

PK 20002

Performance

PALFINGER



UNMATCHED MOVEMENT GEOMETRY FOR EVEN MORE
VERSATILITY



THE PK 20002: CAN HANDLE REALLY DIFFICULT JOBS – THANKS TO POWER LINK PLUS

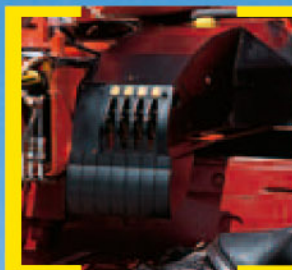
The PK 20002 *Performance* impresses: Through the Power Link Plus system it achieves a movement geometry of 195 ° – unmatched in its class! As a result the PK 20002 *Performance* can not only handle the classic range of applications but also duty where space is tight. With a stabiliser spread of up to 6.6 metres this crane is also equipped for demanding jobs. And not least: As a *Performance* crane with the Advanced Package it offers a compact design and equipment to make working efficient.



A TYPICAL PERFORMANCE CRANE: SYNERGY OF FUNCTION AND DESIGN

Functional Design

- Protective covering for the entire electronic system
- Protective covering in the area of the control valve
- Protective covering for the hoses behind the crane column
- Spiral tube hose behind the crane column



Load-holding valves

They prevent the crane arm from dropping and are fitted as standard onto the slewing mechanism, elevating arm, and extension cylinders. The valves are positioned in such a way that they are protected from being damaged.



Advanced Package

- Oil cooler installed
- Electronic HPLS
- PALFINGER radio remote control
- PALTRONIC 50
- Functional Design
- External 200-l additional tank



Central lubrication

For all bearings on the base frame.



Return oil utilisation

The high speed of the extension system is impressive. It results from return oil utilisation, which is installed as standard, and the generously dimensioned hydraulic lines. This makes for increased efficiency in any type of working!

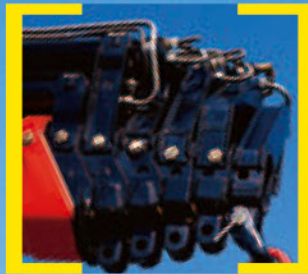


Internally routed oil ducts

The internally routed oil ducts permit a compact design for the extension system and ensure perfect protection from damage.



THE ADVANCED PACKAGE EXPANDS YOUR SCOPE



Adjustable guide blocks

Ensure optimal lateral guidance of the extension system.

Power Link Plus

This knuckle boom specially developed by PALFINGER which can be tilted 15 degrees upwards stands out by virtue of excellent movement geometry. Even in the tightest spaces difficult crane jobs can be carried out without any problems.



Hose equipment for accessories

With this option you can provide the oil supply to accessories. The hoses are routed in compact troughs and plastic link chains. They are therefore optimally protected.



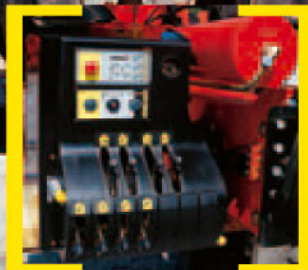
Extension system

- The extension cylinders are guided in Jordal rails over rollers.
- Optimal height compensation of the extension cylinders.



Control valve

In combination with the PALFINGER radio control system the load sensing proportional valve enables the crane to be adjusted very slightly.

