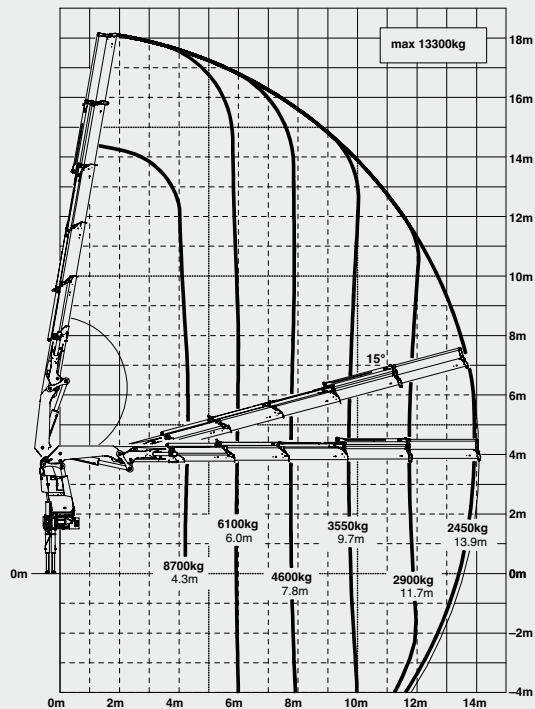
AOS
Active Oscillation Suppression
inside

DPS plus
Dual Power System
activated

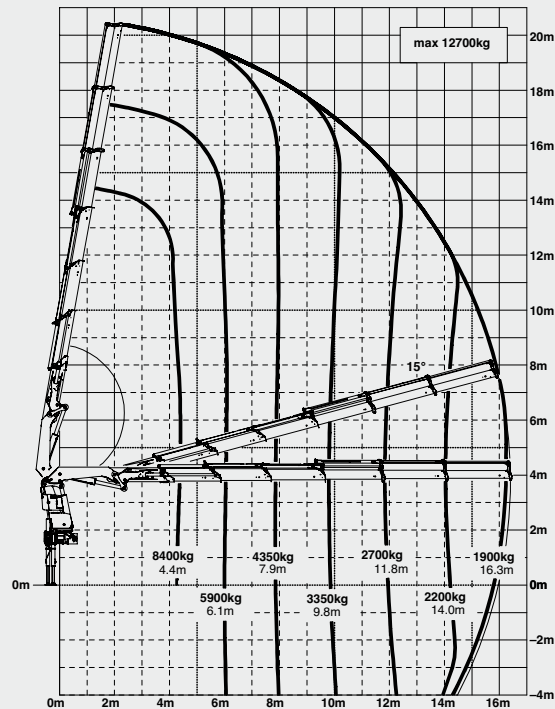
* Optional features / country-specific equipment

PK 42002 SH HIGH PERFORMANCE

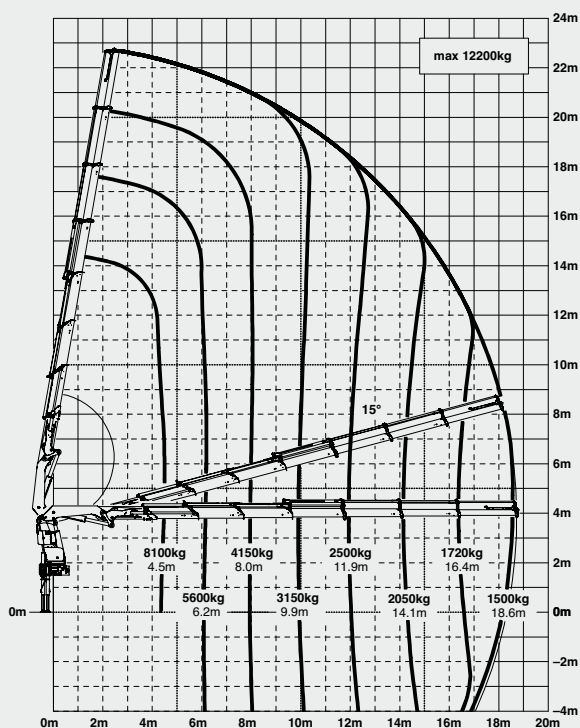
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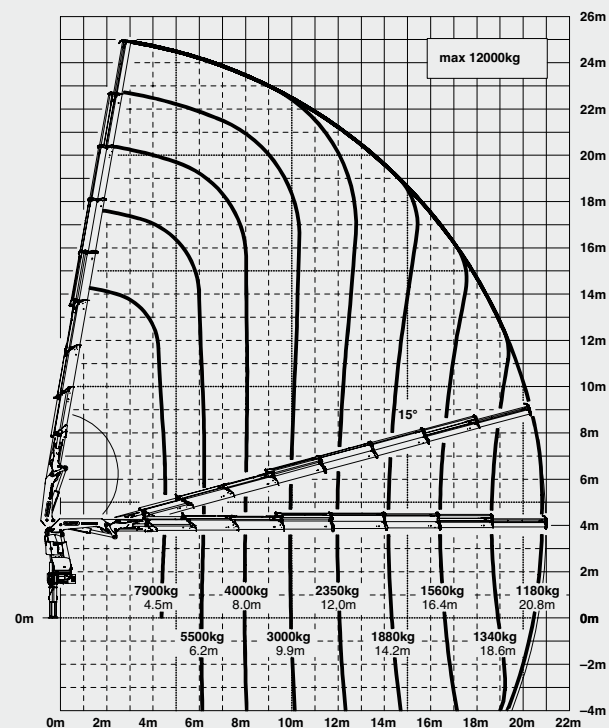
E



F

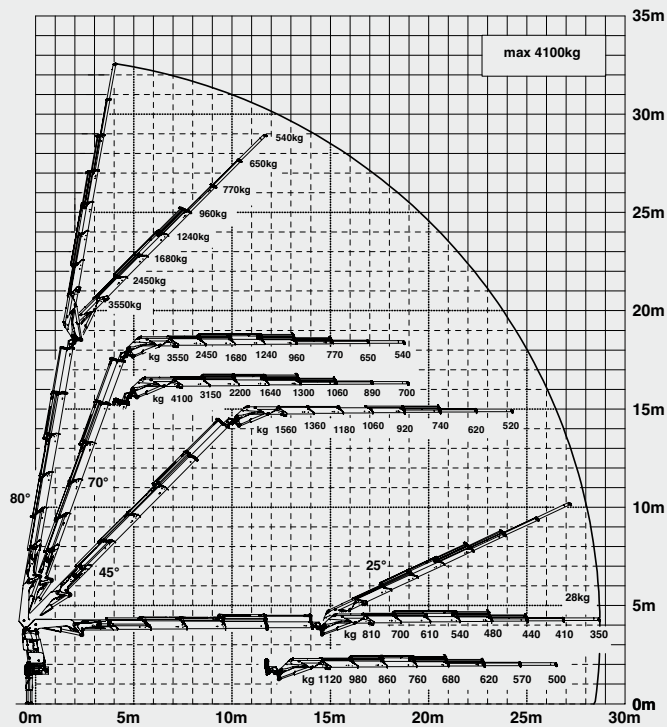


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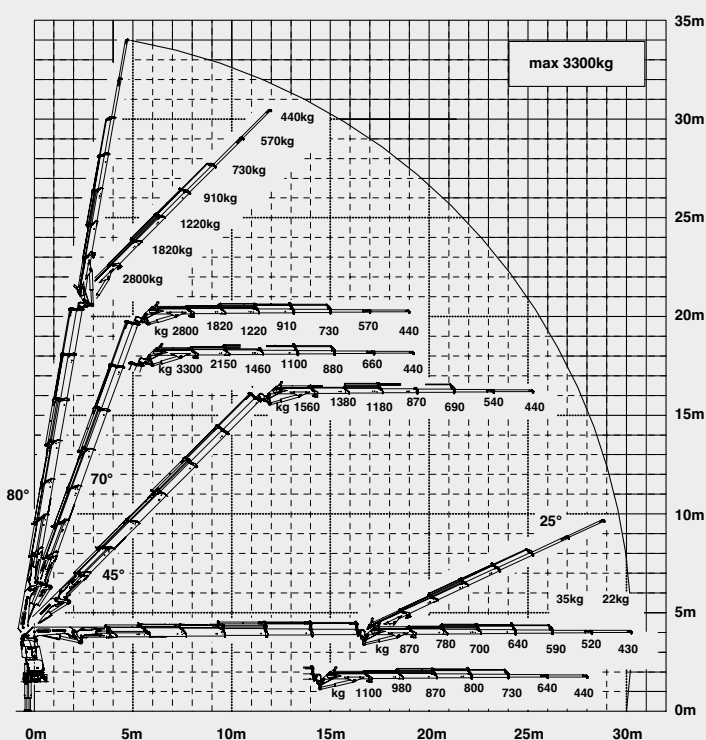


MORE LIFTING POWER WHEN IT IS REALLY NEEDED

D PJ125E JV1 DPS PLUS



E PJ080C JV2 DPS PLUS



LIFTING CAPACITIES

A	max.		14900 kg	32900 lbs
	4.1 m	13' 5"	9600 kg	21200 lbs
	5.8 m	19' 0"	6900 kg	15200 lbs
	7.6 m	24' 11"	5300 kg	11700 lbs

B	max.		14600 kg	32200 lbs
	4.2 m	13' 9"	9400 kg	20700 lbs
	5.8 m	19' 0"	6700 kg	14700 lbs
	7.6 m	24' 11"	5100 kg	11200 lbs
	9.6 m	31' 6"	4050 kg	8900 lbs

C	max.		14100 kg	31100 lbs
	4.2 m	13' 9"	9100 kg	20100 lbs
	5.8 m	19' 0"	6400 kg	14200 lbs
	7.6 m	24' 11"	4850 kg	10700 lbs
	9.6 m	31' 6"	3800 kg	8400 lbs
	11.6 m	38' 1"	3150 kg	6900 lbs

D	max.	13300 kg	29300 lbs	
	4.3 m	14' 1"	8700 kg	19300 lbs
	6.0 m	19' 8"	6100 kg	13500 lbs
	7.8 m	25' 7"	4600 kg	10100 lbs
	9.7 m	31' 10"	3550 kg	7900 lbs
	11.7 m	38' 5"	2900 kg	6400 lbs
	13.9 m	45' 7"	2450 kg	5300 lbs

E	max.		12700 kg	28000 lbs
	4.4 m	14' 5"	8400 kg	18500 lbs
	6.1 m	20' 0"	5900 kg	12900 lbs
	7.9 m	25' 11"	4350 kg	9600 lbs
	9.8 m	32' 2"	3350 kg	7400 lbs
	11.8 m	38' 9"	2700 kg	5900 lbs
	14.0 m	45' 11"	2200 kg	4900 lbs
	16.3 m	53' 6"	1900 kg	4200 lbs

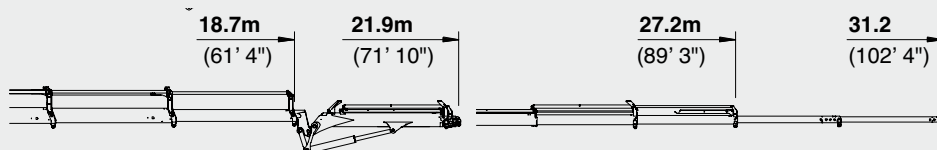
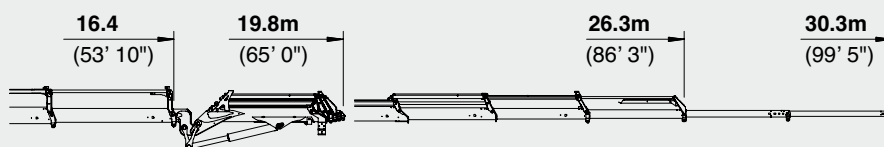
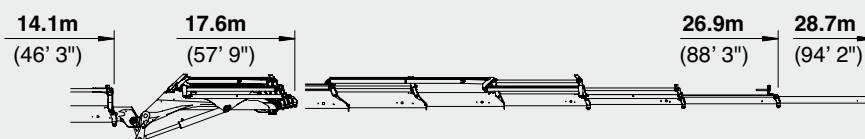
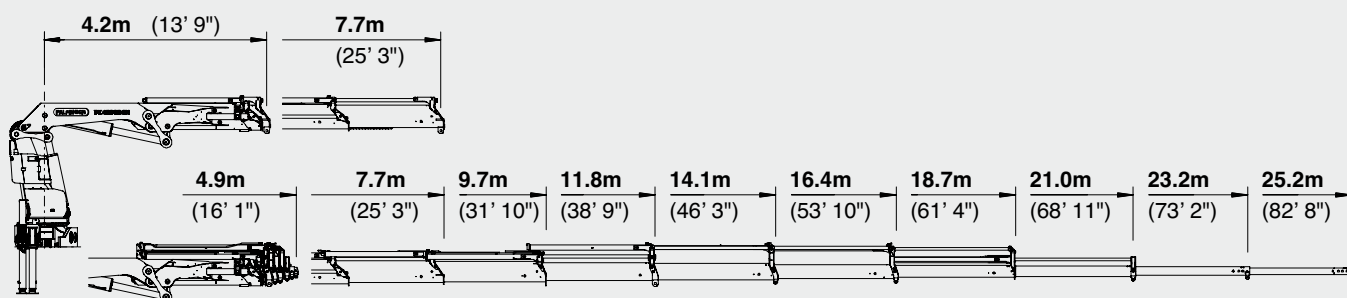
F	max.		12200 kg	26900 lbs
	4.5 m	14' 9"	8100 kg	17900 lbs
	6.2 m	20' 4"	5600 kg	12400 lbs
	8.0 m	26' 3"	4150 kg	9100 lbs
	9.9 m	32' 6"	3150 kg	7000 lbs
	11.9 m	39' 1"	2500 kg	5500 lbs
	14.1 m	46' 3"	2050 kg	4500 lbs
	16.4 m	53' 10"	1720 kg	3800 lbs
	18.6 m	61' 0"	1500 kg	3300 lbs

G

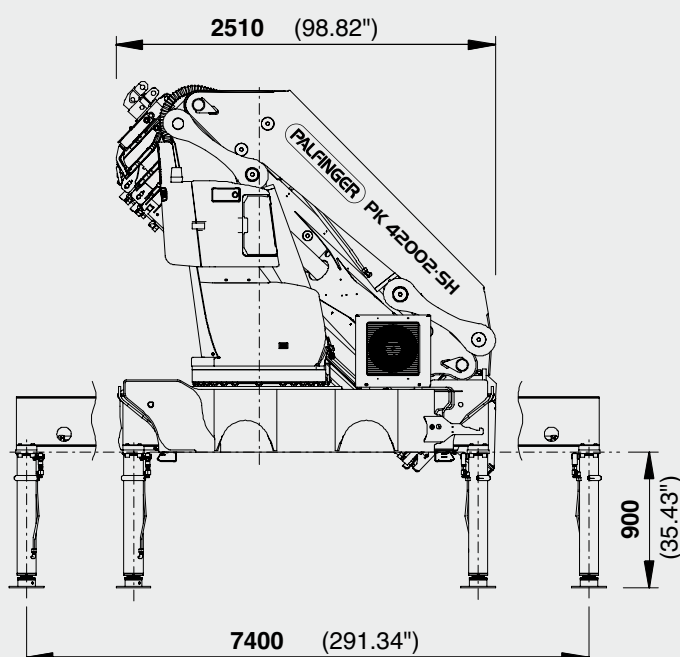
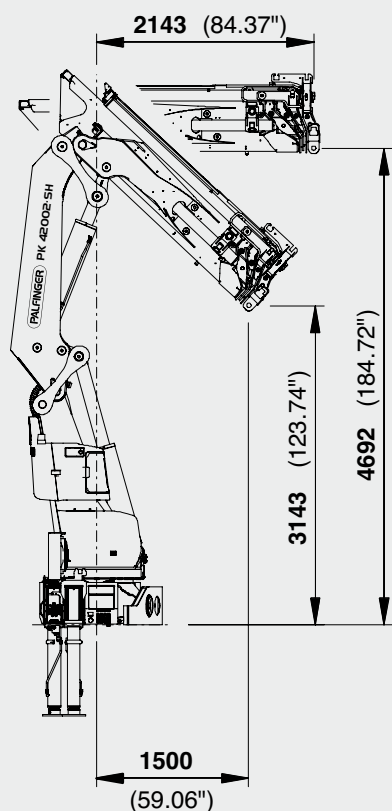
max.		12000 kg	26500 lbs
4.5 m	14' 9"	7900 kg	17500 lbs
6.2 m	20' 4"	5500 kg	12100 lbs
8.0 m	26' 3"	4000 kg	8800 lbs
9.9 m	32' 6"	3000 kg	6600 lbs
12.0 m	39' 4"	2350 kg	5200 lbs
14.2 m	46' 7"	1880 kg	4150 lbs
16.4 m	53' 10"	1560 kg	3450 lbs
18.6 m	61' 0"	1340 kg	2950 lbs
20.8 m	68' 3"	1180 kg	2600 lbs
23.0 m*	75' 6"	900 kg	1980 lbs
25.0 m*	82' 0"	600 kg	1320 lbs

PERFECT DIMENSIONS

EXTENSION BOOM VARIATIONS



DIMENSIONS



PK 42002 SH

D PJ125E JV1

E PJ080C JV2

F PJ060B JV2

TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/B3)

Max. lifting moment	41.1 mt/402,8 kNm	297070 ft.lbs
Max. lifting capacity	15000 kg/147,2 kN	33070 lbs
Max. hydraulic outreach	21.0 m	68' 11"
Max. manual outreach	25.2 m	82' 8"
Max. outreach (with fly-jib)	31.2 m	102' 4"
Slewing angle	endless	
Slewing torque with 1 gear	3.8 mt/37.3 kNm	27490 ft.lbs
Slewing torque with 2 gears	5.0 mt/49.1 kNm	36170 ft.lbs
Stabilizer spread	7.4 m	24' 3"
Fitting space required (std.)	min. 1.33 m/4' 4"	max. 1.47 m/4' 10"
Width folded	2.51 m	8' 3"
Max. operating pressure	365 bar	5293 psi
Recommended pump capacity	from 90 l/min	23.8 US gal./min
	to 120 l/min	31.7 US gal./min
Dead weight (std.)	3851 kg	8490 lbs

