

RENAULT

PK100002 E

CONTRACT NUMBER: 2000110720

NEW

ON REQUEST



SPECIFICATION

PK100 002 Extension E

Max. lifting moment 92.2 mt /
904.5 kNm

Max. lifting capacity 30000 kg/ 294.3 66140 lbs
kN

Max. hydraulic 22.0 m 72' 2"
outreach

Max. manual outreach 27.1 m 88' 11"

Max. outreach (with 32.0 m 104' 12"
fly-jib)

Slewing angle continuously
variable

Slewing torque 9.0 mt/ 88.3 kNm 65100
ft.lbs

Stabiliser spread (std.) 8.6 m 28' 3"

OFFER INFORMATION

Location details

Köstendorf, 5203 - Austria 

Dealer Name

PALFINGER EMEA GmbH



Availability

On request

Product type

new

Contract number

2000110720

Dealer E-mail

sales@palfinger.com

Dealer phone

004366488345792

Fitting space required 2.31 m / 2.47 m 7' 7"/ 8' 1"
(std.)

Width folded 2.55
m 8'
4"

Max. operating 365 bar 5293 psi
pressure

Recommended pump from 90 l/min 23.8 US
capacity to 110 l/min gal./min
29.1 US
gal./min

Dead weight (std.) 8800
kg 19400
lbs

TRUCK

Axes	8x4
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PK 100002

WITH HPSC AND POWER LINK PLUS OPERATIONS ARE POSSIBLE EVEN IN RESTRICTED SPACES

LIFETIME EXCELLENCE



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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 availability**
- **More reliability**
- **Better ecology**
- **Higher serviceability**
- **Higher value retention**



ENORMOUS OUTREACH AND PRECISION

- More lifting power due to E-HPLS
- Additional applications due to Power Link Plus
- More efficient and faster due to continuous slewing system
- Shorter loadcycles due to high speed extension
- Maximum reliability due to PAL 50





FIRST-RATE IN DESIGN AND PERFORMANCE

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

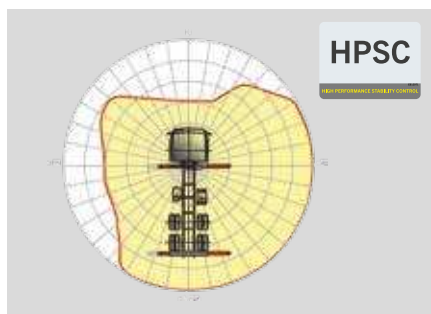
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High Speed Extension

For efficient assignments

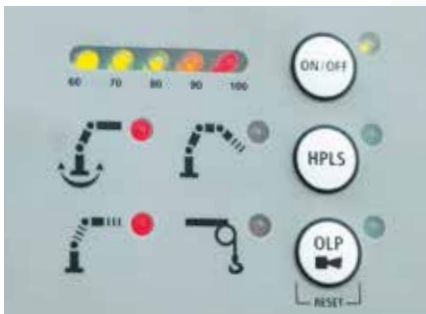
The High Speed Extension speeds up the extension boom system. Crane works faster and more efficiently.



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.



E-HPLS

Increased lifting capacity

The manually activated E-HPLS increases the capacity of the crane up to 10% while the operating speed is reduced. The crane operates more efficiently.



Rope winch

Additional applications

Greatest possible attention was paid to the operator-friendliness and efficiency in use thanks to the high lifting capacity, speed and optimum winding performance.



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.



Radio remote control

Dialogue with the operator

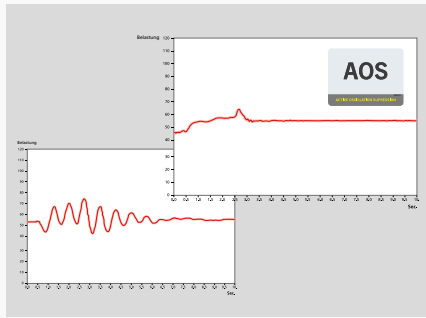
PALFINGER radio remote controls are equipped with linear lever or cross lever and provide the greatest possible comfort for the operator. All EH models with LED-Display inform the crane operator about the different operating conditions.



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.



Fly-Jib

Additional working range

A fly-jib system extends the working range of the crane and increases the possible areas of application. More efficiency in use thanks to the improvement of the movement geometry of the crane.

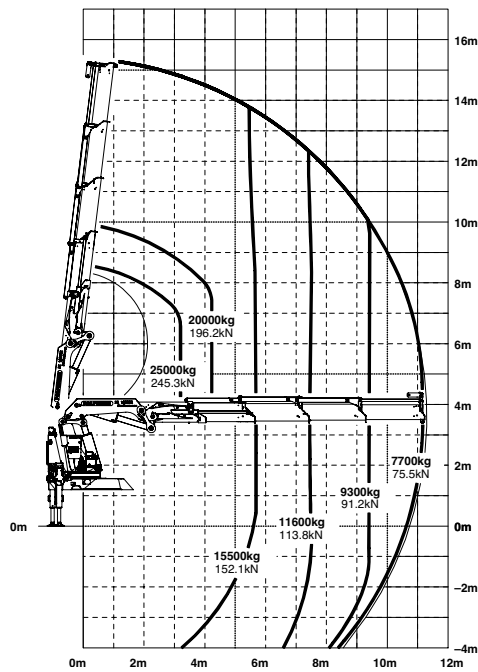


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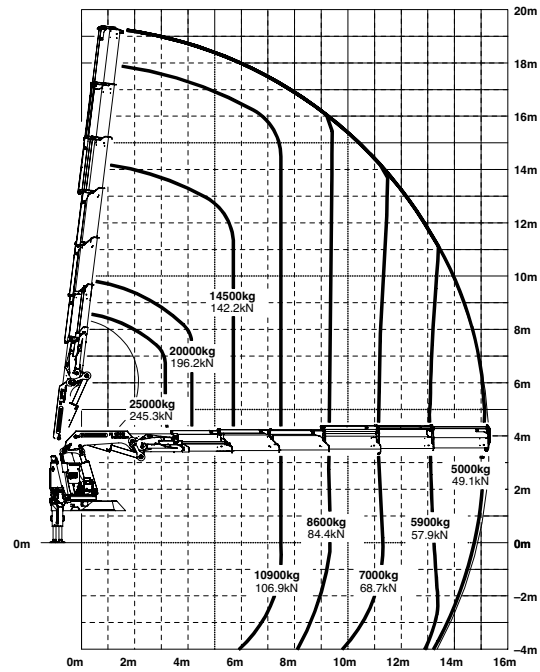
HIGH PERFORMANCE

Reliable in every situation.

