

# **PALFINGER ON THE TRACKS**

**LIFETIME EXCELLENCE**



# LIFETIME EXCELLENCE

PALFINGER Railway Equipment encapsulates the experience of over several decades in the manufacture of hydraulic loading cranes, access platforms and special products for railway application.

- **Better solutions**
- **Better efficiency**
- **Better ergonomics**
- **Higher availability**
- **More reliability**
- **Better ecology**
- **Higher serviceability**
- **Higher value retention**





# PALFINGER RAILWAY EQUIPMENT – OPTIMALLY MATCHED TO THE VEHICLE AND ITS PURPOSE

PALFINGER railway equipment is uncompromisingly designed for the conditions of duty on a railway track. Due to the close cooperation with the vehicle manufacturers optimally harmonised units are created and important vehicle characteristics are retained without any restriction.

The „Paltronic Load and Range Management System“ takes care about the optimization of lifting capacity and outreach. All influences are taken into account. Stability, protection against derailment and operational safety under all conditions of application are guaranteed according to Safety Integrity Level 2.

Numerous crane and platform models have a uniform and standardised interface with the vehicle. This enables many individual problem solutions to be achieved without additional technical effort and expense.

## Individual problem solutions

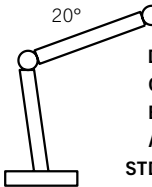
- for all vehicle designs
- for all conditions of application
- for all tasks



# THE PK RAILWAY CRANES

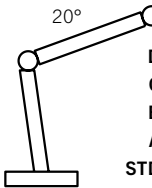
## PK 7501

|                         |                            |
|-------------------------|----------------------------|
| Max. lifting moment     | 69.7 kNm (7.1 mt)          |
| Max. hydraulic outreach | 14.2 m                     |
| Slewing angle           | 450° / optional continuous |

|                                                                                  |         |         |        |        |        |        |
|----------------------------------------------------------------------------------|---------|---------|--------|--------|--------|--------|
|                                                                                  | 3.9 m   | 5.4 m   | 7.4 m  | 9.6 m  | 11.7 m | 13.8 m |
|  |         |         |        |        |        |        |
| D                                                                                | 1580 kg | 1110 kg | 640 kg | 440 kg | 330 kg | 270 kg |
| C                                                                                | 1640 kg | 1080 kg | 720 kg | 530 kg | 420 kg |        |
| B                                                                                | 1700 kg | 1150 kg | 800 kg | 610 kg |        |        |
| A                                                                                | 1770 kg | 1230 kg | 890 kg |        |        |        |
| STD                                                                              | 1840 kg | 1310 kg |        |        |        |        |

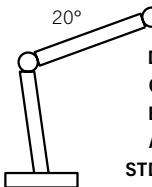
## PK 8501

|                         |                            |
|-------------------------|----------------------------|
| Max. lifting moment     | 77.5 kNm (7.9 mt)          |
| Max. hydraulic outreach | 14.2 m                     |
| Slewing angle           | 450° / optional continuous |

|                                                                                   |         |         |         |        |        |        |
|-----------------------------------------------------------------------------------|---------|---------|---------|--------|--------|--------|
|                                                                                   | 3.9 m   | 5.4 m   | 7.4 m   | 9.6 m  | 11.7 m | 13.8 m |
|  |         |         |         |        |        |        |
| D                                                                                 | 1780 kg | 1150 kg | 750 kg  | 530 kg | 400 kg | 330 kg |
| C                                                                                 | 1840 kg | 1220 kg | 830 kg  | 600 kg | 500 kg |        |
| B                                                                                 | 1900 kg | 1300 kg | 900 kg  | 700 kg |        |        |
| A                                                                                 | 1970 kg | 1370 kg | 1000 kg |        |        |        |
| STD                                                                               | 2040 kg | 1450 kg |         |        |        |        |

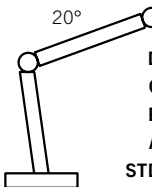
## PK 9501

|                         |                            |
|-------------------------|----------------------------|
| Max. lifting moment     | 88.0 kNm (9.0 mt)          |
| Max. hydraulic outreach | 14.2 m                     |
| Slewing angle           | 450° / optional continuous |

|                                                                                    |         |         |         |        |        |        |
|------------------------------------------------------------------------------------|---------|---------|---------|--------|--------|--------|
|                                                                                    | 4.1 m   | 5.6 m   | 7.6 m   | 9.8 m  | 11.9 m | 14.0 m |
|  |         |         |         |        |        |        |
| D                                                                                  | 1930 kg | 1270 kg | 840 kg  | 600 kg | 460 kg | 380 kg |
| C                                                                                  | 1990 kg | 1340 kg | 920 kg  | 680 kg | 550 kg |        |
| B                                                                                  | 2060 kg | 1420 kg | 1010 kg | 780 kg |        |        |
| A                                                                                  | 2140 kg | 1510 kg | 1110 kg |        |        |        |
| STD                                                                                | 2220 kg | 1600 kg |         |        |        |        |

## PK 10501

|                         |                            |
|-------------------------|----------------------------|
| Max. lifting moment     | 99.0 kNm (10.1 mt)         |
| Max. hydraulic outreach | 14.2 m                     |
| Slewing angle           | 450° / optional continuous |

|                                                                                    |         |         |         |        |        |        |
|------------------------------------------------------------------------------------|---------|---------|---------|--------|--------|--------|
|                                                                                    | 4.1 m   | 5.6 m   | 7.6 m   | 9.8 m  | 11.9 m | 14.0 m |
|  |         |         |         |        |        |        |
| D                                                                                  | 2170 kg | 1450 kg | 980 kg  | 700 kg | 550 kg | 450 kg |
| C                                                                                  | 2240 kg | 1520 kg | 1060 kg | 800 kg | 640 kg |        |
| B                                                                                  | 2300 kg | 1600 kg | 1150 kg | 880 kg |        |        |
| A                                                                                  | 2400 kg | 1700 kg | 1240 kg |        |        |        |
| STD                                                                                | 2470 kg | 1780 kg |         |        |        |        |

