



# PK 12502

*Performance*



THE PERFECT ALL-ROUNDER CRANE





# THE PERFECT INTERPLAY OF TECHNOLOGY, FUNCTION AND DESIGN

The completely enclosed electronics and the internally routed hydraulic hoses guarantee easy maintenance and reliability. This yields high efficiency! The appearance of the *Performance* cranes underlines the new line from PALFINGER: function and design in synergy.





THE PALFINGER ADVANCED PACKAGE OF EXTENDED EQUIPMENT COMES AS STANDARD WITH THIS CRANE

Adjustable slide blocks



Return oil use

By using of the return oil flow in the extension system, the operating speed is increased by 30 per cent.



Internally routed oil ducts

On the multiple extensions there are no hydraulic hoses between the cylinders. The internally routed oil passages make it possible to have a compact boom design.

Extension system

The extension cylinders are guided in Jordal rails over rollers.



Height compensation

Functional design

- Enclosure of the entire electronic system
- Enclosure in the area of the control valve
- Enclosure of the hoses behind the crane column
- Spiral tube hose between base frame and crane column





# THE PK 12502 *PERFORMANCE* IS EQUIPPED WITH THE PROVEN PALFINGER POWER LINK SYSTEM



## 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 thus optimally protected.



## Load-holding valves

They prevent the crane boom from dropping and are fitted as standard on both lifting and extension cylinders. The valves are positioned in such a way that they are protected from accidental damaged.



## Control valve

The load-sensing proportional valve in combination with the PALFINGER radio control system permits very sensitive crane control.

## Central lubrication

for all bearings on the base frame.

## Outrigger widths

The PK 12502 *Performance* fits to all normal truck chassis designs. Three outrigger widths are possible: 4.6 m mechanical, 5.6 m respectively 6.6 m hydraulic.

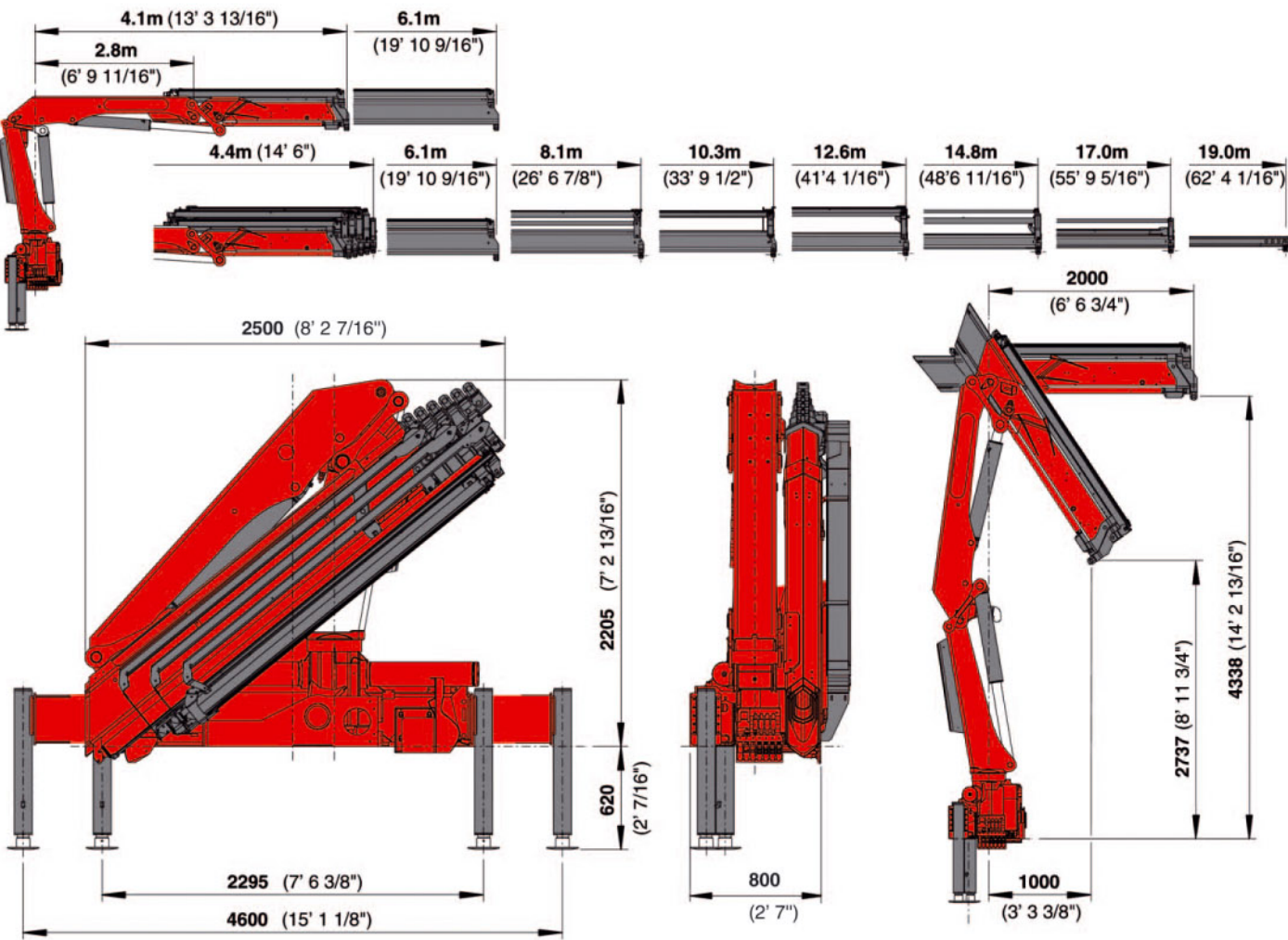


## The Advanced Package

- PALFINGER radio control
- PALTRONIC 50
- Oil cooler
- External 140 l additional tank
- The complete *Performance* design package
- electr. HPLS



# THE PK 12502 *PERFORMANCE* UNDERLINES THE INNOVATIVE PROWESS OF PALFINGER



| PK 12502 Performance                       |                   |              |  |
|--------------------------------------------|-------------------|--------------|--|
| Technical specifications (DIN 15018 H1-B3) |                   |              |  |
| Max. lifting moment                        | 12.1 mt/119.0 kNm | 87740 ft.lbs |  |
| Max. lifting capacity                      | 6200 kg/60.8 kN   | 13670 lbs    |  |
| Max. hydraulic outreach                    | 17.0 m            | 55' 9"       |  |
| Maximum outreach                           | 19.0 m            | 62' 4"       |  |
| Slewing angle                              | 420°              |              |  |

| PK 12502 Performance                               |                 |                    |                  |
|----------------------------------------------------|-----------------|--------------------|------------------|
| Standard crane                                     |                 |                    |                  |
| Slewing torque                                     | 1.4 mt/17.7 kNm | 10100 ft.lbs       |                  |
| Stabilizer spread standard                         | 4.6 m           | 15' 1"             |                  |
| Stabilizer spread maximum                          | 6.6 m           | 21' 8"             |                  |
| Fitting space required                             | 0.80 m          | 2' 7"              |                  |
| Width folded                                       | 2.5 m           | 8' 2"              |                  |
| Operating pressure                                 | 330 bar         | 4785 psi           |                  |
| Recommended pump capacity                          | from 50 l/min.  | 11.0 imp.gal./min. | 13.2 US gal./min |
| by radio remote control and LS-System              | to 70 l/min.    | 15.4 imp.gal./min. | 18.5 US gal./min |
| Dead weight (without mounting parts, pump and oil) | 1581 kg         | 3490 lbs           |                  |

Executions shown in the leaflet are not always corresponding to standard execution.  
Country-specific regulations are to be observed upon attachment.





# WELL SUPPORTED BY MORE THAN 1400 PALFINGER CONTRACT PARTNERS WORLDWIDE

## Max. lifting capacities

| PK 12502 Performance |                 |
|----------------------|-----------------|
| hydraulic            |                 |
| Outreach             | Capacity        |
| 1.6 m                | 60.8 kN/6200 kg |
| 4.3 m                | 27.4 kN/2790 kg |
| 5.9 m                | 19.9 kN/2030 kg |

| PK 12502 Performance A |                 |
|------------------------|-----------------|
| hydraulic              |                 |
| Outreach               | Capacity        |
| 1.8 m                  | 59.8 kN/6100 kg |
| 4.3 m                  | 26.5 kN/2700 kg |
| 5.9 m                  | 18.5 kN/1890 kg |
| 7.9 m                  | 13.7 kN/1400 kg |

| PK 12502 Performance B |                 |
|------------------------|-----------------|
| hydraulic              |                 |
| Outreach               | Capacity        |
| 1.8 m                  | 58.9 kN/6000 kg |
| 4.3 m                  | 25.6 kN/2610 kg |
| 5.9 m                  | 17.6 kN/1790 kg |
| 7.9 m                  | 12.7 kN/1290 kg |
| 10.2 m                 | 9.7 kN/ 990 kg  |

| manual |  |
| 12.4 m | 7.3 kN/ 740 kg |
| 14.6 m | 5.6 kN/ 570 kg |
| 16.8 m | 4.4 kN/ 450 kg |

| PK 12502 Performance C |                 |
|------------------------|-----------------|
| hydraulic              |                 |
| Outreach               | Capacity        |
| 1.8 m                  | 57.4 kN/5850 kg |
| 4.3 m                  | 24.9 kN/2540 kg |
| 5.9 m                  | 16.8 kN/1710 kg |
| 7.9 m                  | 11.8 kN/1200 kg |
| 10.2 m                 | 8.7 kN/ 890 kg  |
| 12.4 m                 | 7.1 kN/ 720 kg  |

| manual |  |
| 14.6 m | 5.4 kN/ 550 kg |
| 16.8 m | 4.3 kN/ 440 kg |
| 18.8 m | 3.5 kN/ 360 kg |

| PK 12502 Performance D |                 |
|------------------------|-----------------|
| hydraulic              |                 |
| Outreach               | Capacity        |
| 1.8 m                  | 56.4 kN/5750 kg |
| 4.3 m                  | 24.2 kN/2470 kg |
| 5.9 m                  | 16.0 kN/1630 kg |
| 7.9 m                  | 10.9 kN/1110 kg |
| 10.2 m                 | 7.8 kN/ 800 kg  |
| 12.4 m                 | 6.2 kN/ 630 kg  |
| 14.6 m                 | 5.1 kN/ 520 kg  |

| manual |  |
| 16.8 m | 4.0 kN/ 410 kg |
| 18.8 m | 3.3 kN/ 340 kg |

| PK 12502 Performance E |                 |
|------------------------|-----------------|
| hydraulic              |                 |
| Outreach               | Capacity        |
| 1.8 m                  | 55.4 kN/5650 kg |
| 4.3 m                  | 23.6 kN/2410 kg |
| 5.9 m                  | 15.3 kN/1560 kg |
| 7.9 m                  | 10.1 kN/1030 kg |
| 10.2 m                 | 7.1 kN/ 720 kg  |
| 12.4 m                 | 5.3 kN/ 540 kg  |
| 14.6 m                 | 4.2 kN/ 430 kg  |
| 16.9 m                 | 3.5 kN/ 360 kg  |

| manual |  |
| 18.8 m | 2.8 kN/ 290 kg |

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

PK 12502 Performance

