



# PK 10501

*Performance*

**PALFINGER** CRANE



THE IDEAL CRANE FOR MUNICIPAL DUTY





## A MIGHTY PARTNER

The PK 10501 *Performance* handles even the most difficult jobs reliably and efficiently. Amongst other things, it is supported by the High Power Lifting System (HPLS) which if required reduces the working speed and significantly increases the lifting capacity of the crane.

This PALFINGER product proves its strength both in the transport sector as well as in municipal duty. Various attachments widen the range of applications considerably and make the PK 10501 *Performance* a working unit for universal deployment.

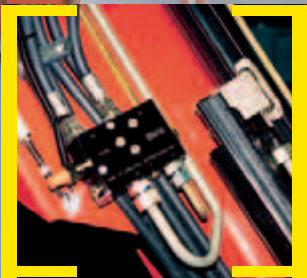




# IDEAL FOR MULTI-TASK DUTY

### Return Oil Utilization

The high speed of the boom extension system is impressive. It results from the return oil utilization feature, which is installed as standard, and the generously dimensioned hydraulic pipes. This increases the operating speed by 30 per cent.



### Load-holding valves

They prevent the crane booms from dropping and are fitted as standard on the main boom cylinder, the extension boom cylinders, and the swivel cylinder. The valves are positioned in such a way that they are protected from being damaged.



### Central lubrication

For all bearings on the base frame.

### Advanced Package

- Radio remote control
- PALTRONIC 50
- Oil cooler
- External 100 l additional tank
- HPLS





## CONVINCES WITH GREAT LIFTING CAPACITY



### Hose equipment for accessories

This option provides the oil supply for accessories. The hoses are routed in compact hose trays and are therefore well protected.

### Internally routed oil ducts

The internally routed oil passages make it possible to have a compact boom design for the boom extension system and ensure perfect protection from damage.



### Extension Boom System

- The extension boom cylinders are guided on Jordal rails over guide blocks.
- Optimal height compensation of the extension cylinders.



### Large outrigger widths

The PK 10501 *Performance* can be fitted on all standard truck chassis. Three outrigger widths are possible: 3.3 m (10' 8") mechanical, 4.9 m (16' 1") mechanical or hydraulically, and 5.6 m (18' 4") hydraulically.



QUICK AND EFFICIENT

Max. lifting capacities

| PK 10501 Performance    |        |          |           |
|-------------------------|--------|----------|-----------|
| hydraulic               |        |          |           |
| Max. lifting capacities |        | 5700 kg  | 12570 lbs |
| Outreach                |        | Capacity |           |
| 4.1 m                   | 13' 5" | 2470 kg  | 5450 lbs  |
| 5.6 m                   | 18' 4" | 1780 kg  | 3920 lbs  |

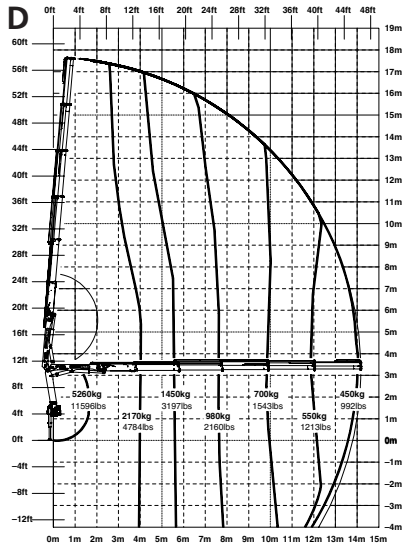
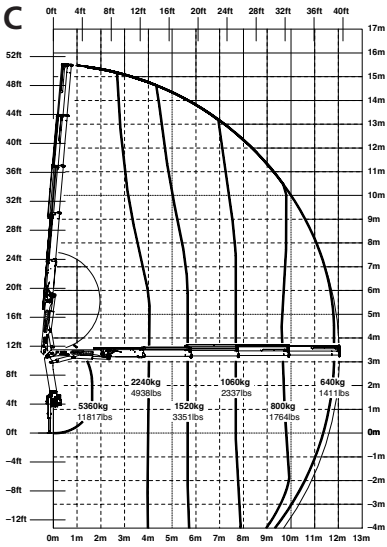
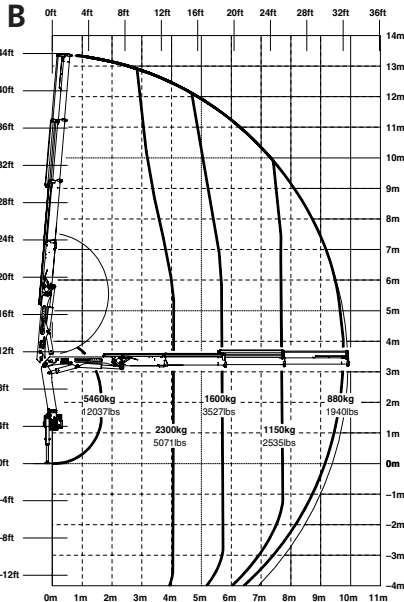
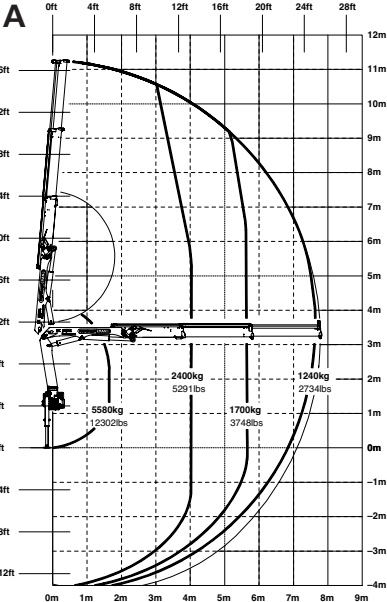
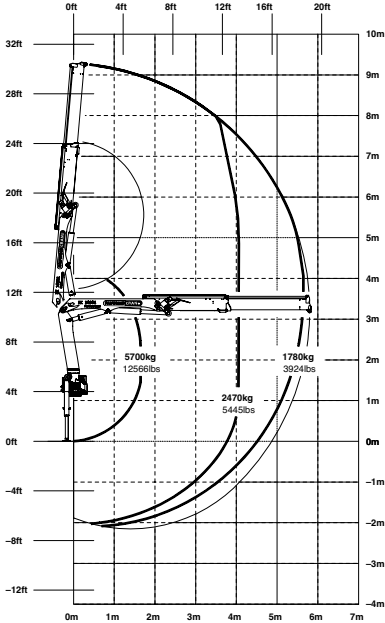
| PK 10501 A Performance  |         |          |           |  |
|-------------------------|---------|----------|-----------|--|
| hydraulic               |         |          |           |  |
| Max. lifting capacities |         | 5580 kg  | 12300 lbs |  |
| Outreach                |         | Capacity |           |  |
| 4.1 m                   | 13' 5"  | 2400 kg  | 5290 lbs  |  |
| 5.6 m                   | 18' 4"  | 1700 kg  | 3750 lbs  |  |
| 7.6 m                   | 24' 11" | 1240 kg  | 2730 lbs  |  |

| PK 10501 B Performance  |         |          |           |  |
|-------------------------|---------|----------|-----------|--|
| hydraulic               |         |          |           |  |
| Max. lifting capacities |         | 5460 kg  | 12040 lbs |  |
| Outreach                |         | Capacity |           |  |
| 4.1 m                   | 13' 5"  | 2300 kg  | 5070 lbs  |  |
| 5.6 m                   | 18' 4"  | 1600 kg  | 3530 lbs  |  |
| 7.6 m                   | 24' 11" | 1150 kg  | 2540 lbs  |  |
| 9.8 m                   | 32' 2"  | 880 kg   | 1940 lbs  |  |
| manual                  |         |          |           |  |
| 11.9 m                  | 39' 1"  | 680 kg   | 1500 lbs  |  |
| 13.9 m                  | 45' 7"  | 550 kg   | 1210 lbs  |  |
| 15.9 m                  | 52' 2"  | 380 kg   | 840 lbs   |  |

| PK 10501 C Performance  |         |          |           |  |
|-------------------------|---------|----------|-----------|--|
| hydraulic               |         |          |           |  |
| Max. lifting capacities |         | 5360 kg  | 11820 lbs |  |
| Outreach                |         | Capacity |           |  |
| 4.1 m                   | 13' 5"  | 2240 kg  | 4940 lbs  |  |
| 5.6 m                   | 18' 4"  | 1520 kg  | 3350 lbs  |  |
| 7.6 m                   | 24' 11" | 1060 kg  | 2340 lbs  |  |
| 9.8 m                   | 32' 2"  | 800 kg   | 1760 lbs  |  |
| 11.9 m                  | 39' 1"  | 640 kg   | 1410 lbs  |  |
| manual                  |         |          |           |  |
| 13.9 m                  | 45' 7"  | 510 kg   | 1120 lbs  |  |
| 15.9 m                  | 52' 2"  | 380 kg   | 840 lbs   |  |

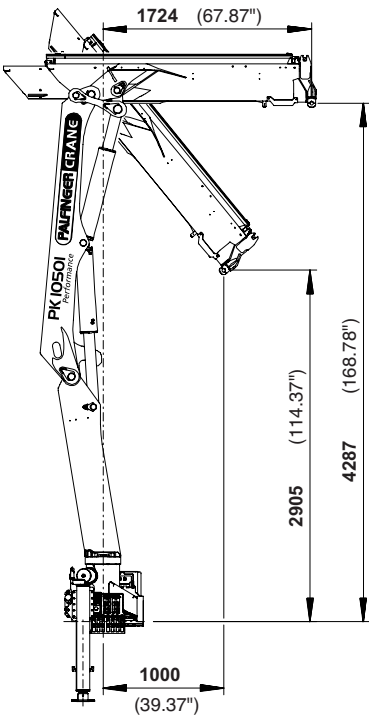
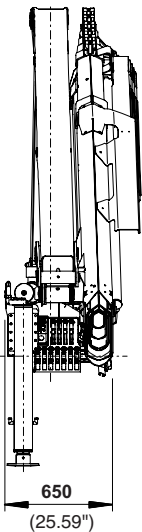
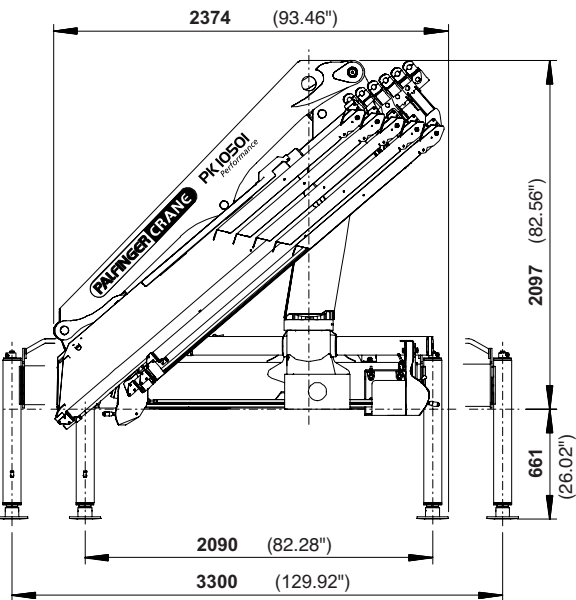
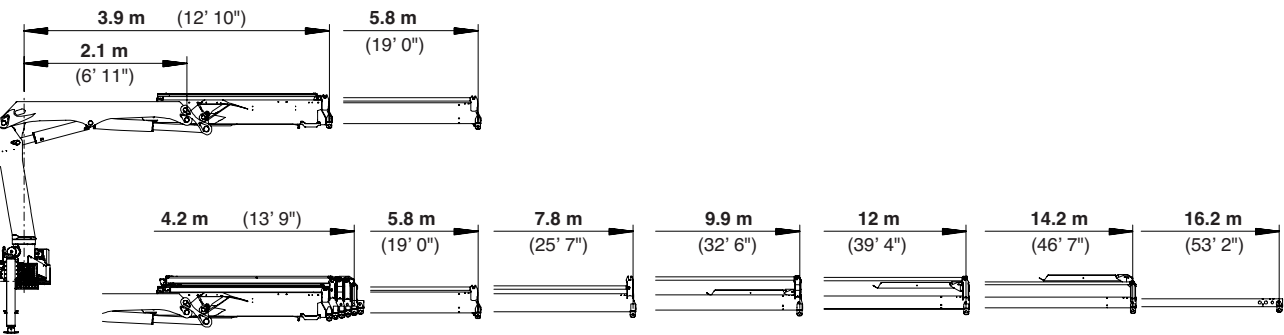
| PK 10501 D Performance  |         |          |           |
|-------------------------|---------|----------|-----------|
| hydraulic               |         |          |           |
| Max. lifting capacities |         | 5260 kg  | 11600 lbs |
| Outreach                |         | Capacity |           |
| 4.1 m                   | 13' 5"  | 2170 kg  | 4780 lbs  |
| 5.6 m                   | 18' 4"  | 1450 kg  | 3200 lbs  |
| 7.6 m                   | 24' 11" | 980 kg   | 2160 lbs  |
| 9.8 m                   | 32' 2"  | 700 kg   | 1540 lbs  |
| 11.9 m                  | 39' 1"  | 550 kg   | 1210 lbs  |
| 14.0 m                  | 45' 11" | 450 kg   | 990 lbs   |
| manual                  |         |          |           |
| 16.0 m                  | 52' 6"  | 370 kg   | 820 lbs   |

PK 10501 Performance





ENDURANCE AND TOP PERFORMANCE



| PK 10501 Performance     |                  |              |
|--------------------------|------------------|--------------|
| Technical Specifications |                  |              |
| Max. lifting moment      | 10.1 mt/99.0 kNm | 72990 ft.lbs |
| Max. lifting capacity    | 5700 kg/55.9 kN  | 12570 lbs    |
| Max. hydraulic outreach  | 14.2 m           | 46' 7"       |
| Max. manual outreach     | 16.2 m           | 53' 2"       |
| Slewing angle            | 400 °            |              |

| PK 10501 Performance                             |                                                                                                |             |
|--------------------------------------------------|------------------------------------------------------------------------------------------------|-------------|
| Standard crane                                   |                                                                                                |             |
| Slewing torque                                   | 1.2 mt/11.8 kNm                                                                                | 8700 ft.lbs |
| Outreach                                         | 5.8 m                                                                                          | 19' 0"      |
| Stabilizer spread standard                       | 3.3 m                                                                                          | 10' 9"      |
| Stabilizer spread maximal                        | 5.6 m                                                                                          | 18' 4"      |
| Fitting space required                           | 0.65 m                                                                                         | 2' 2"       |
| Width folded                                     | 2.4 m                                                                                          | 7' 9"       |
| Max. operating pressure                          | 330 bar                                                                                        | 4785 psi    |
| Recommended pump capacity with RC- and LS-system | from 45 l/min 9.9 imp.gal./min 11.9 US gal./min to 60 l/min 13.2 imp.gal./min 15.9 US gal./min |             |
| Dead weight standard crane                       | 1064 kg                                                                                        | 2350 lbs    |

Applications shown in the leaflet do not always correspond to the standard specifications. Design and specification are subject to change without prior notice.