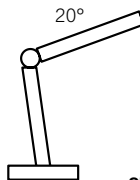




# INDIVIDUAL PROBLEM SOLUTIONS FOR ALL CONDITIONS OF APPLICATION

## PK 11502

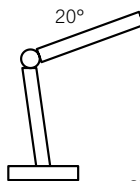
|                         |                            |
|-------------------------|----------------------------|
| Max. lifting moment     | 107.0 kNm (10.9 mt)        |
| Max. hydraulic outreach | 17.0 m                     |
| Slewing angle           | 450° / optional continuous |

|                                                                                      | 4.3 m   | 5.9 m   | 7.9 m   | 10.2 m | 12.4 m | 14.6 m | 16.9 m |
|--------------------------------------------------------------------------------------|---------|---------|---------|--------|--------|--------|--------|
|  20° |         |         |         |        |        |        |        |
| E                                                                                    | 2120 kg | 1350 kg | 880 kg  | 590 kg | 440 kg | 340 kg | 290 kg |
| D                                                                                    | 2190 kg | 1430 kg | 960 kg  | 690 kg | 530 kg | 440 kg |        |
| C                                                                                    | 2250 kg | 1500 kg | 1040 kg | 770 kg | 620 kg |        |        |
| B                                                                                    | 2330 kg | 1580 kg | 1130 kg | 870 kg |        |        |        |
| A                                                                                    | 2420 kg | 1690 kg | 1250 kg |        |        |        |        |
| STD                                                                                  | 2500 kg | 1820 kg |         |        |        |        |        |



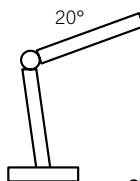
## PK 12502

|                         |                            |
|-------------------------|----------------------------|
| Max. lifting moment     | 119.0 kNm (12.1 mt)        |
| Max. hydraulic outreach | 17.0 m                     |
| Slewing angle           | 450° / optional continuous |

|                                                                                       | 4.3 m   | 5.9 m   | 7.9 m   | 10.2 m | 12.4 m | 14.6 m | 16.9 m |
|---------------------------------------------------------------------------------------|---------|---------|---------|--------|--------|--------|--------|
|  20° |         |         |         |        |        |        |        |
| E                                                                                     | 2410 kg | 1560 kg | 1030 kg | 720 kg | 540 kg | 430 kg | 360 kg |
| D                                                                                     | 2470 kg | 1630 kg | 1110 kg | 800 kg | 630 kg | 520 kg |        |
| C                                                                                     | 2540 kg | 1710 kg | 1200 kg | 890 kg | 720 kg |        |        |
| B                                                                                     | 2620 kg | 1790 kg | 1290 kg | 990 kg |        |        |        |
| A                                                                                     | 2700 kg | 1890 kg | 1400 kg |        |        |        |        |
| STD                                                                                   | 2790 kg | 2030 kg |         |        |        |        |        |

## PK 15002

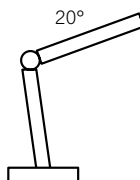
|                         |                            |
|-------------------------|----------------------------|
| Max. lifting moment     | 136.4 kNm (13.9 mt)        |
| Max. hydraulic outreach | 17.0 m                     |
| Slewing angle           | 450° / optional continuous |

|                                                                                        | 4.3 m   | 5.9 m   | 7.9 m   | 10.2 m  | 12.4 m | 14.6 m | 16.9 m |
|----------------------------------------------------------------------------------------|---------|---------|---------|---------|--------|--------|--------|
|  20° |         |         |         |         |        |        |        |
| E                                                                                      | 2820 kg | 1850 kg | 1240 kg | 880 kg  | 660 kg | 530 kg | 450 kg |
| D                                                                                      | 2880 kg | 1930 kg | 1330 kg | 970 kg  | 760 kg | 630 kg |        |
| C                                                                                      | 2960 kg | 2010 kg | 1430 kg | 1070 kg | 860 kg |        |        |
| B                                                                                      | 3040 kg | 2110 kg | 1530 kg | 1180 kg |        |        |        |
| A                                                                                      | 3130 kg | 2210 kg | 1640 kg |         |        |        |        |
| STD                                                                                    | 3210 kg | 2350 kg |         |         |        |        |        |



## PK 16502

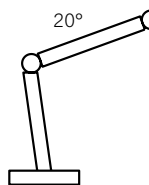
|                         |                            |
|-------------------------|----------------------------|
| Max. lifting moment     | 152.1 kNm (15.5 mt)        |
| Max. hydraulic outreach | 17.0 m                     |
| Slewing angle           | 450° / optional continuous |

|                                                                                        | 4.3 m   | 5.9 m   | 7.9 m   | 10.2 m  | 12.4 m | 14.6 m | 16.9 m |
|----------------------------------------------------------------------------------------|---------|---------|---------|---------|--------|--------|--------|
|  20° |         |         |         |         |        |        |        |
| E                                                                                      | 3170 kg | 2110 kg | 1440 kg | 1030 kg | 790 kg | 640 kg | 550 kg |
| D                                                                                      | 3240 kg | 2190 kg | 1530 kg | 1120 kg | 890 kg | 740 kg |        |
| C                                                                                      | 3310 kg | 2270 kg | 1620 kg | 1220 kg | 990 kg |        |        |
| B                                                                                      | 3400 kg | 2370 kg | 1730 kg | 1330 kg |        |        |        |
| A                                                                                      | 3490 kg | 2470 kg | 1840 kg |         |        |        |        |
| STD                                                                                    | 3570 kg | 2610 kg |         |         |        |        |        |