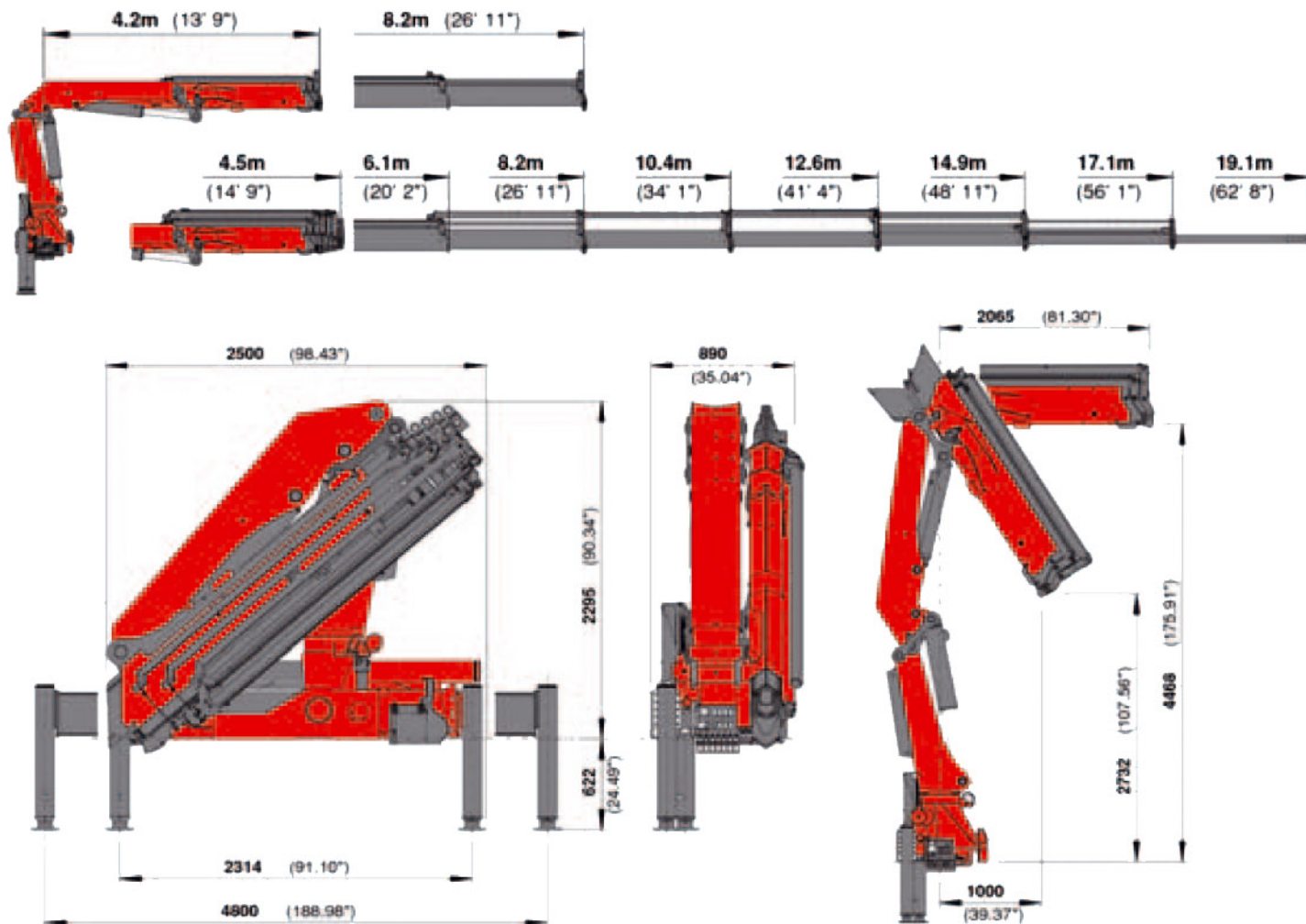


Outrigger system

The standard 4.8 m outrigger system ensures optional stability. As an option a 5.6 m resp. 6.6 m telescopic stabiliser system is available. The internally routed tubing in the outriggers for supplying the support cylinders guarantees optimal protection from damage at all times. On request support cylinders which can be swivelled up hydraulically 180° can be supplied.

AOS

The Active Oscillation Suppression system, which is available exclusively from PALFINGER, compensates for jolts and sharp stress cycles caused by crane operation. Because oscillations are eradicated, the crane can work with pin-point accuracy much more quickly and therefore more cost-efficiently.



PK 20002 Performance

Technical specifications (DIN 15018 H1-B3)

Max. lifting moment	19.0 mt/186.4 kNm	137430 ft.lbs
Max. lifting capacity	6100 kg/59.8 kN	13450 lbs
Max. hydraulic outreach	17.1 m	56' 1"
Slewing angle	400°	

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Standard crane		
Slewing torque	2.3 mt/22.6 kNm	16660 ft.lbs
Outreach	8.2 m	26' 11"
Stabilizer spread standard	4.8 m	15' 9"
Stabilizer spread maximum	6.6 m	21' 8"
Fitting space required	0.89 m	2' 11"
Width folded	2.5 m	8' 2"
Operating pressure	330 bar	4785 psi
Recommended pump capacity	from 65 l/min.	14.3 imp.gal./min. 17.2 US gal./min
with radio remote control and LS-System	to 80 l/min.	17.6 imp.gal./min. 21.1 US gal./min
Dead weight standard crane	2270 kg	5000 lbs

Executions shown in the leaflet are not always corresponding to standard execution. Design and specification are subject to change without prior notice. Country-specific regulations are to be considered for the crane installation.

PK 20002 – DIMENSIONS THAT SAY IT ALL

Max. lifting capacities

PK 20002 Performance A				
hydraulic				
max. lifting capacity: 6100 kg/13450 lbs				
Outreach		Capacity		
4.1 m	13' 5"	4560 kg	10050 lbs	
6.1 m	20' 0"	3010 kg	6640 lbs	
8.1 m	26' 7"	2250 kg	4960 lbs	

PK 20002 Performance B				
hydraulic				
max. lifting capacity: 5900 kg/13010 lbs				
Outreach		Capacity		
4.1 m	13' 5"	4350 kg	9590 lbs	
6.1 m	20' 0"	2830 kg	6240 lbs	
8.1 m	26' 7"	2080 kg	4590 lbs	
10.3 m	33' 10"	1630 kg	3590 lbs	
manual				
12.5 m	41' 0"	1270 kg	2800 lbs	
14.7 m	48' 3"	1020 kg	2250 lbs	
16.8 m	55' 1"	850 kg	1870 lbs	

PK 20002 Performance C				
hydraulic				
max. lifting capacity: 5800 kg/12790 lbs				
Outreach		Capacity		
4.1 m	13' 5"	4180 kg	9220 lbs	
6.1 m	20' 0"	2690 kg	5930 lbs	
8.1 m	26' 7"	1950 kg	4300 lbs	
10.3 m	33' 10"	1500 kg	3310 lbs	
12.5 m	41' 0"	1230 kg	2710 lbs	
manual				
14.7 m	48' 3"	990 kg	2180 lbs	
16.8 m	55' 1"	820 kg	1810 lbs	
18.8 m	61' 8"	620 kg	1370 lbs	

PK 20002 Performance D				
hydraulic				
max. lifting capacity: 5650 kg/12460 lbs				
Outreach		Capacity		
4.1 m	13' 5"	4000 kg	8820 lbs	
6.1 m	20' 0"	2540 kg	5600 lbs	
8.1 m	26' 7"	1810 kg	3990 lbs	
10.3 m	33' 10"	1370 kg	3020 lbs	
12.5 m	41' 0"	1100 kg	2430 lbs	
14.7 m	48' 3"	930 kg	2050 lbs	
manual				
16.9 m	55' 5"	760 kg	1680 lbs	
18.9 m	62' 0"	620 kg	1370 lbs	

PK 20002 Performance E				
hydraulic				
max. lifting capacity: 5550 kg/12240 lbs				
Outreach		Capacity		
4.1 m	13' 5"	3840 kg	8470 lbs	
6.1 m	20' 0"	2420 kg	5340 lbs	
8.1 m	26' 7"	1690 kg	3730 lbs	
10.3 m	33' 10"	1250 kg	2760 lbs	
12.5 m	41' 0"	980 kg	2160 lbs	
14.7 m	48' 3"	810 kg	1790 lbs	
16.9 m	55' 5"	700 kg	1540 lbs	
manual				
18.9 m	62' 0"	590 kg	1300 lbs	

The reaches are indicated for a 20° main boom position and are therefore not the maximum ones.

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