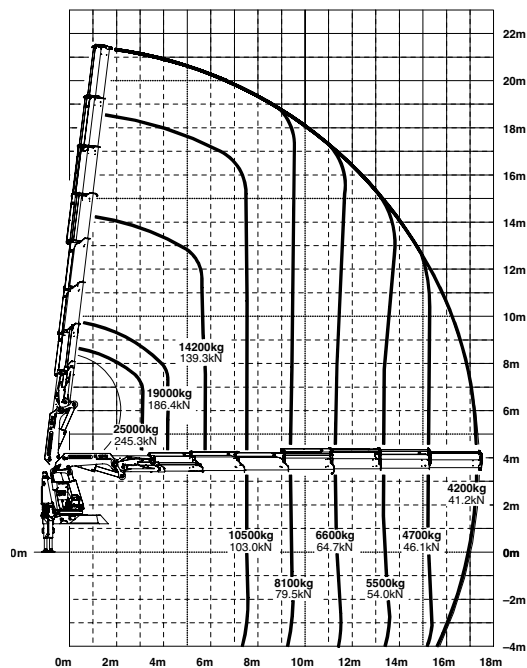
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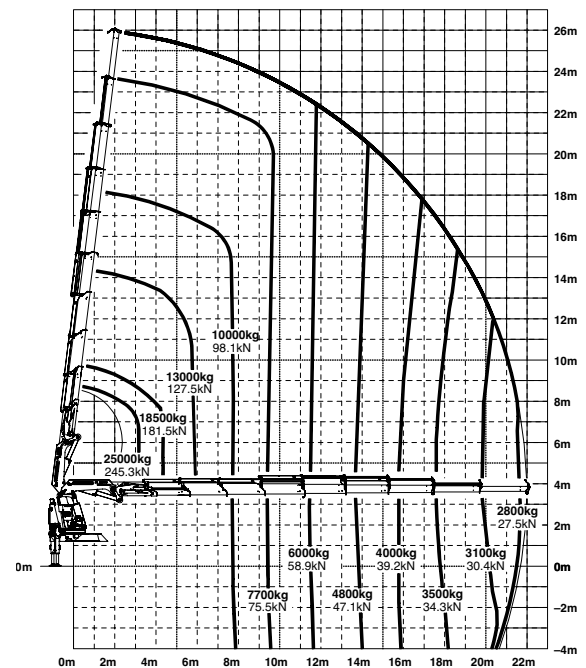
E



F



H



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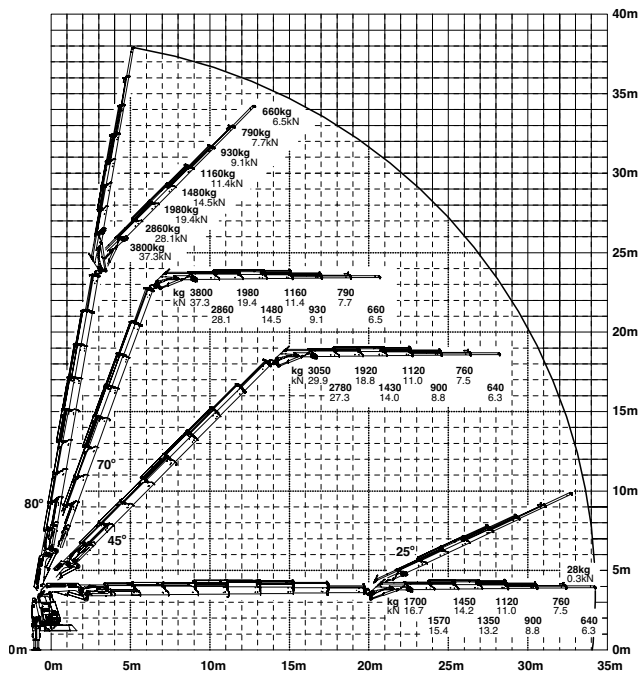
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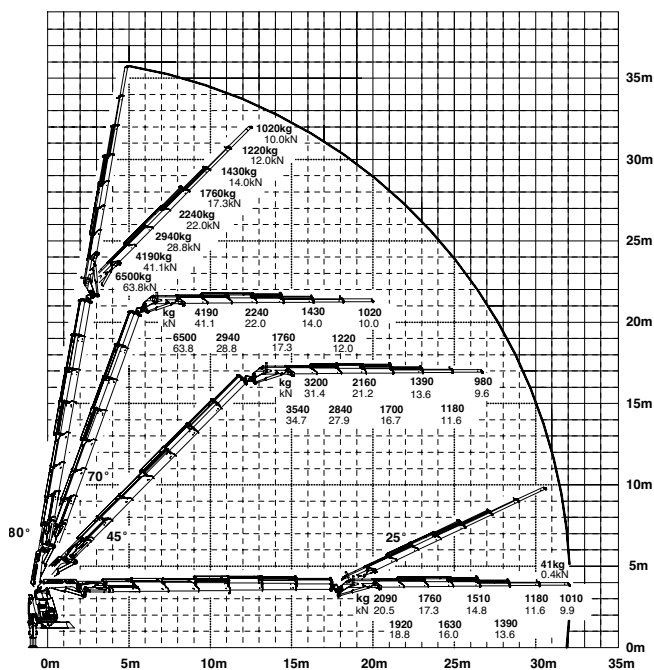
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*mechanical extension

G PJ125E JV1

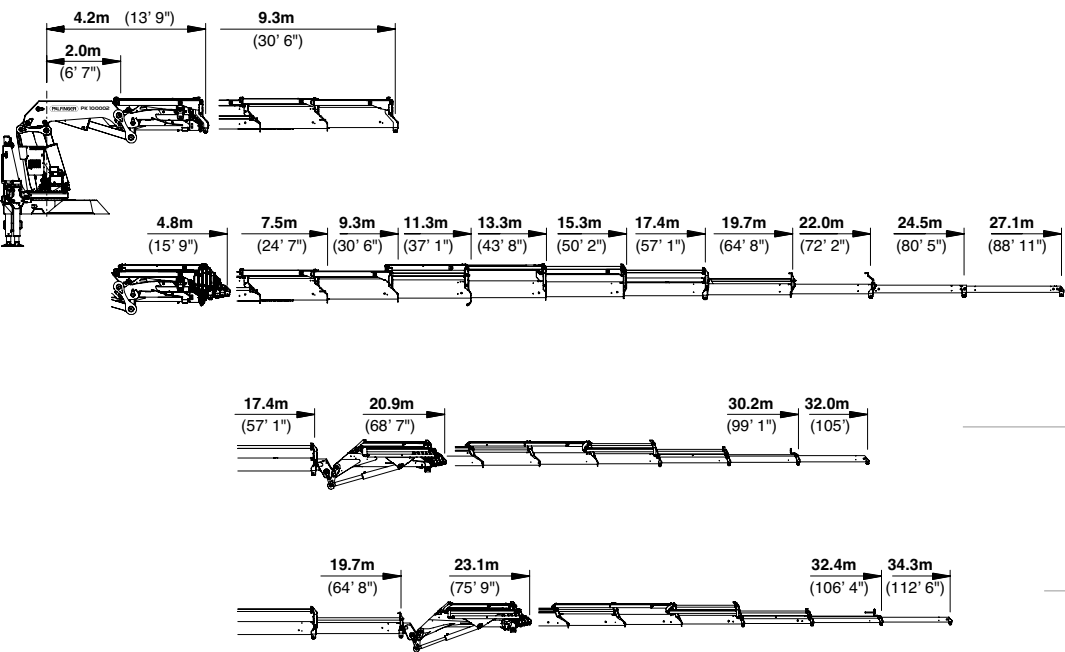


F PJ170 JV1

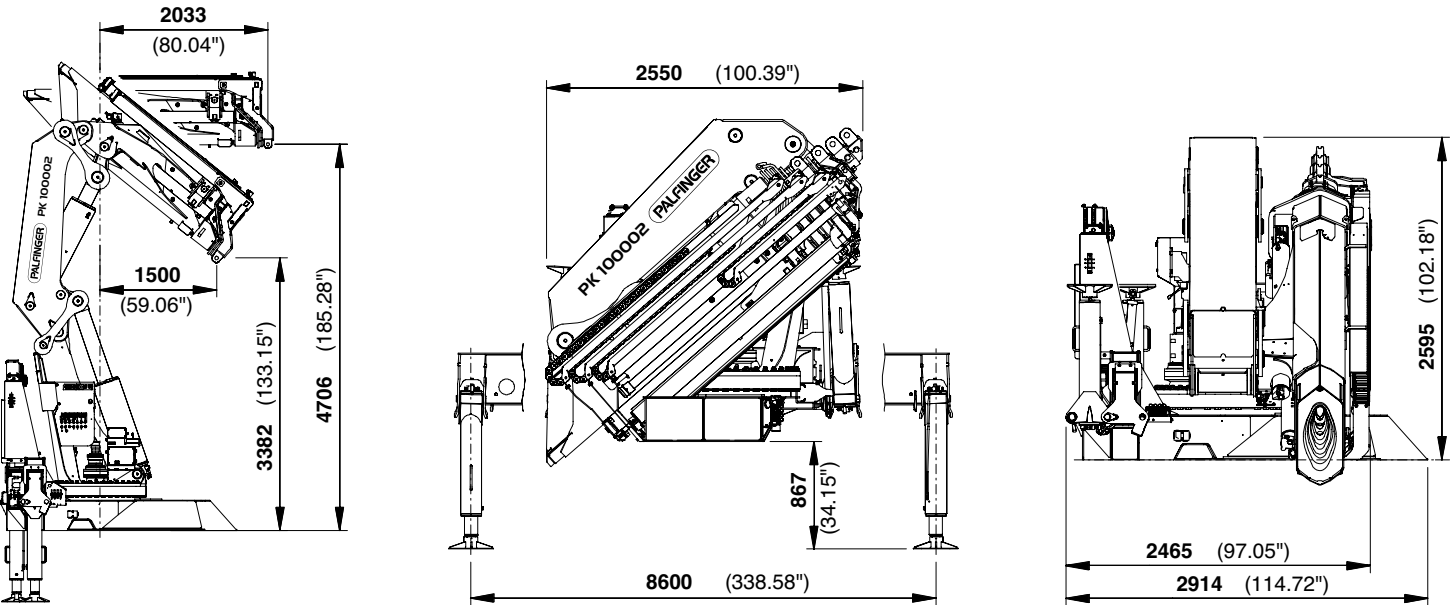


PERFECT DIMENSIONS

EXTENSION BOOM VARIATIONS



DIMENSIONS



Technical specifications

EN 12999 HC1 HD4/B3

PK 100002

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Slewing angle	continuously variable	
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Slewing torque	9.0 mt/88.3 kNm	65100 ft.lbs
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Stabiliser spread (std.)	8.6 m	28' 3"
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F PJ170E JV1

Width folded	2.55 m	8' 4"
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Recommended pump capacity	from 90 l/min to 110 l/min	23.8 US gal./min 29.1 US gal./min
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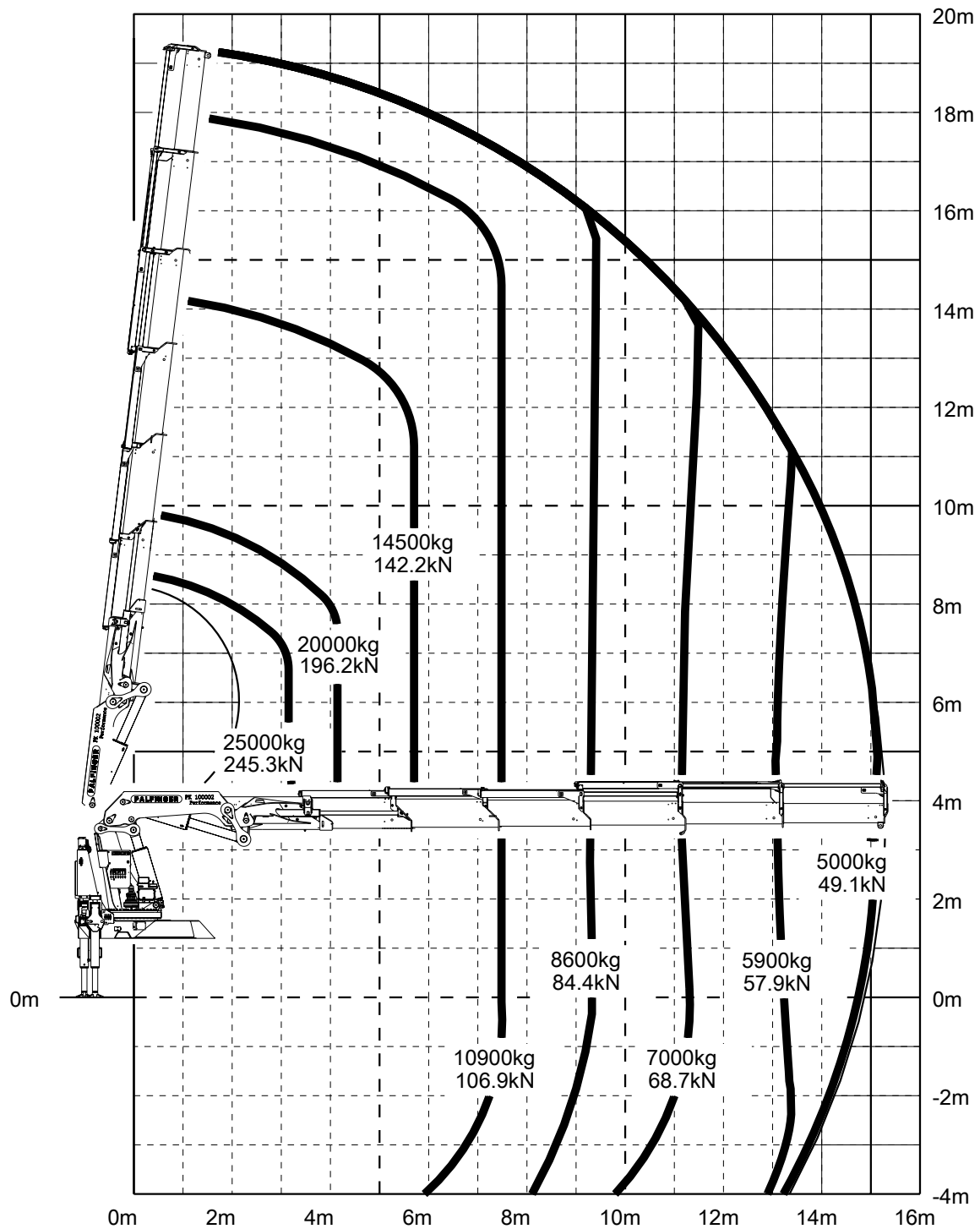
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KP-PK100002M4+EN

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Subject to change, production tolerances have to be taken into account.



When using mechanical boom extensions, the loads shown on the charts need to be reduced by the weight of these extensions.

Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position



For Rope winch load capacity refer to page
Page 020.20100

PK 100002

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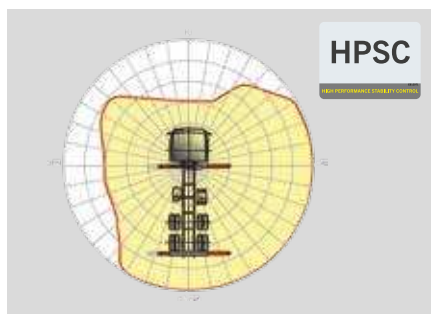
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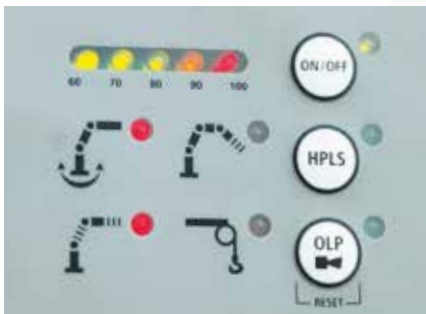
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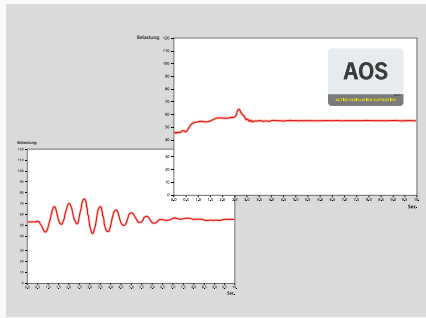
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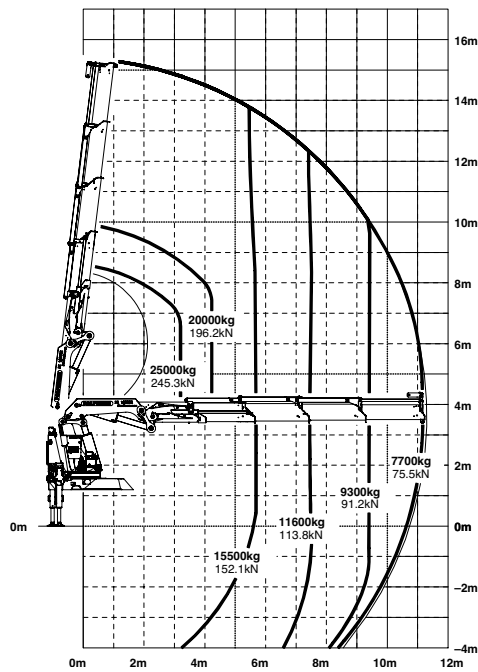


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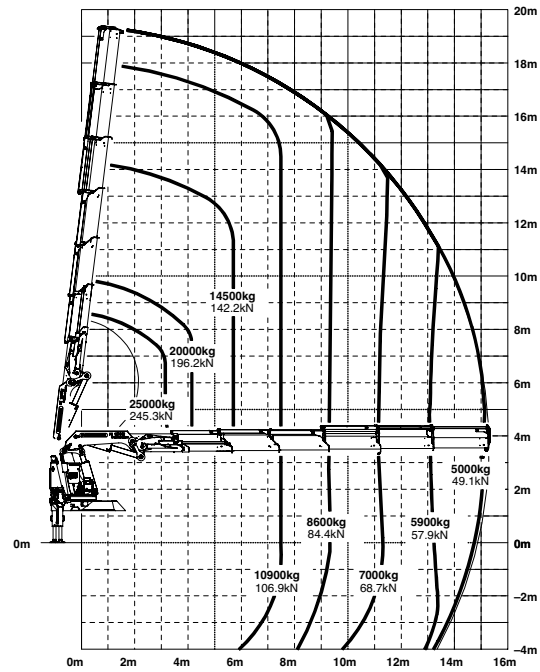
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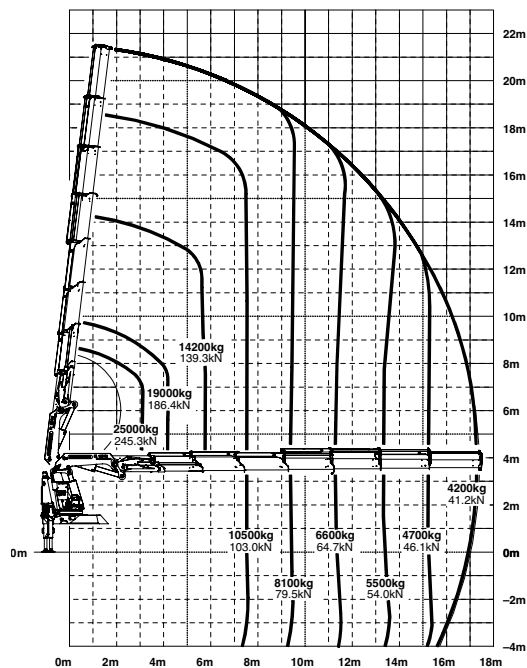
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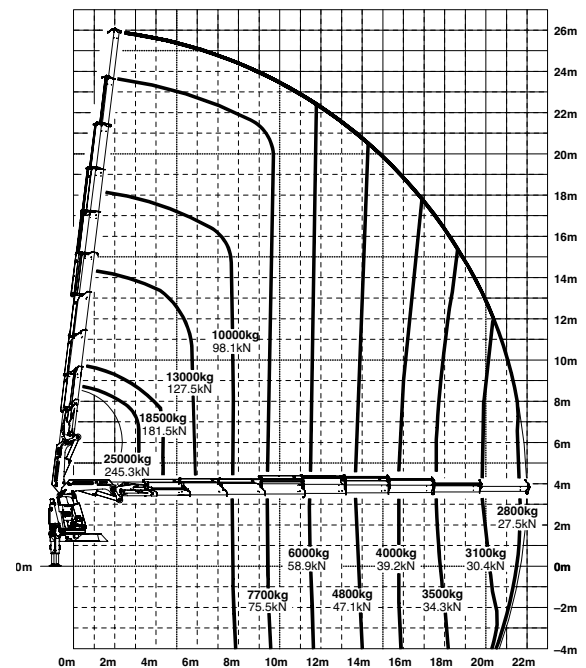
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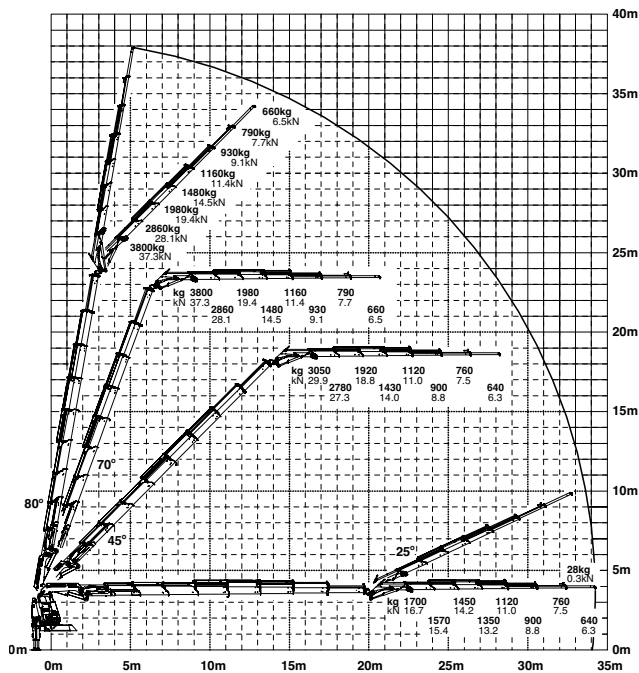
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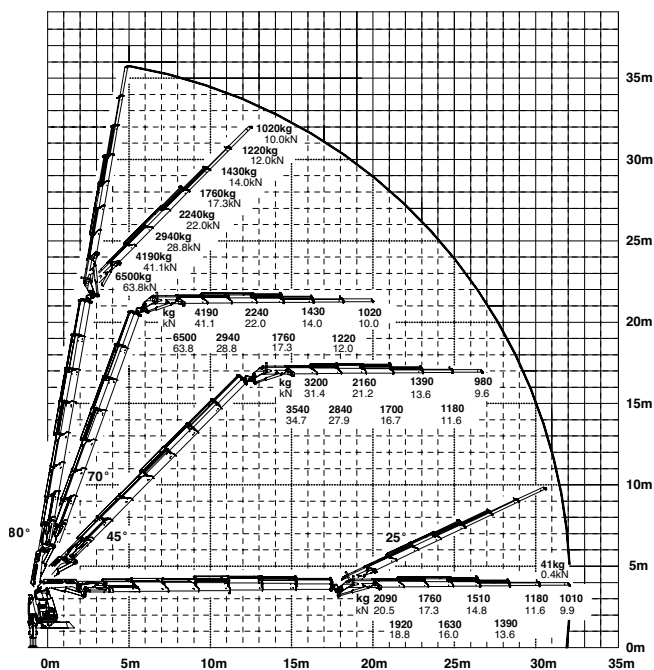
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G PJ125E JV1

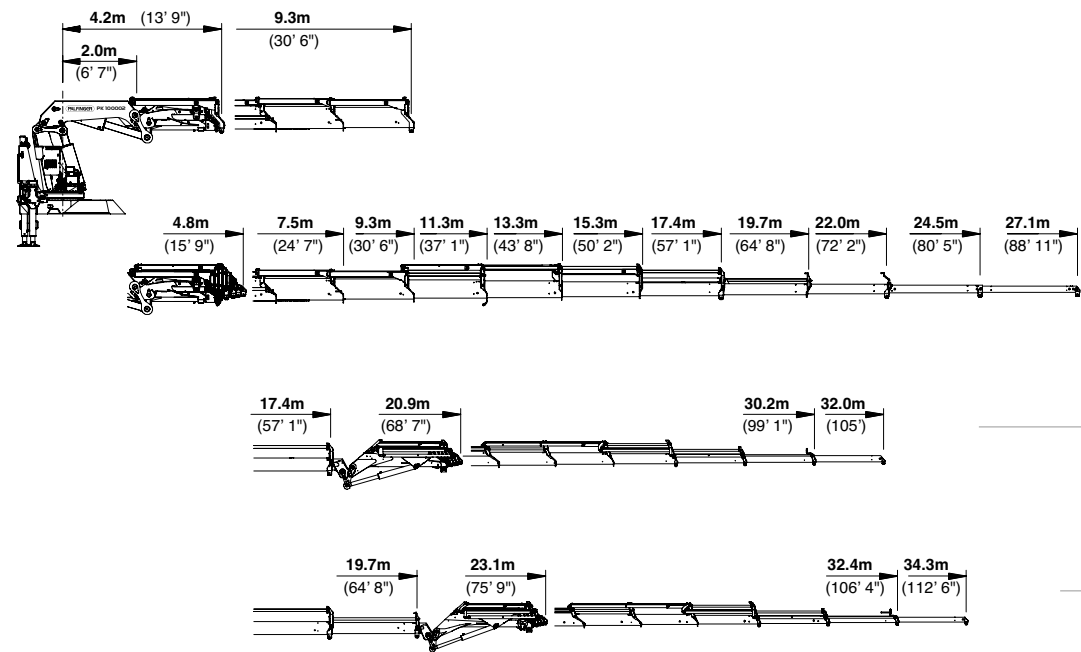


F PJ170 JV1

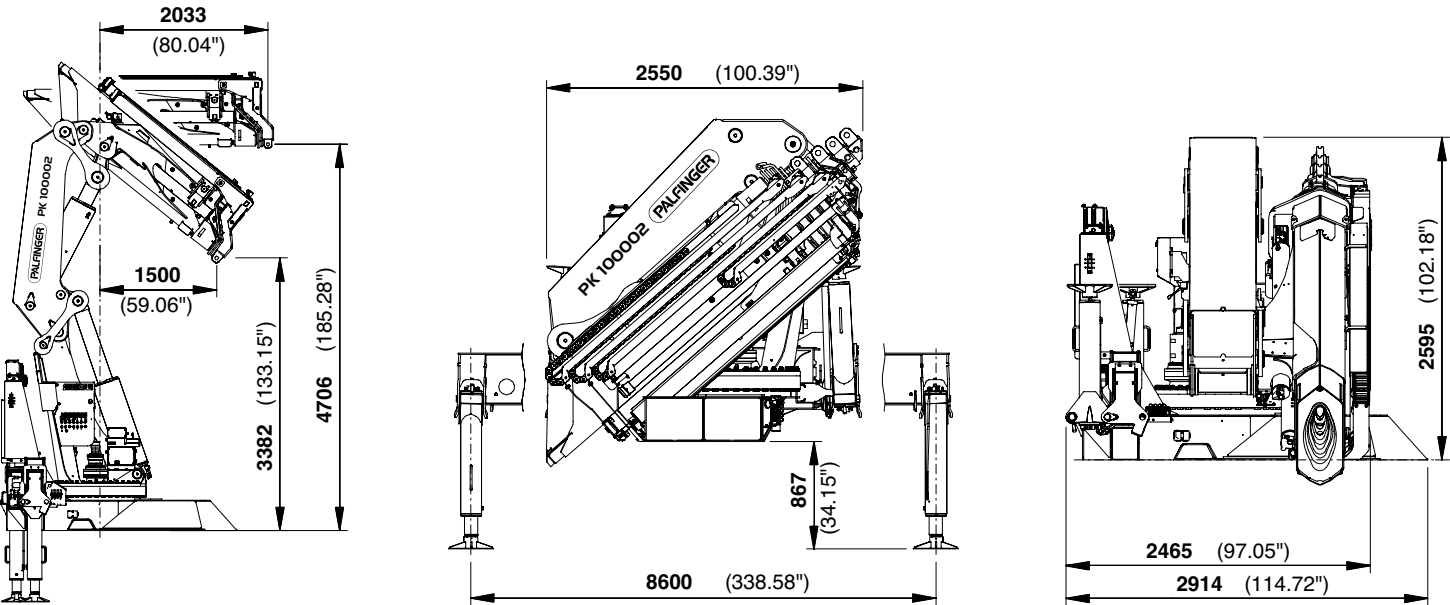


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AVEC LE DISPOSITIF HPSC ET POWER LINK PLUS, DES INTERVENTIONS SONT ÉGALEMENT POSSIBLES DANS DES ESPACES EXIGUS

LIFETIME EXCELLENCE



LIFETIME EXCELLENCE

Les grues de manutention PALFINGER se distinguent de par leur cycle de vie plus long. Elles sont les plus rentables et les plus fiables sur la durée de vie totale du produit, de la recherche de solutions jusqu'à la revente.

- **Des solutions mieux adaptées**
- **Une plus grande efficacité**
- **Une meilleure ergonomie**
- **Un entretien simplifié**
- **Une plus grande fiabilité**
- **Un meilleur respect de l'environnement**
- **Une plus grande maniabilité**
- **Une meilleure valeur de revente**



PORTÉE EXTRÊME ET GRANDE PRÉCISION

- Une plus grande force de levage grâce au E-HPLS
- De nouvelles applications sont possibles grâce au Power Link Plus
- Le système de rotation continue confère plus d'efficacité et de rapidité
- Des cycles de chargement plus courts grâce au système High Speed Extension (recyclage d'huile)
- Une fiabilité optimale grâce au PAL 150





PREMIER CHOIX EN TERMES DE CONCEPTION ET DE PERFORMANCES

12 Highlights



Système de rotation continue

Un rayon d'action illimité

Le déchargement est plus rapide grâce à la possibilité de rotation continue. Le travail de la grue est ainsi plus rapide et plus économique.



Power Link Plus

Polyvalence d'utilisation

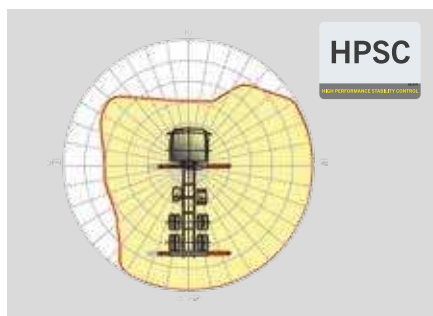
Le deuxième bras peut se relever de jusqu'à 15° au dessus du prolongement du premier bras permettant ainsi d'intervenir dans des espaces limités (ex : ouvertures de portes ou de fenêtre). Il permet de réaliser des travaux de levage exigeants, même dans les conditions les plus difficiles.



Extension à haute vitesse

Pour des interventions efficaces

L'extension à haute vitesse montée en série augmente la vitesse de déploiement du système de bras. Le fonctionnement de la grue est de ce fait nettement plus rapide et plus rentable.



HPSC

Optimisation de la zone de travail

La flexibilité de positionnement des stabilisateurs offerte par l'HPSC (High Performance Stability Control System) permet une exploitation maximale de la force de levage. Le système permet aussi de travailler dans des espaces exigus.



PAL 50

Confort et sécurité

La Paltronic 50 que PALFINGER propose est une électronique de commande pour les grues de série. Ce système électronique sur mesure pilote et surveille la grue et assure une facilité d'emploi et une sécurité accrues en service.



E-HPLS

Plus grande force de levage

Pouvant être enclenché manuellement, l'E-HPLS augmente la capacité de la grue de 10 % en cas de vitesse de travail réduite. Le fonctionnement de la grue est ainsi nettement plus rentable.



Treuil

Utilisations étendues

Grande attention accordée à la facilité d'emploi et à la rentabilité à travers une puissance de levage et une vitesse élevées et un comportement d'enroulement/déroulement optimal.



Châssis intégral

Intégration parfaite

La structure présente une très haute résistance à la torsion grâce au châssis intégral. La hauteur totale moindre de la structure et la réduction du poids se traduisent par une rentabilité supérieure en service.



Radiocommande

En dialogue avec l'utilisateur

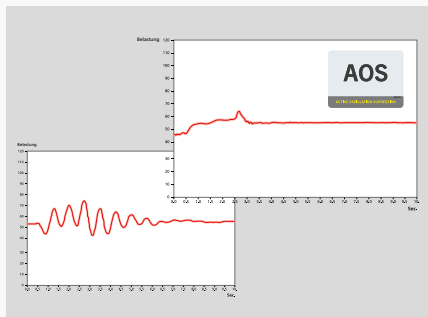
Les radiocommandes de PALFINGER sont équipées au choix de leviers linéaires ou en croix. Sur tous les modèles EH, un affichage à LED informe le conducteur de la grue sur les différents états de fonctionnement.



Système de tuyaux pour engins additionnels

Polyvalent et d'une utilisation facile

Le système de tuyaux permet de raccorder très simplement des engins additionnels. La pose du système de tuyaux s'opère dans les bacs à tuyaux qui les protègent.



AOS

Pour un maximum de précision et de sécurité

Le Système actif d'Amortissement des Oscillations compense les oscillations générées par des freinages brusques ou de fortes alternances de charge. Il permet de réduire les pics de tension sur le système de rotation réduisant ainsi l'usure des composants et préservant la valeur de revente du matériel.



Fly-Jib

Zones de travail supplémentaires

Un système de bras coudé supplémentaire (Fly-Jib) étend la zone de travail de la grue et augmente ainsi les domaines d'applications possibles. L'amélioration de la géométrie cinétique accroît la rentabilité en service.

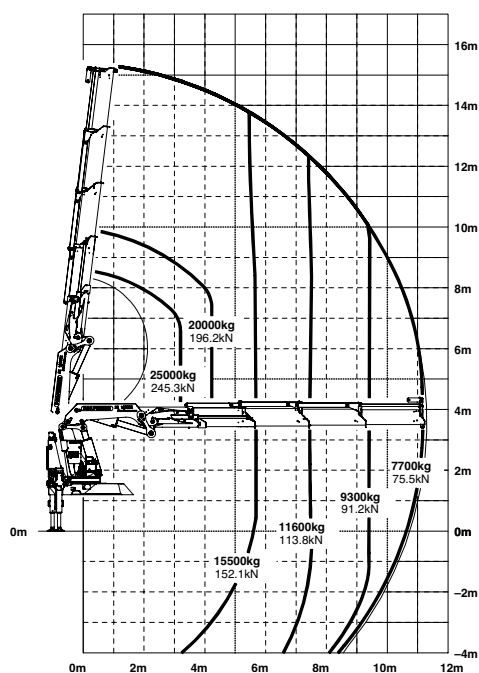


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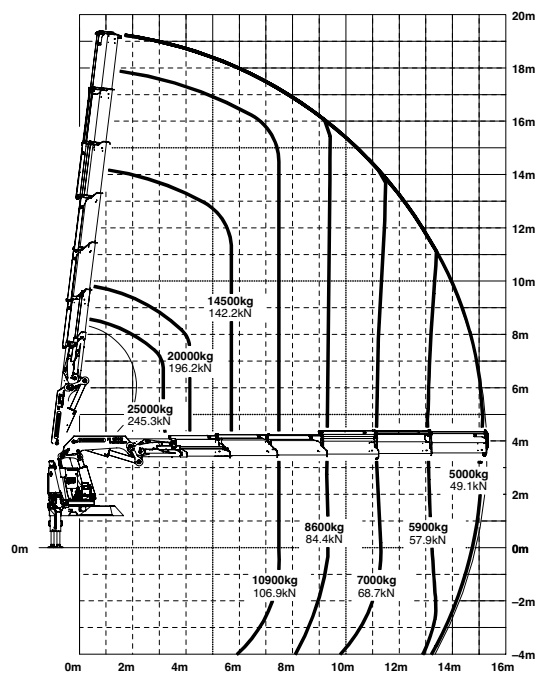
HIGH PERFORMANCE

Fiabilité en toutes circonstances.

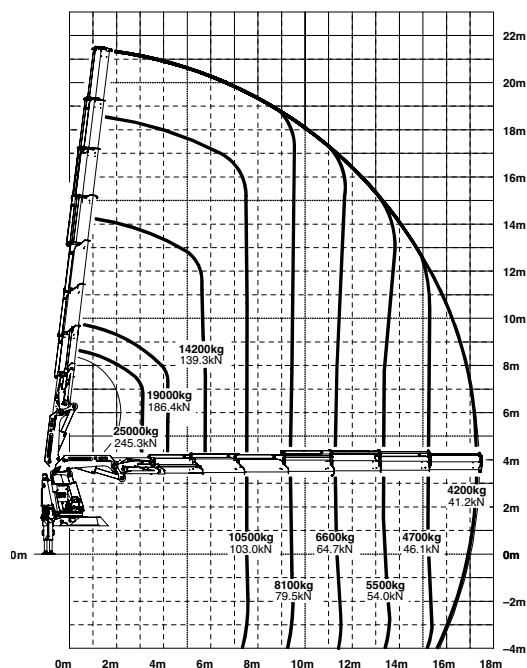
C



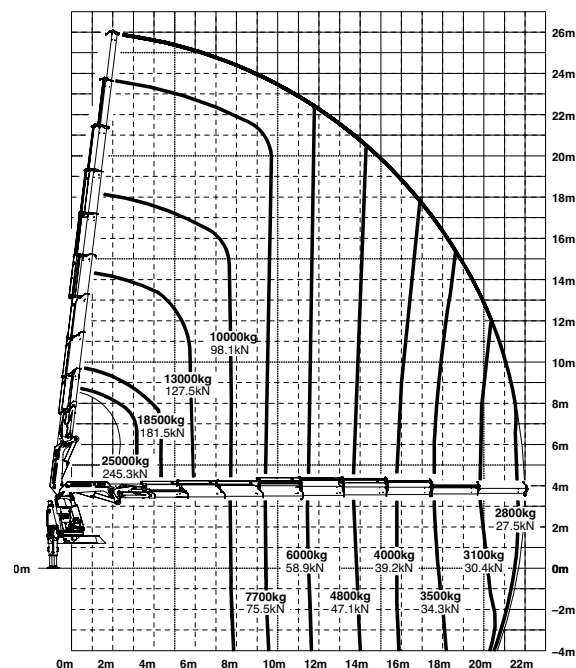
E



F



H



Les portées indiquées sont basées sur le bras principal formant un angle de 20° par rapport à l'horizontale et ne sont pas des maximums.

Forces de levage

max.	30000 kg /294,3 kN	B
4,4 m	19900 kg /195,2 kN	
5,6 m	15700 kg /154,0 kN	
7,4 m	12000 kg /117,7 kN	
9,2 m	9700 kg /95,2 kN	

max.	30000 kg /294,3 kN	C
4,4 m	19640 kg /192,7 kN	
5,6 m	15400 kg /151,1 kN	
7,4 m	11640 kg /114,2 kN	
9,2 m	9320 kg /91,4 kN	
11,1 m	7720 kg /75,7 kN	

max.	30000 kg /294,3 kN	D
4,4 m	19300 kg /189,3 kN	
5,6 m	15100 kg /148,1 kN	
7,4 m	11300 kg /110,9 kN	
9,2 m	8960 kg /87,9 kN	
11,1 m	7370 kg /72,3 kN	
13,1 m	6230 kg /61,1 kN	

max.	30000 kg /294,3 kN	E
4,4 m	19000 kg /186,4 kN	
5,6 m	14800 kg /145,2 kN	
7,4 m	10960 kg /107,5 kN	
9,2 m	8630 kg /84,7 kN	
11,1 m	7020 kg /68,9 kN	
13,1 m	5870 kg /57,6 kN	
15,2 m	5050 kg /49,5 kN	

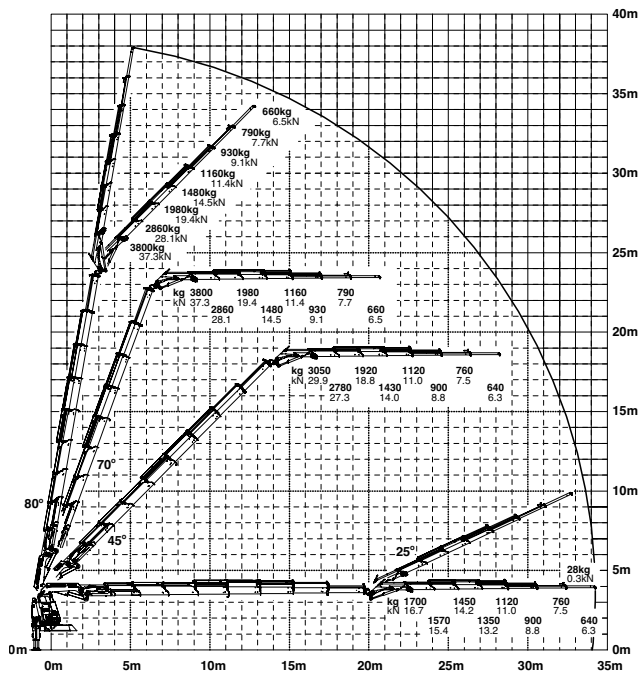
max.	30000 kg /294,3 kN	F
4,4 m	18800 kg /184,4 kN	
5,6 m	14530 kg /142,5 kN	
7,4 m	10670 kg /104,7 kN	
9,2 m	8300 kg /81,4 kN	
11,1 m	6700 kg /65,7 kN	
13,1 m	5540 kg /54,3 kN	
15,2 m	4700 kg /46,1 kN	
17,3 m	4120 kg /40,4 kN	
19,5 m*	3500 kg /34,3 kN	
21,8 m*	3000 kg /29,4 kN	

max.	30000 kg /294,3 kN	G
4,4 m	18620 kg /182,7 kN	
5,6 m	14330 kg /140,6 kN	
7,4 m	10430 kg /102,3 kN	
9,2 m	7960 kg /78,1 kN	
11,1 m	6360 kg /62,4 kN	
13,1 m	5220 kg /51,2 kN	
15,2 m	4420 kg /43,4 kN	
17,3 m	3820 kg /37,5 kN	
19,6 m	3350 kg /32,9 kN	
21,7 m*	2880 kg /28,3 kN	
24,8 m*	2480 kg /24,3 kN	

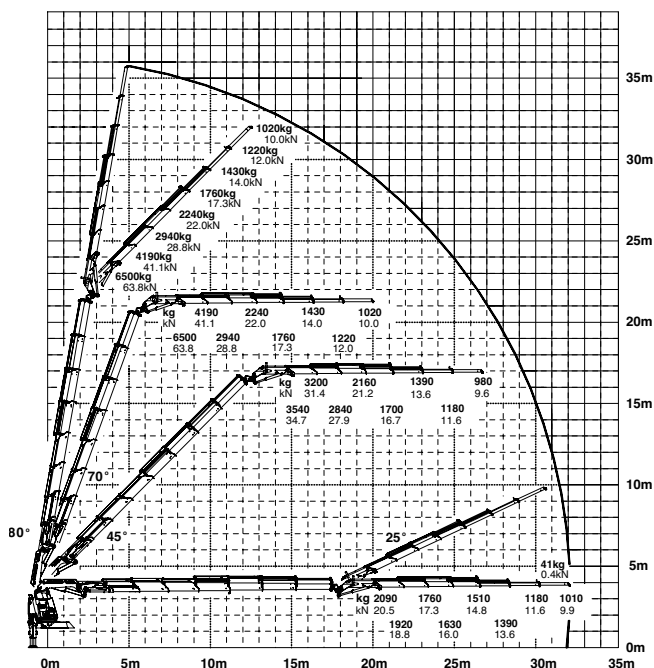
max.	29200 kg /286,5 kN	H
4,4 m	18500 kg /181,5 kN	
5,6 m	14150 kg /138,8 kN	
7,4 m	10200 kg /100,1 kN	
9,2 m	7850 kg /77,0 kN	
11,1 m	6200 kg /60,8 kN	
13,1 m	5030 kg /49,3 kN	
15,2 m	4200 kg /41,2 kN	
17,3 m	3580 kg /35,1 kN	
19,6 m	3100 kg /30,4 kN	
21,9 m	2770 kg /27,2 kN	
24,3 m*	2400 kg /23,5 kN	
26,9 m*	1650 kg /16,2 kN	

* Extension mécanique

G PJ125E JV1

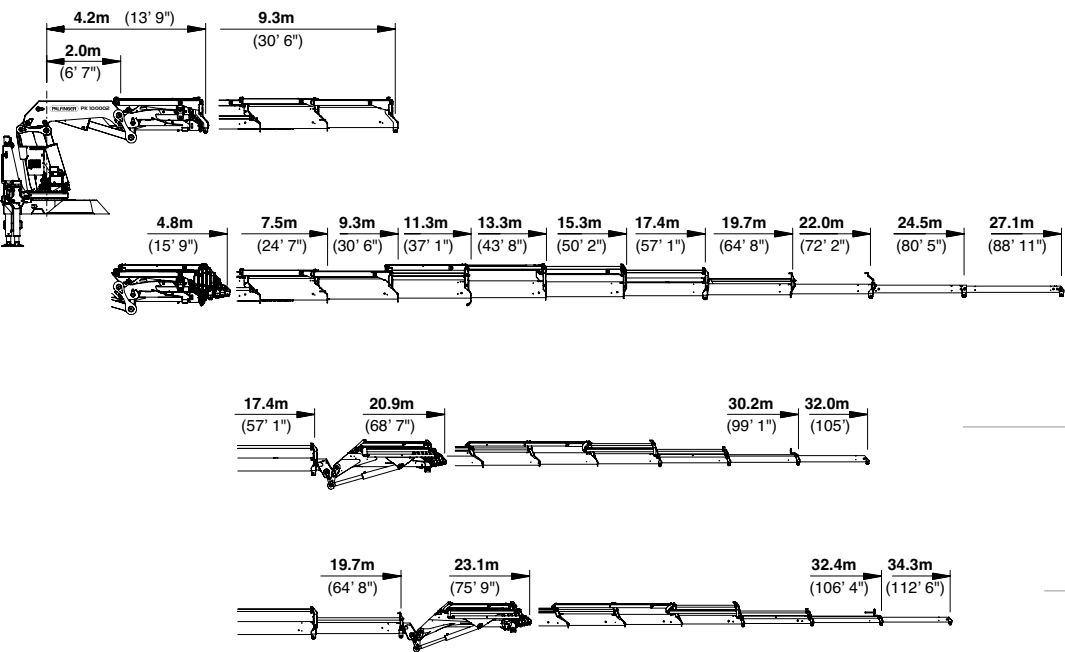


F PJ170 JV1

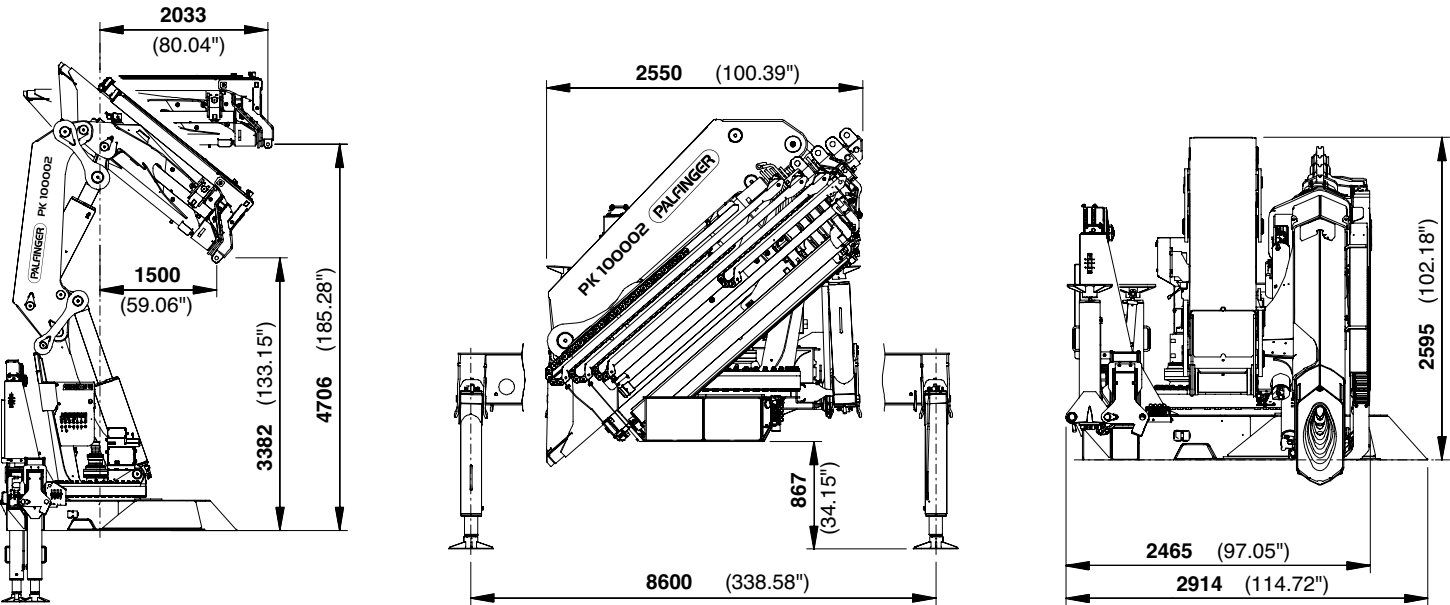


DIMENSIONS PARFAITES

NOMBREUSES EXTENSIONS



DIMENSIONS



Caractéristiques techniques

EN 12999 HC1 HD4/B3

PK 100002

Couple de levage maximum	92,2 mt/904,5 kNm
Capacité de levage maximale	30000 kg/294,3 kN
Portée hydraulique maximale	22,0 m
Portée manuelle maximale	27,1 m
Portée maximale (avec fly-jib)	34,3 m
Angle de rotation	interminable
Couple de rotation	9,0 mt/88,3 kNm
Ecartement des stabilisateurs	8,6 m
Espace nécessaire au montage	2,55 m
Largeur de la grue repliée	2,55 m
Pression d'utilisation maximum	365 bar
Débit de pompe recommand	de 90 l/min á 110 l/min
Poids de la grue (std.)	8800 kg

F PJ170E JV1

G PJ125E JV1



KP-PK100002M4+FR

Certaines grues en photos dans ce document sont dotées d'équipements optionnels et ne correspondent pas au modèle standard. Des réglementations nationales spécifiques relatives à la configuration des grues sont à observer. Les dimensions ne revêtent pas un caractère contraignant. Sous réserve de modifications techniques, d'omissions et d'erreurs de traduction.