# UNIFORM AND STANDARDISED INTERFACE WITH THE VEHICLE

## PK 17502

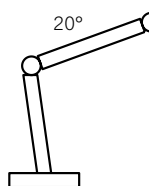
|                         |                            |
|-------------------------|----------------------------|
| Max. lifting moment     | 167.2 kNm (17.0 mt)        |
| Max. hydraulic outreach | 17.1 m                     |
| Slewing angle           | 450° / optional continuous |

|                                                                                    | 4.1 m   | 6.1 m   | 8.1 m   | 10.3 m  | 12.5 m  | 14.7 m | 16.9 m |
|------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|--------|--------|
|  E | 3420 kg | 2220 kg | 1460 kg | 1060 kg | 830 kg  | 670 kg | 580 kg |
| D                                                                                  | 3560 kg | 2240 kg | 1570 kg | 1180 kg | 950 kg  | 800 kg |        |
| C                                                                                  | 3730 kg | 2380 kg | 1710 kg | 1310 kg | 1070 kg |        |        |
| B                                                                                  | 3900 kg | 2520 kg | 1850 kg | 1440 kg |         |        |        |
| A                                                                                  | 4100 kg | 2690 kg | 2010 kg |         |         |        |        |



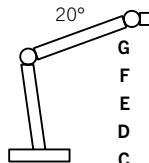
## PK 20002

|                         |                            |
|-------------------------|----------------------------|
| Max. lifting moment     | 186.4 kNm (19.0 mt)        |
| Max. hydraulic outreach | 17.1 m                     |
| Slewing angle           | 450° / optional continuous |

|                                                                                     | 4.1 m   | 6.1 m   | 8.1 m   | 10.3 m  | 12.5 m  | 14.7 m | 16.9 m |
|-------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|--------|--------|
|  E | 3840 kg | 2420 kg | 1690 kg | 1250 kg | 980 kg  | 810 kg | 700 kg |
| D                                                                                   | 4000 kg | 2540 kg | 1810 kg | 1370 kg | 1100 kg | 930 kg |        |
| C                                                                                   | 4180 kg | 2690 kg | 1950 kg | 1500 kg | 1230 kg |        |        |
| B                                                                                   | 4350 kg | 2830 kg | 2080 kg | 1630 kg |         |        |        |
| A                                                                                   | 4560 kg | 3010 kg | 2250 kg |         |         |        |        |

## PK 21502

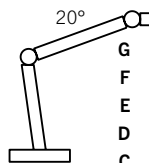
|                         |                            |
|-------------------------|----------------------------|
| Max. lifting moment     | 197.5 kNm (20.1 mt)        |
| Max. hydraulic outreach | 21.3 m                     |
| Slewing angle           | 450° / optional continuous |

|                                                                                      | 4.6 m   | 6.0 m   | 7.9 m   | 10.1 m  | 12.2 m  | 14.4 m | 16.7 m | 18.9 m | 21.1 m |
|--------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
|  G | 3720 kg | 2590 kg | 1730 kg | 1170 kg | 840 kg  | 640 kg | 510 kg | 420 kg | 370 kg |
| F                                                                                    | 3780 kg | 2660 kg | 1810 kg | 1260 kg | 940 kg  | 740 kg | 610 kg | 530 kg |        |
| E                                                                                    | 3850 kg | 2740 kg | 1900 kg | 1360 kg | 1040 kg | 840 kg | 710 kg |        |        |
| D                                                                                    | 3950 kg | 2850 kg | 2020 kg | 1480 kg | 1170 kg | 970 kg |        |        |        |
| C                                                                                    | 4070 kg | 2980 kg | 2160 kg | 1640 kg | 1330 kg |        |        |        |        |
| B                                                                                    | 4190 kg | 3120 kg | 2310 kg | 1800 kg |         |        |        |        |        |
| A                                                                                    | 4330 kg | 3270 kg | 2470 kg |         |         |        |        |        |        |



## PK 23002

|                         |                            |
|-------------------------|----------------------------|
| Max. lifting moment     | 218.7 kNm (22.3 mt)        |
| Max. hydraulic outreach | 21.3 m                     |
| Slewing angle           | 450° / optional continuous |

|                                                                                      | 4.6 m   | 6.0 m   | 7.9 m   | 10.1 m  | 12.2 m  | 14.4 m  | 16.7 m | 18.9 m | 21.1 m |
|--------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
|  G | 4200 kg | 2960 kg | 2010 kg | 1400 kg | 1030 kg | 800 kg  | 650 kg | 550 kg | 480 kg |
| F                                                                                    | 4270 kg | 3040 kg | 2100 kg | 1490 kg | 1130 kg | 900 kg  | 750 kg | 650 kg |        |
| E                                                                                    | 4340 kg | 3120 kg | 2190 kg | 1580 kg | 1220 kg | 1000 kg | 850 kg |        |        |
| D                                                                                    | 4430 kg | 3230 kg | 2310 kg | 1710 kg | 1360 kg | 1130 kg |        |        |        |
| C                                                                                    | 4560 kg | 3360 kg | 2450 kg | 1870 kg | 1520 kg |         |        |        |        |
| B                                                                                    | 4680 kg | 3500 kg | 2600 kg | 2020 kg |         |         |        |        |        |
| A                                                                                    | 4810 kg | 3640 kg | 2760 kg |         |         |         |        |        |        |



# SYSTEM SOLUTIONS FOR MAXIMUM EFFICIENCY

## PK 26502

|                         |                            |
|-------------------------|----------------------------|
| Max. lifting moment     | 250.1 kNm (25.5 mt)        |
| Max. hydraulic outreach | 21.3 m                     |
| Slewing angle           | continuous / optional 450° |

|     | 4.6 m   | 6.0 m   | 7.9 m   | 10.1 m  | 12.2 m  | 14.4 m  | 16.7 m | 18.9 m | 21.1 m |
|-----|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| 20° |         |         |         |         |         |         |        |        |        |
| G   | 4760 kg | 3370 kg | 2300 kg | 1610 kg | 1200 kg | 940 kg  | 770 kg | 650 kg | 570 kg |
| F   | 4820 kg | 3440 kg | 2390 kg | 1700 kg | 1290 kg | 1040 kg | 870 kg | 750 kg |        |
| E   | 4900 kg | 3530 kg | 2480 kg | 1810 kg | 1400 kg | 1150 kg | 980 kg |        |        |
| D   | 4990 kg | 3630 kg | 2600 kg | 1930 kg | 1530 kg | 1280 kg |        |        |        |
| C   | 5110 kg | 3770 kg | 2750 kg | 2090 kg | 1690 kg |         |        |        |        |
| B   | 5260 kg | 3930 kg | 2930 kg | 2270 kg |         |         |        |        |        |
| A   | 5410 kg | 4090 kg | 3100 kg |         |         |         |        |        |        |



## PK 29002

|                         |                            |
|-------------------------|----------------------------|
| Max. lifting moment     | 277.6 kNm (28,3 mt)        |
| Max. hydraulic outreach | 21.3 m                     |
| Slewing angle           | continuous / optional 450° |

|     | 4.6 m   | 6.0 m   | 7.9 m   | 10.1 m  | 12.2 m  | 14.4 m  | 16.7 m  | 18.9 m | 21.1 m |
|-----|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| 20° |         |         |         |         |         |         |         |        |        |
| G   | 5360 kg | 3830 kg | 2660 kg | 1890 kg | 1430 kg | 1140 kg | 940 kg  | 800 kg | 710 kg |
| F   | 5420 kg | 3910 kg | 2740 kg | 1980 kg | 1520 kg | 1230 kg | 1040 kg | 910 kg |        |
| E   | 5500 kg | 3990 kg | 2840 kg | 2090 kg | 1630 kg | 1350 kg | 1160 kg |        |        |
| D   | 5590 kg | 4100 kg | 2960 kg | 2210 kg | 1760 kg | 1480 kg |         |        |        |
| C   | 5710 kg | 4230 kg | 3110 kg | 2370 kg | 1930 kg |         |         |        |        |
| B   | 5860 kg | 4400 kg | 3290 kg | 2560 kg |         |         |         |        |        |
| A   | 6010 kg | 4560 kg | 3460 kg |         |         |         |         |        |        |

## PK 100002

|                         |                     |
|-------------------------|---------------------|
| Max. lifting moment     | 904.5 kNm (92.2 mt) |
| Max. hydraulic outreach | 22.0 m              |
| Slewing angle           | continuous          |

|     | 4.4 m    | 5.6 m    | 7.4 m    | 9.2 m   | 11.1 m  | 13.1 m  | 15.2 m  | 17.3 m  | 19.6 m  | 21.9 m  |
|-----|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|
| 20° |          |          |          |         |         |         |         |         |         |         |
| H   | 18500 kg | 14150 kg | 10200 kg | 7850 kg | 6200 kg | 5030 kg | 4200 kg | 3580 kg | 3100 kg | 2770 kg |
| G   | 18620 kg | 14330 kg | 10430 kg | 8060 kg | 6430 kg | 5260 kg | 4420 kg | 3820 kg | 3350 kg |         |
| F   | 18800 kg | 14530 kg | 10670 kg | 8300 kg | 6700 kg | 5540 kg | 4700 kg | 4120 kg |         |         |
| E   | 19000 kg | 14800 kg | 10960 kg | 8630 kg | 7020 kg | 5870 kg | 5050 kg |         |         |         |
| D   | 19300 kg | 15100 kg | 11300 kg | 8960 kg | 7370 kg | 6230 kg |         |         |         |         |
| C   | 19640 kg | 15400 kg | 11640 kg | 9320 kg | 7720 kg |         |         |         |         |         |
| B   | 19900 kg | 15700 kg | 12000 kg | 9700 kg |         |         |         |         |         |         |

**Numerous other large crane models  
are available for railway application:**

- PK 32002 / PK 36002
- PK 40002 / PK 44002
- PK 60002
- PK 74002
- PK 85002
- PK 150002





# THE PKR RAILWAY CRANES

## PKR 115

|                         |                     |
|-------------------------|---------------------|
| Max. lifting moment     | 104.0 kNm (10.6 mt) |
| Max. hydraulic outreach | 17.1 m              |
| Slewing angle           | continuous          |

|            | 4.3 m   | 5.9 m   | 8.0 m   | 10.2 m | 12.4 m | 14.6 m | 16.9 m |
|------------|---------|---------|---------|--------|--------|--------|--------|
| <b>E</b>   | 2020 kg | 1300 kg | 810 kg  | 540 kg | 380 kg | 290 kg | 250 kg |
| <b>D</b>   | 2100 kg | 1390 kg | 900 kg  | 640 kg | 480 kg | 400 kg |        |
| <b>C</b>   | 2160 kg | 1470 kg | 1000 kg | 730 kg | 580 kg |        |        |
| <b>B</b>   | 2260 kg | 1560 kg | 1100 kg | 840 kg |        |        |        |
| <b>A</b>   | 2360 kg | 1670 kg | 1220 kg |        |        |        |        |
| <b>STD</b> | 2470 kg | 1780 kg |         |        |        |        |        |



## PKR 125

|                         |                     |
|-------------------------|---------------------|
| Max. lifting moment     | 115.8 kNm (11.8 mt) |
| Max. hydraulic outreach | 17.1 m              |
| Slewing angle           | continuous          |

|            | 4.3 m   | 5.9 m   | 8.0 m   | 10.2 m | 12.4 m | 14.6 m | 16.9 m |
|------------|---------|---------|---------|--------|--------|--------|--------|
| <b>E</b>   | 2300 kg | 1510 kg | 970 kg  | 660 kg | 490 kg | 380 kg | 320 kg |
| <b>D</b>   | 2380 kg | 1590 kg | 1060 kg | 760 kg | 580 kg | 480 kg |        |
| <b>C</b>   | 2450 kg | 1670 kg | 1150 kg | 860 kg | 680 kg |        |        |
| <b>B</b>   | 2540 kg | 1770 kg | 1250 kg | 960 kg |        |        |        |
| <b>A</b>   | 2640 kg | 1880 kg | 1370 kg |        |        |        |        |
| <b>STD</b> | 2750 kg | 1990 kg |         |        |        |        |        |



## PKR 140

|                         |                     |
|-------------------------|---------------------|
| Max. lifting moment     | 120.6 kNm (12.3 mt) |
| Max. hydraulic outreach | 17.1 m              |
| Slewing angle           | continuous          |

|            | 4.3 m   | 5.9 m   | 8.0 m   | 10.2 m  | 12.4 m | 14.6 m | 16.9 m |
|------------|---------|---------|---------|---------|--------|--------|--------|
| <b>E</b>   | 2430 kg | 1600 kg | 1040 kg | 710 kg  | 530 kg | 420 kg | 350 kg |
| <b>D</b>   | 2510 kg | 1690 kg | 1130 kg | 810 kg  | 630 kg | 520 kg |        |
| <b>C</b>   | 2550 kg | 1760 kg | 1210 kg | 900 kg  | 740 kg |        |        |
| <b>B</b>   | 2670 kg | 1870 kg | 1320 kg | 1020 kg |        |        |        |
| <b>A</b>   | 2760 kg | 1980 kg | 1440 kg |         |        |        |        |
| <b>STD</b> | 2880 kg | 2080 kg |         |         |        |        |        |

## PKR 150

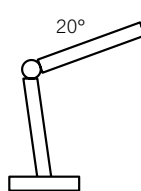
|                         |                     |
|-------------------------|---------------------|
| Max. lifting moment     | 134.4 kNm (13.7 mt) |
| Max. hydraulic outreach | 17.1 m              |
| Slewing angle           | continuous          |

|            | 4.3 m   | 5.9 m   | 8.0 m   | 10.2 m  | 12.4 m | 14.6 m | 16.9 m |
|------------|---------|---------|---------|---------|--------|--------|--------|
| <b>E</b>   | 2740 kg | 1850 kg | 1210 kg | 850 kg  | 650 kg | 520 kg | 440 kg |
| <b>D</b>   | 2830 kg | 1930 kg | 1300 kg | 950 kg  | 750 kg | 620 kg |        |
| <b>C</b>   | 2900 kg | 2010 kg | 1400 kg | 1050 kg | 850 kg |        |        |
| <b>B</b>   | 2990 kg | 2100 kg | 1500 kg | 1160 kg |        |        |        |
| <b>A</b>   | 3080 kg | 2210 kg | 1620 kg |         |        |        |        |
| <b>STD</b> | 3190 kg | 2320 kg |         |         |        |        |        |

# EXCELLENT AND VERSATILE CRANE TECHNOLOGY

## PKR 175

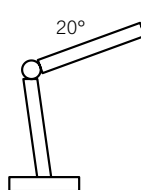
|                         |                     |
|-------------------------|---------------------|
| Max. lifting moment     | 164.3 kNm (16.7 mt) |
| Max. hydraulic outreach | 17.0 m              |
| Slewing angle           | continuous          |

|                                                                                      | 4.1 m   | 6.1 m   | 8.1 m   | 10.3 m  | 12.5 m  | 14.7 m | 16.9 m |
|--------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|--------|--------|
|  20° |         |         |         |         |         |        |        |
| E                                                                                    | 3360 kg | 2180 kg | 1490 kg | 1070 kg | 820 kg  | 670 kg | 570 kg |
| D                                                                                    | 3510 kg | 2270 kg | 1590 kg | 1170 kg | 930 kg  | 770 kg |        |
| C                                                                                    | 3670 kg | 2370 kg | 1690 kg | 1280 kg | 1050 kg |        |        |
| B                                                                                    | 3820 kg | 2470 kg | 1810 kg | 1410 kg |         |        |        |
| A                                                                                    | 3930 kg | 2600 kg | 1970 kg |         |         |        |        |



## PKR 200

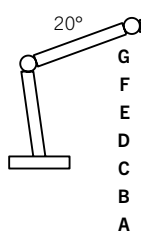
|                         |                     |
|-------------------------|---------------------|
| Max. lifting moment     | 182.9 kNm (18.6 mt) |
| Max. hydraulic outreach | 17.0 m              |
| Slewing angle           | continuous          |

|                                                                                       | 4.1 m   | 6.1 m   | 8.1 m   | 10.3 m  | 12.5 m  | 14.7 m | 16.9 m |
|---------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|--------|--------|
|  20° |         |         |         |         |         |        |        |
| E                                                                                     | 3790 kg | 2490 kg | 1730 kg | 1260 kg | 980 kg  | 800 kg | 680 kg |
| D                                                                                     | 3950 kg | 2580 kg | 1820 kg | 1360 kg | 1080 kg | 910 kg |        |
| C                                                                                     | 4120 kg | 2680 kg | 1930 kg | 1470 kg | 1200 kg |        |        |
| B                                                                                     | 4270 kg | 2780 kg | 2040 kg | 1600 kg |         |        |        |
| A                                                                                     | 4390 kg | 2920 kg | 2210 kg |         |         |        |        |



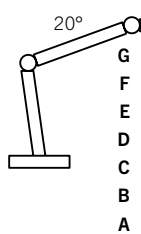
## PKR 265

|                         |                     |
|-------------------------|---------------------|
| Max. lifting moment     | 247.9 kNm (25.3 mt) |
| Max. hydraulic outreach | 21.3 m              |
| Slewing angle           | continuous          |

|                                                                                        | 4.6 m   | 6.0 m   | 7.9 m   | 10.1 m  | 12.2 m  | 14.4 m  | 16.7 m | 18.9 m | 21.1 m |
|----------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
|  20° |         |         |         |         |         |         |        |        |        |
| G                                                                                      | 4650 kg | 3310 kg | 2260 kg | 1570 kg | 1180 kg | 920 kg  | 750 kg | 640 kg | 560 kg |
| F                                                                                      | 4710 kg | 3380 kg | 2340 kg | 1660 kg | 1280 kg | 1020 kg | 850 kg | 740 kg |        |
| E                                                                                      | 4790 kg | 3470 kg | 2440 kg | 1770 kg | 1390 kg | 1130 kg | 970 kg |        |        |
| D                                                                                      | 4880 kg | 3570 kg | 2560 kg | 1900 kg | 1520 kg | 1270 kg |        |        |        |
| C                                                                                      | 5000 kg | 3710 kg | 2710 kg | 2050 kg | 1680 kg |         |        |        |        |
| B                                                                                      | 5160 kg | 3870 kg | 2890 kg | 2250 kg |         |         |        |        |        |
| A                                                                                      | 5300 kg | 4030 kg | 3070 kg |         |         |         |        |        |        |

## PKR 290

|                         |                     |
|-------------------------|---------------------|
| Max. lifting moment     | 275.3 kNm (28.0 mt) |
| Max. hydraulic outreach | 21.3 m              |
| Slewing angle           | continuous          |

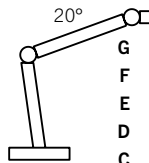
|                                                                                        | 4.6 m   | 6.0 m   | 7.9 m   | 10.1 m  | 12.2 m  | 14.4 m  | 16.7 m  | 18.9 m | 21.1 m |
|----------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
|  20° |         |         |         |         |         |         |         |        |        |
| G                                                                                      | 5310 kg | 3770 kg | 2620 kg | 1850 kg | 1410 kg | 1120 kg | 920 kg  | 780 kg | 700 kg |
| F                                                                                      | 5310 kg | 3840 kg | 2700 kg | 1940 kg | 1510 kg | 1220 kg | 1020 kg | 890 kg |        |
| E                                                                                      | 5380 kg | 3930 kg | 2800 kg | 1940 kg | 1510 kg | 1220 kg | 890 kg  |        |        |
| D                                                                                      | 5480 kg | 4040 kg | 2920 kg | 2180 kg | 1750 kg | 1470 kg |         |        |        |
| C                                                                                      | 5600 kg | 4170 kg | 3060 kg | 2330 kg | 1910 kg |         |         |        |        |
| B                                                                                      | 5750 kg | 4340 kg | 3240 kg | 2530 kg |         |         |         |        |        |
| A                                                                                      | 5900 kg | 4520 kg | 3430 kg |         |         |         |         |        |        |



# IDEAL FOR JOBS ON ELECTRIFIED LINES

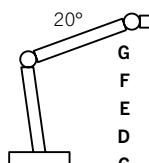
## PKR 480

|                         |                     |
|-------------------------|---------------------|
| Max. lifting moment     | 452.2 kNm (46.1 mt) |
| Max. hydraulic outreach | 21.1 m              |
| Slewing angle           | continuous          |

|                                                                                      | 5.0 m   | 6.3 m   | 8.0 m   | 10.0 m  | 12.0 m  | 14.2 m  | 16.3 m  | 18.6 m  | 20.9 m  |
|--------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|  20° |         |         |         |         |         |         |         |         |         |
| G                                                                                    | 8250 kg | 6230 kg | 4580 kg | 3390 kg | 2650 kg | 2110 kg | 1760 kg | 1500 kg | 1320 kg |
| F                                                                                    | 8330 kg | 6340 kg | 4710 kg | 3550 kg | 2806 kg | 2270 kg | 1930 kg | 1670 kg |         |
| E                                                                                    | 8470 kg | 6500 kg | 4880 kg | 3730 kg | 3000 kg | 2460 kg | 2120 kg |         |         |
| D                                                                                    | 8660 kg | 6680 kg | 5090 kg | 3940 kg | 3220 kg | 2690 kg |         |         |         |
| C                                                                                    | 8860 kg | 6910 kg | 5330 kg | 4200 kg | 3480 kg |         |         |         |         |
| B                                                                                    | 9050 kg | 7120 kg | 5500 kg | 4440 kg |         |         |         |         |         |
| A                                                                                    | 9240 kg | 7340 kg | 5710 kg |         |         |         |         |         |         |

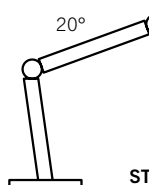
## PKR 540

|                         |                     |
|-------------------------|---------------------|
| Max. lifting moment     | 503.2 kNm (51.3 mt) |
| Max. hydraulic outreach | 21.1 m              |
| Slewing angle           | continuous          |

|                                                                                       | 5.0 m    | 6.3 m   | 8.0 m   | 10.0 m  | 12.0 m  | 14.2 m  | 16.3 m  | 18.6 m  | 20.9 m  |
|---------------------------------------------------------------------------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
|  20° |          |         |         |         |         |         |         |         |         |
| G                                                                                     | 9290 kg  | 7070 kg | 5250 kg | 3940 kg | 3100 kg | 2490 kg | 2100 kg | 1800 kg | 1580 kg |
| F                                                                                     | 9380 kg  | 7190 kg | 5390 kg | 4090 kg | 3260 kg | 2650 kg | 2260 kg | 1970 kg |         |
| E                                                                                     | 9510 kg  | 7330 kg | 5560 kg | 4270 kg | 3450 kg | 2850 kg | 2460 kg |         |         |
| D                                                                                     | 9680 kg  | 7520 kg | 5760 kg | 4480 kg | 3670 kg | 3080 kg |         |         |         |
| C                                                                                     | 9900 kg  | 7750 kg | 6010 kg | 4740 kg | 3940 kg |         |         |         |         |
| B                                                                                     | 10090 kg | 7960 kg | 6230 kg | 4980 kg |         |         |         |         |         |
| A                                                                                     | 10290 kg | 8160 kg | 6370 kg |         |         |         |         |         |         |

## PKR 800

|                         |                     |
|-------------------------|---------------------|
| Max. lifting moment     | 722.0 kNm (73,6 mt) |
| Max. hydraulic outreach | 15.9 m              |
| Slewing angle           | continuous          |

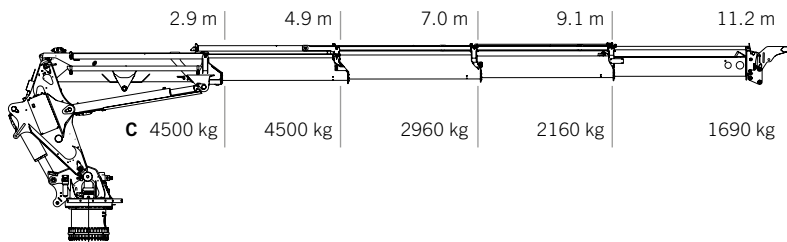
|                                                                                        | 4.4 m    | 5.7 m    | 7.4 m    | 9.3 m   | 11.2 m  | 13.4 m  |
|----------------------------------------------------------------------------------------|----------|----------|----------|---------|---------|---------|
|  20° |          |          |          |         |         |         |
| D                                                                                      | 15560 kg | 12070 kg | 9200 kg  | 7230 kg | 5960 kg | 5000 kg |
| C                                                                                      | 15860 kg | 12290 kg | 9450 kg  | 7520 kg | 6270 kg |         |
| B                                                                                      | 16160 kg | 12470 kg | 9700 kg  | 7880 kg |         |         |
| A                                                                                      | 16450 kg | 12850 kg | 10080 kg |         |         |         |
| STD                                                                                    | 16820 kg | 13380 kg |          |         |         |         |



# OPENING NEW FIELDS OF APPLICATION

## PR 220

|                         |                   |
|-------------------------|-------------------|
| Max. lifting moment     | 221 kNm (22.5 mt) |
| Max. hydraulic outreach | 12.5 m            |
| Slewing angle           | continuous        |



### Multifunctional with various types of auxiliary equipment

Busy routes require constant installation and maintenance work. The building materials and heavy items of equipment can efficiently be handled by means of very versatile high-performance vehicles only. PALFINGER railway cranes equipped with auxiliary equipment expand the range of duties for these vehicles enormously. Therefore they contribute significantly to the mechanisation of work procedures, which is urgently made necessary due to rising cost pressure and the shortage of personnel.



Workman Basket



Multi-Coupler



Sleeper Grab



Cable Winch



Earth Auger



Mulching Unit



Clamshell Bucket

### Further examples of versatility in action:

- with manipulators for many special tasks
- with digging grab
- with tree shears
- with branch saw
- with load lifting magnet
- with rail tongs
- with load hook
- with vacuum lifting pad

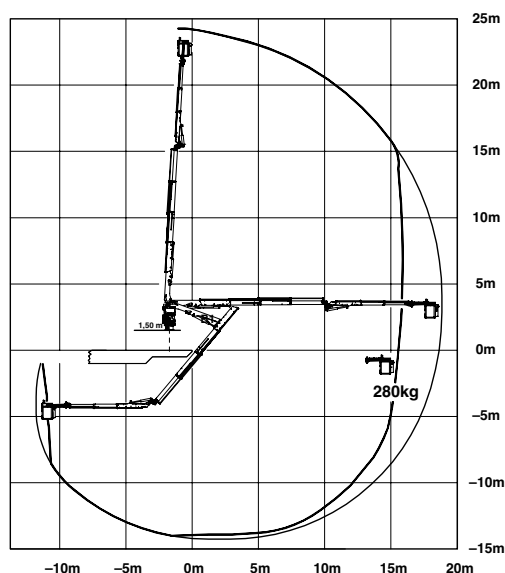


# PALFINGER

## BRIDGE INSPECTION UNITS

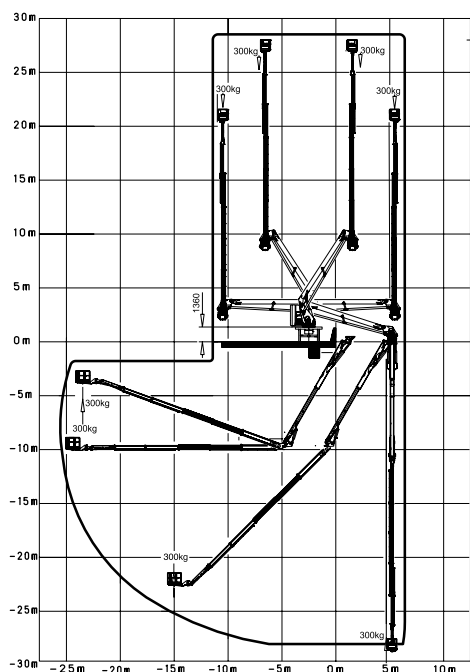
### PA 19001

|                               |                            |
|-------------------------------|----------------------------|
| Max. horizontal outreach      | + 18.0 m / – 11.5 m        |
| Max. working height and depth | + 23.0 m / – 14.0 m        |
| Max. basket load              | 280 kg                     |
| Slewing angle                 | 450° / optional continuous |



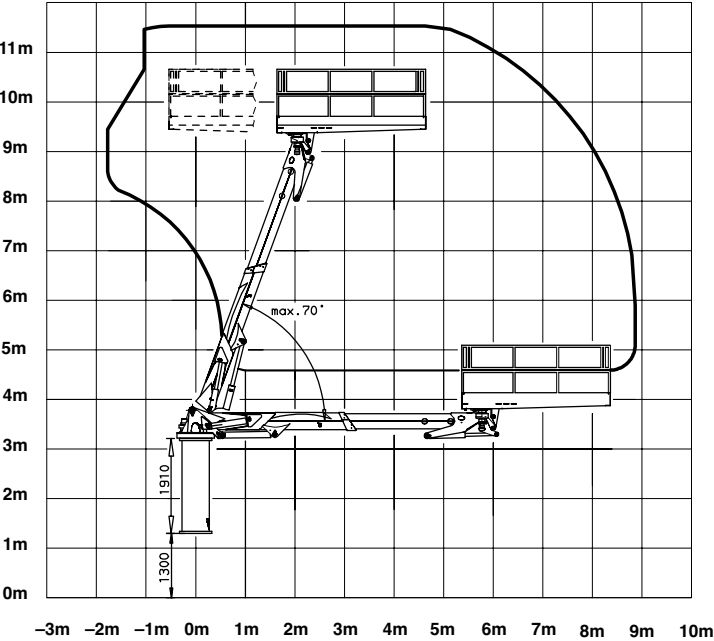
### PB 4

|                               |                            |
|-------------------------------|----------------------------|
| Max. horizontal outreach      | + 5.5 m / – 25.0 m         |
| Max. working height and depth | + 28.0 m / – 28.0 m        |
| Max. basket load              | 280 kg                     |
| Slewing angle                 | 450° / optional continuous |

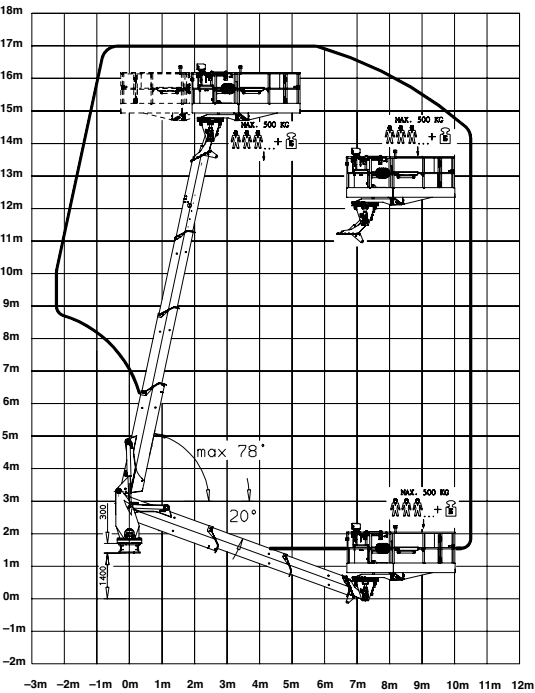


# RAILWAY AERIAL WORK PLATFORMS

| MODEL                    | PA 95                      | PA 120                     |
|--------------------------|----------------------------|----------------------------|
| Max. horizontal outreach | 6.7 m                      | 8.9 m                      |
| Max. working height      | 8.0 m / 9.5 m              | 10.0 m / 11.5 m            |
| Max. basket load         | 600 kg                     | 500 kg                     |
| Slewing angle            | 450° / optional continuous | 450° / optional continuous |



| MODEL                    | PA 115                     | PA 125                     |
|--------------------------|----------------------------|----------------------------|
| Max. horizontal outreach | 10.5 m                     | 10.5 m                     |
| Max. working height      | 14.2 m                     | 17.0 m                     |
| Max. basket load         | 500 kg                     | 500 kg                     |
| