# PK 14502 SH
# PK 18502 SH

PALFINGER
LIFETIME EXCELLENCE

## HIGH VARIETY OF USES MAXIMIZES PROFITABILITY THROUGHOUT A CRANE'S ENTIRE LIFETIME



# LIFETIME EXCELLENCE

**PALFINGER LOADER CRANES ARE OUTSTANDING WITH THEIR SUPERIOR LIFECYCLE 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 |

For further information please visit: www.palfinger.com/thebrand


Freiwillige
Feuerwehr
Pöring
112
Freiwillige Feuerwehr
Pöring

# EFFICIENCY IS IT´S STRENGTH



- More lifting power due to S-HPLS
- Additional applications with Power Link Plus
- Increased comfort and safety due to Soft Stop
- Practical and attractive due to Functional Design
- High value retention due to KTL coating





# FIRST-RATE
# IN DESIGN AND PERFORMANCE

## 12
## HIGHLIGHTS



**POWER LINK PLUS**
WIDE-RANGING APPLICATIONS

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.



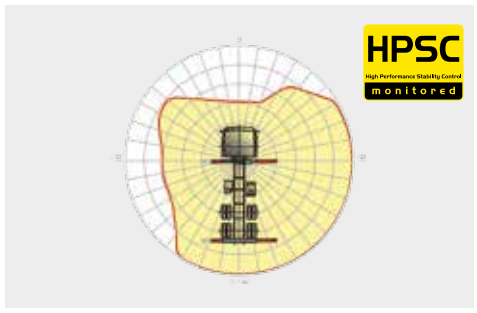
**LOW-MAINTENANCE EXTENSION SYSTEM**
REDUCES SERVICE TIME

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.



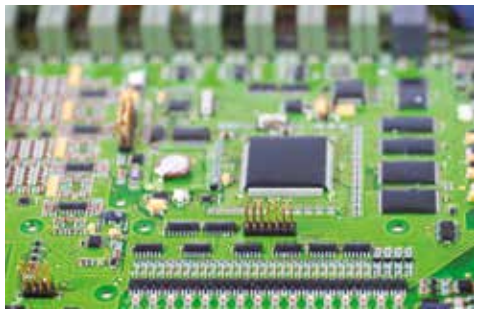
**HIGH SPEED EXTENSION**
FOR EFFICIENT ASSIGNMENTS

The High Speed Extension speeds up the extention 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.



**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.



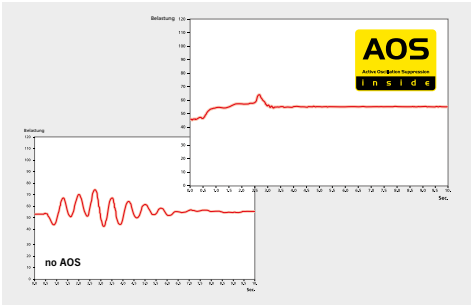
**FUNCTIONAL DESIGN**
PRACTICAL AND ATTRACTIVE

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



**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.



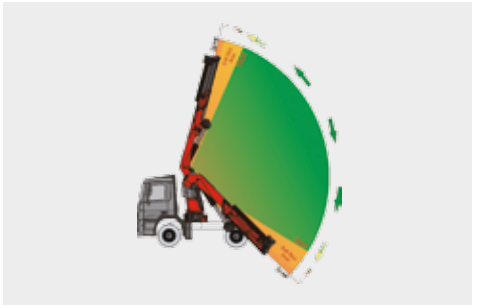

**AOS**
MAXIMUM PRECISION AND SAFETY

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.



**SOFT STOP FUNCTION**
IMPROVED COMFORT AND SAFETY

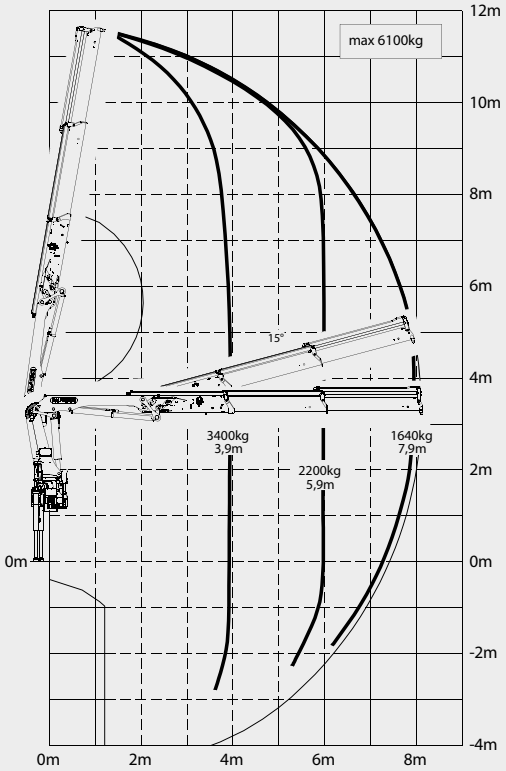
The Soft Stop function is an electronic limit position damper. It causes gentle braking of all crane movements before the limit position is reached. Hence, jerky movements and load impacts can be avoided. The crane can be operated more gently and precisely.

KTL protected · Paltronic 150 controlled · RRC Radio Remote Control operated · HPSC* High Performance Stability Control monitored · AOS* Active Oscillation Suppression inside

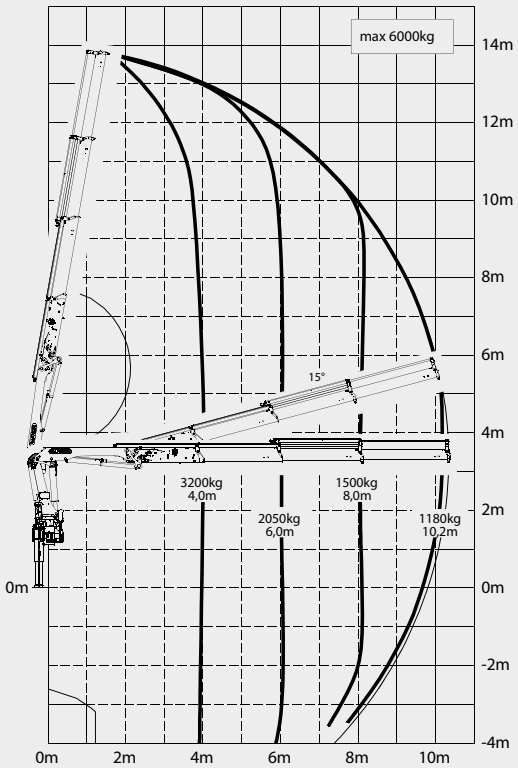
* Optional features / country-specific equipment

# PK 14502 SH
# HIGH PERFORMANCE

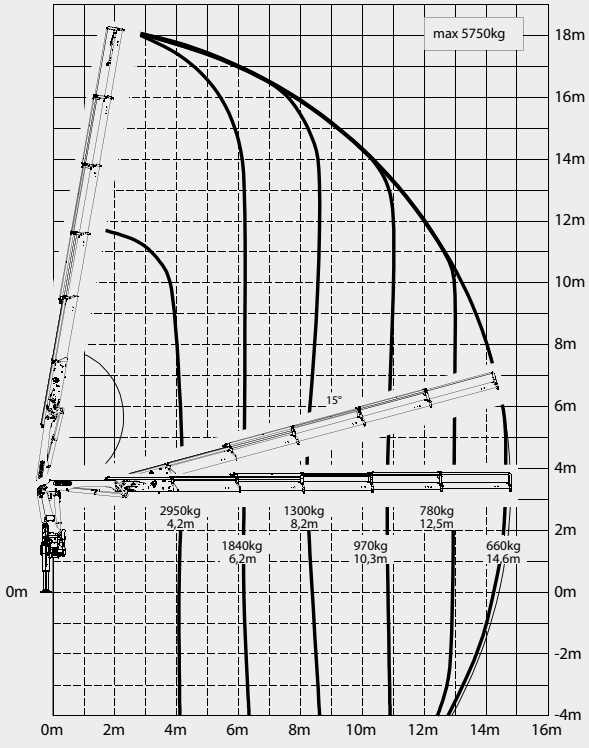
## A



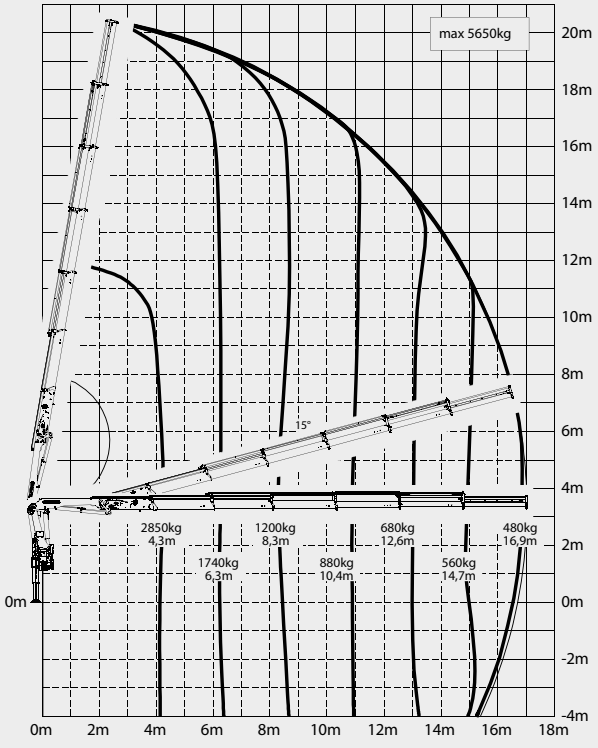

## B




## D




## E

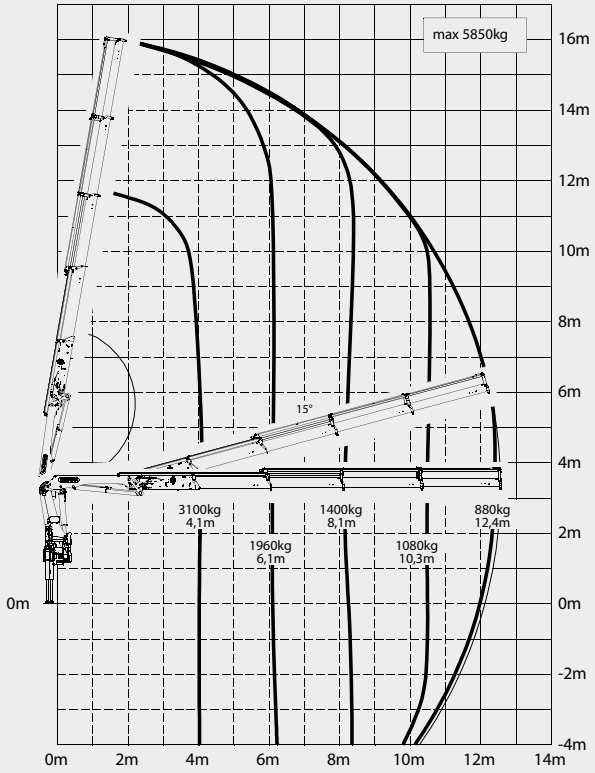




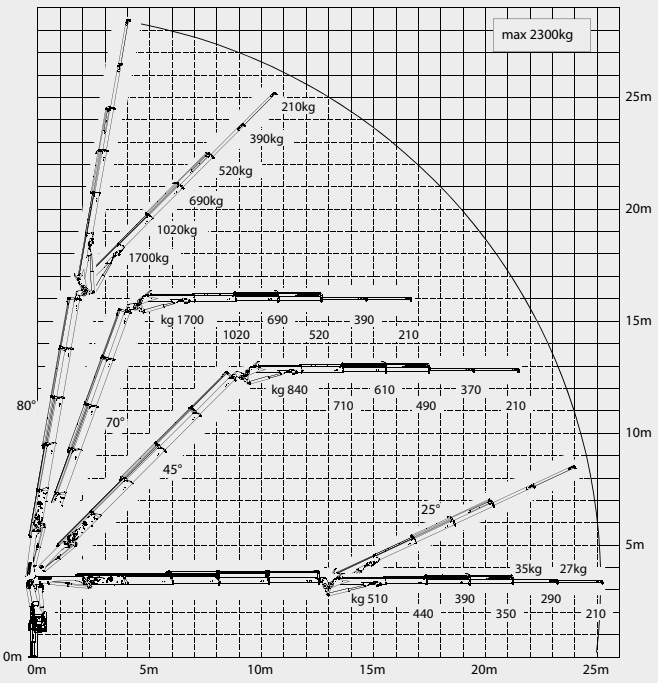

The outreaches stated are with a boom angle of 20° and are therefore not the maximum.

# RELIABLE.
# CRANE´S ENTIRE LIFETIME.

## C




## C PJ060B JV2




## LIFTING CAPACITIES

**A**

| max. | | 6100 kg | 13500 lbs |
|---|---|---|---|
| 3.9 m | 13 ft | 3400 kg | 7400 lbs |
| 5.9 m | 20 ft | 2200 kg | 4850 lbs |
| 7.9 m | 26 ft | 1640 kg | 3600 lbs |

**B**

| max. | | 6000 kg | 13200 lbs |
|---|---|---|---|
| 4.0 m | 13 ft | 3200 kg | 7100 lbs |
| 6.0 m | 20 ft | 2050 kg | 4550 lbs |
| 8.0 m | 26 ft | 1500 kg | 3350 lbs |
| 10.2 m | 33 ft | 1180 kg | 2600 lbs |
| 12.4 m* | 41 ft | 890 kg | 1960 lbs |
| 14.6 m* | 48 ft | 700 kg | 1540 lbs |

**C**

| max. | | 5850 kg | 12900 lbs |
|---|---|---|---|
| 4.1 m | 13 ft | 3100 kg | 6800 lbs |
| 6.1 m | 20 ft | 1960 kg | 4300 lbs |
| 8.1 m | 27 ft | 1400 kg | 3100 lbs |
| 10.3 m | 34 ft | 1080 kg | 2350 lbs |
| 12.4 m | 41 ft | 880 kg | 1940 lbs |
| 14.6 m* | 48 ft | 690 kg | 1520 lbs |
| 16.8 m* | 55 ft | 560 kg | 1220 lbs |

**D**

| max. | | 5750 kg | 12700 lbs |
|---|---|---|---|
| 4.2 m | 14 ft | 2950 kg | 6500 lbs |
| 6.2 m | 20 ft | 1840 kg | 4100 lbs |
| 8.2 m | 27 ft | 1300 kg | 2850 lbs |
| 10.3 m | 34 ft | 970 kg | 2150 lbs |
| 12.5 m | 41 ft | 780 kg | 1720 lbs |
| 14.6 m | 48 ft | 660 kg | 1440 lbs |
| 16.8 m* | 55 ft | 530 kg | 1160 lbs |
| 18.8 m* | 62 ft | 440 kg | 980 lbs |

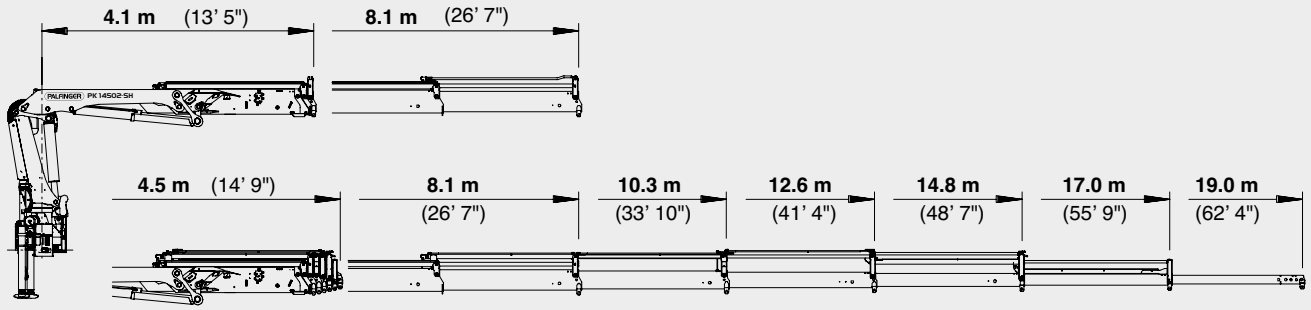
**E**

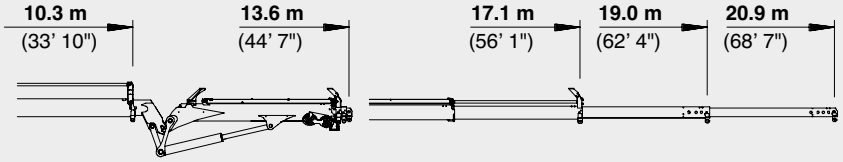
| max. | | 5650 kg | 12500 lbs |
|---|---|---|---|
| 4.3 m | 14 ft | 2850 kg | 6200 lbs |
| 6.3 m | 21 ft | 1740 kg | 3850 lbs |
| 8.3 m | 27 ft | 1200 kg | 2650 lbs |
| 10.4 m | 34 ft | 880 kg | 1940 lbs |
| 12.6 m | 41 ft | 680 kg | 1500 lbs |
| 14.7 m | 48 ft | 560 kg | 1240 lbs |
| 16.9 m | 55 ft | 480 kg | 1060 lbs |
| 18.9 m* | 62 ft | 400 kg | 880 lbs |

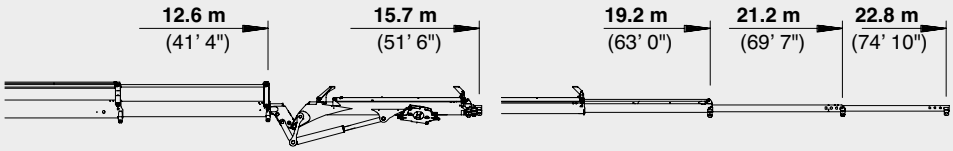
*mechanical extension

# PERFECT DIMENSIONS

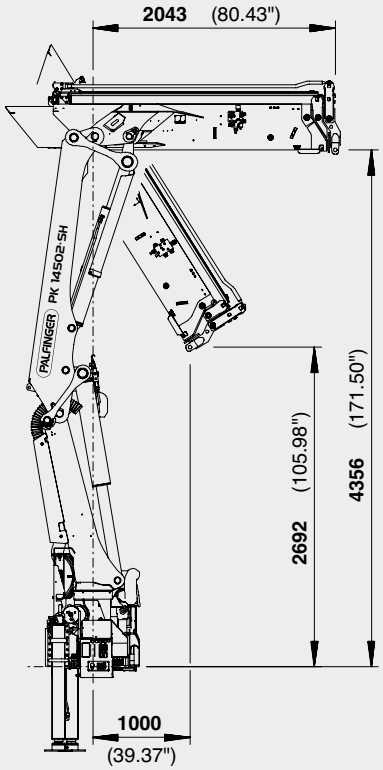
## EXTENSION BOOM VARIATIONS

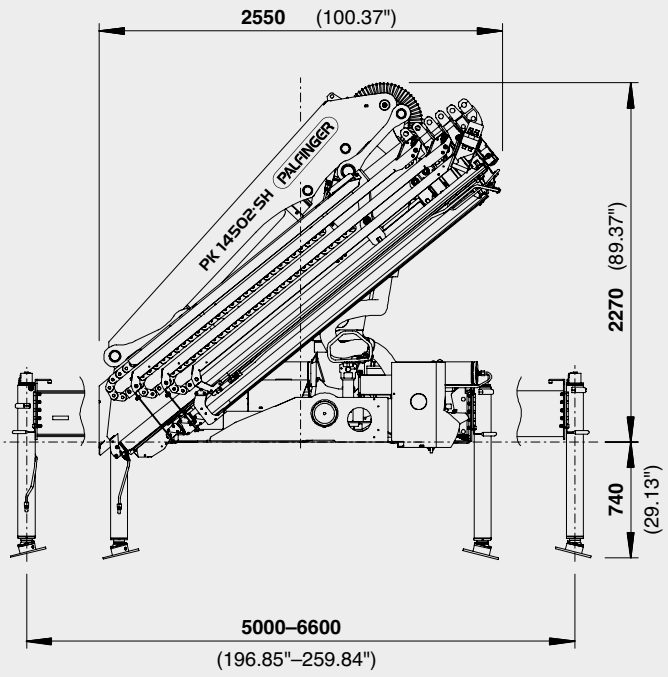



## DIMENSIONS

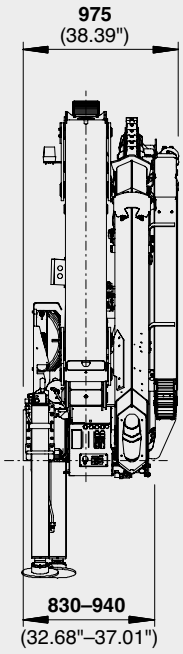


## PK 14502 SH

## B PJ060A JV2

## C PJ040A JV2

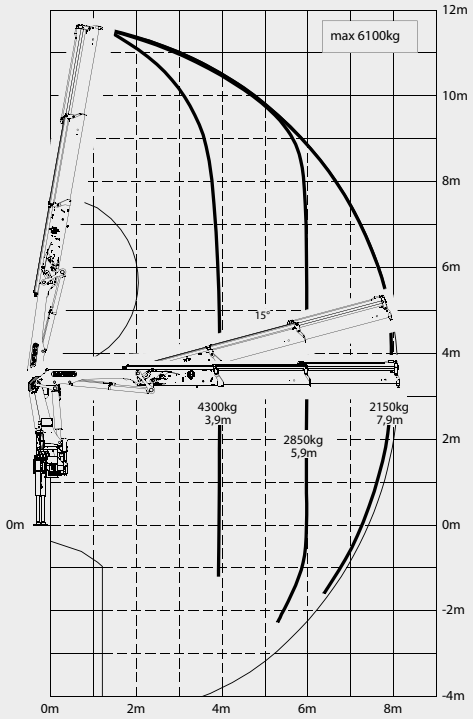



## TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/B3)

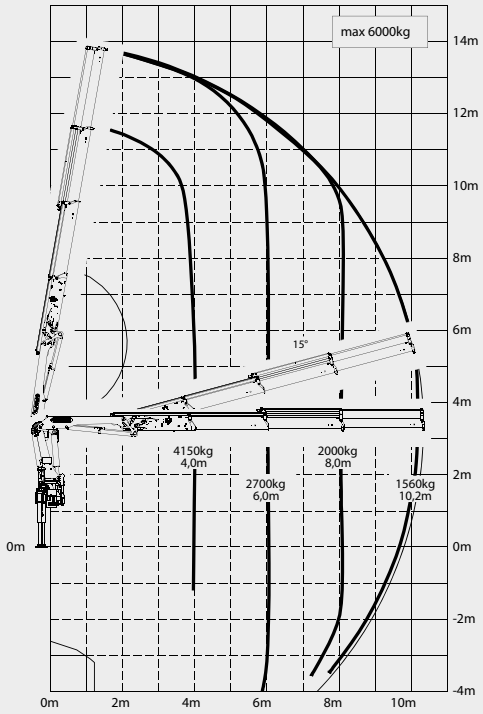
| | | |
|---|---|---|
| max. lifting moment | 13.8 mt/135.4 kNm | 99860 ft.lbs |
| max. lifting capacity | 6200 kg/60.8 kN | 13670 lbs |
| max. hydraulic outreach | 17.0 m | 55' 9'' |
| max. manual outreach | 19.0 m | 62' 4'' |
| max. outreach (with fly-jib) | 23.0 m | 75' 6'' |
| Slewing angle | 420° | |
| Slewing torque | 1.6 mt/15.7 kNm | 11580 ft.lbs |
| Stabilizer spread (std./max.) | 5.0 m / 6.6 m | 16' 5'' / 21' 8'' |
| Fitting space required (std.) | 0.83 m | 2' 9'' |
| Width folded | 2.51 m | 8' 3'' |
| max. operating pressure | 365 bar | 5293 psi |
| Recommended pump capacity | from 50 l/min | 13.2 US gal./min |
| | to 70 l/min | 18.5 US gal./min |
| Dead weight (std.) | 1790 kg | 3946 lbs |

# PK 18502 SH
# HIGH PERFORMANCE

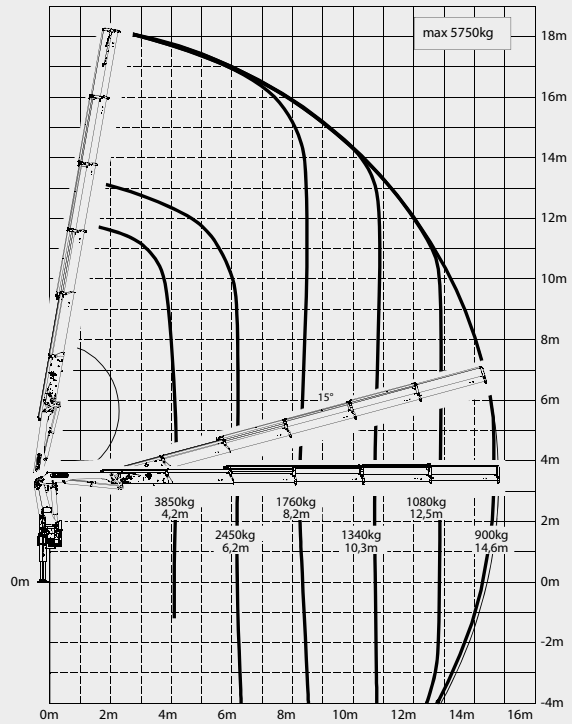
## A



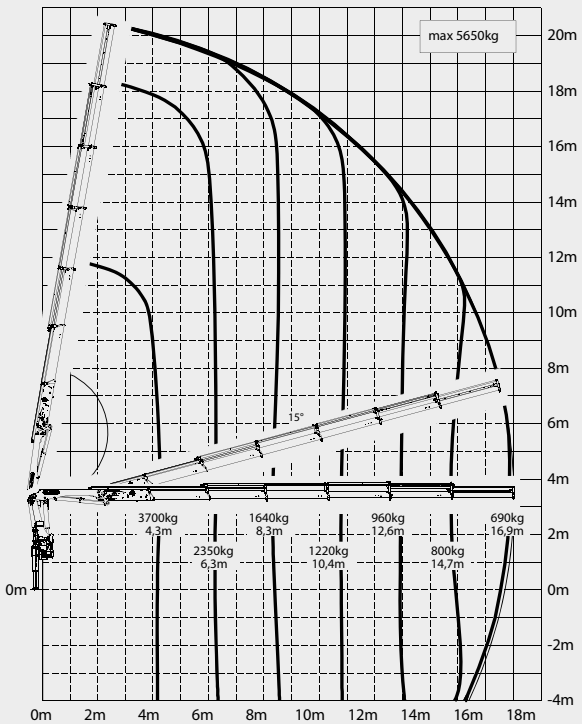

## B




## D




## E

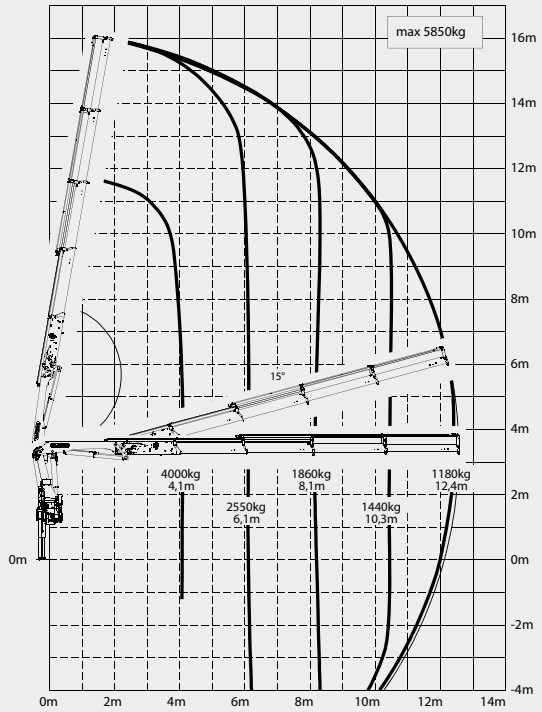




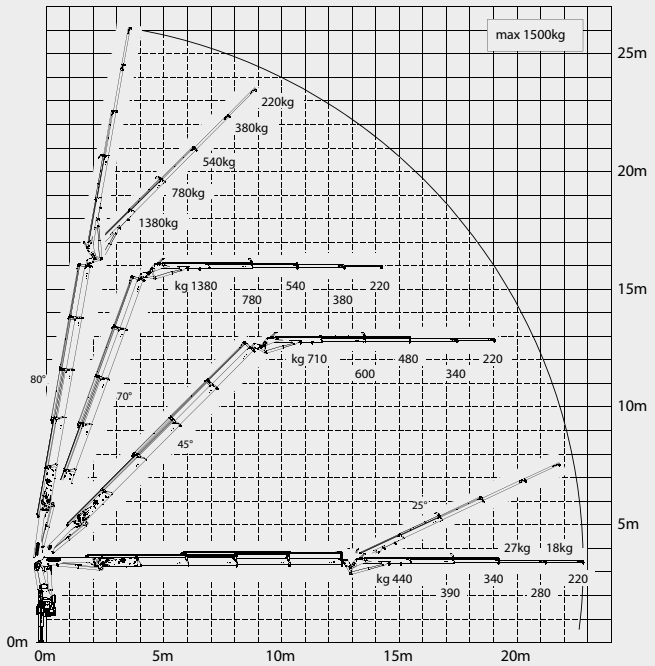

The outreaches stated are with a boom angle of 20° and are therefore not the maximum.

# PROVEN IN
# LONG TERM APPLICATIONS

## C




## C PJ040A JV2




## LIFTING CAPACITIES

**A**

| max. | | 6100 kg | 13500 lbs |
|---|---|---|---|
| 3.9 m | 13 ft | 4300 kg | 9500 lbs |
| 5.9 m | 20 ft | 2850 kg | 6300 lbs |
| 7.9 m | 26 ft | 2150 kg | 4700 lbs |

**B**

| max. | | 6000 kg | 13200 lbs |
|---|---|---|---|
| 4.0 m | 13 ft | 4150 kg | 9100 lbs |
| 6.0 m | 20 ft | 2700 kg | 6000 lbs |
| 8.0 m | 26 ft | 2000 kg | 4400 lbs |
| 10.2 m | 33 ft | 1560 kg | 3450 lbs |
| 12.4 m* | 41 ft | 1220 kg | 2660 lbs |
| 14.6 m* | 48 ft | 970 kg | 2140 lbs |

**C**

| max. | | 5850 kg | 12900 lbs |
|---|---|---|---|
| 4.1 m | 13 ft | 4000 kg | 8800 lbs |
| 6.1 m | 20 ft | 2550 kg | 5700 lbs |
| 8.1 m | 27 ft | 1860 kg | 4100 lbs |
| 10.3 m | 34 ft | 1440 kg | 3200 lbs |
| 12.4 m | 41 ft | 1180 kg | 2600 lbs |
| 14.6 m* | 48 ft | 950 kg | 2080 lbs |
| 16.8 m* | 55 ft | 780 kg | 2020 lbs |

**D**

| max. | | 5750 kg | 12700 lbs |
|---|---|---|---|
| 4.2 m | 14 ft | 3850 kg | 8500 lbs |
| 6.2 m | 20 ft | 2450 kg | 5400 lbs |
| 8.2 m | 27 ft | 1760 kg | 3850 lbs |
| 10.3 m | 34 ft | 1340 kg | 2950 lbs |
| 12.5 m | 41 ft | 1080 kg | 2350 lbs |
| 14.6 m | 48 ft | 900 kg | 2000 lbs |
| 16.8 m* | 55 ft | 740 kg | 1640 lbs |
| 18.8 m* | 62 ft | 620 kg | 1380 lbs |

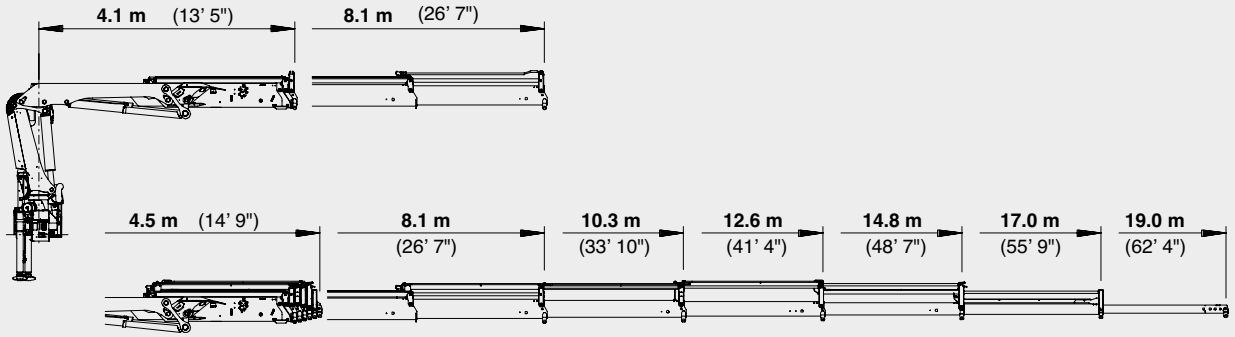
**E**

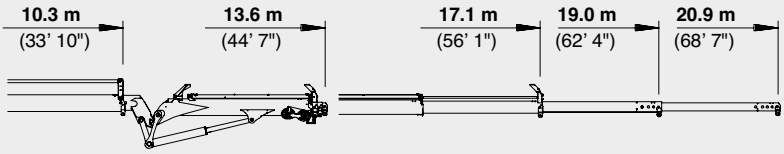
| max. | | 5650 kg | 12500 lbs |
|---|---|---|---|
| 4.3 m | 14 ft | 3700 kg | 8100 lbs |
| 6.3 m | 21 ft | 2350 kg | 5100 lbs |
| 8.3 m | 27 ft | 1640 kg | 3600 lbs |
| 10.4 m | 34 ft | 1220 kg | 2700 lbs |
| 12.6 m | 41 ft | 960 kg | 2150 lbs |
| 14.7 m | 48 ft | 800 kg | 1760 lbs |
| 16.9 m | 55 ft | 690 kg | 1520 lbs |
| 18.9 m* | 62 ft | 580 kg | 1280 lbs |

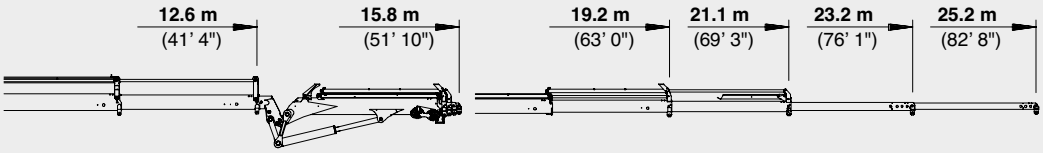
*mechanical extension

# PERFECT DIMENSIONS

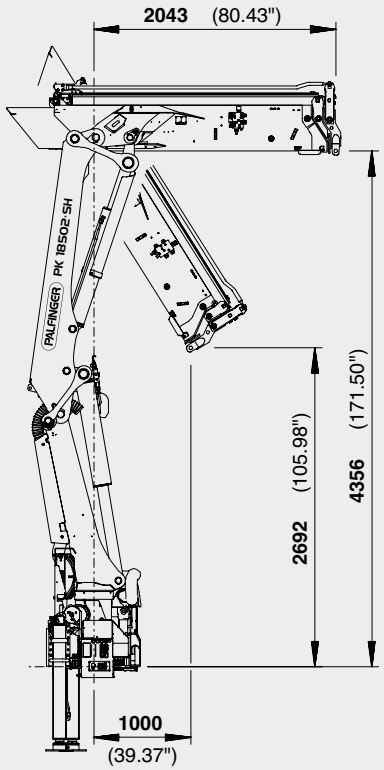
## EXTENSION BOOM VARIATIONS

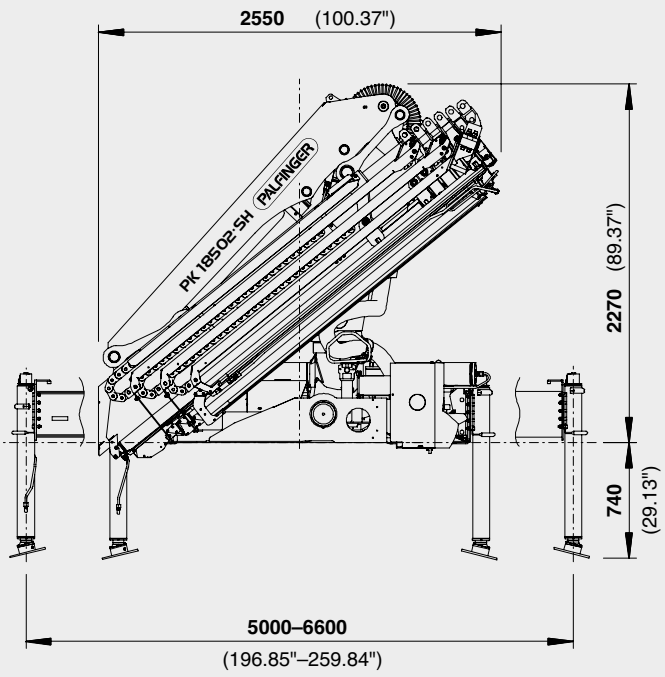



## DIMENSIONS



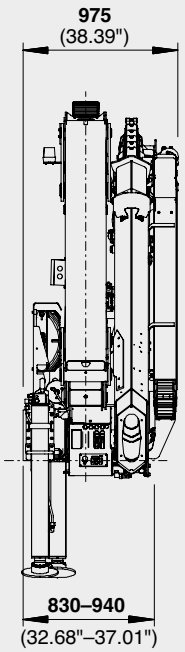
## PK 18502 SH

## B PJ060A JV2

## C PJ060B JV2

## TECHNICAL SPECIFICATIONS (EN 12999 HC1 HD5/B3)

| | | |
|---|---|---|
| max. lifting moment | 17.6 mt/172.7 kNm | 127370 ft.lbs |
| max. lifting capacity | 6200 kg/60.8 kN | 13670 lbs |
| max. hydraulic outreach | 17.0 m | 55' 9'' |
| max. manual outreach | 19.0 m | 62' 4'' |
| max. outreach (with fly-jib) | 25.1 m | 82' 4'' |
| Slewing angle | 420° | |
| Slewing torque | 2.0 mt/19.6 kNm | 14450 ft.lbs |
| Stabilizer spread (std./max.) | 5.0 m / 6.6 m | 16' 5'' / 21' 8'' |
| Fitting space required (std.) | 0.83 m | 2' 9'' |
| Width folded | 2.51 m | 8' 3'' |
| max. operating pressure | 365 bar | 5293 psi |
| Recommended pump capacity | from 60 l/min | 15.9 US gal./min |
| | to 80 l/min | 21.1 US gal./min |
| Dead weight (std.) | 1890 kg | 4167 lbs |



PALFINGER

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The cranes shown in the leaflet may feature optional equiment and may, therefore, differ from the standard version. Country-specific regulations must be observed.
Dimensions may vary.

KP-H14/18502M1+E/E 07 /14, K 05 /15, D 05 /15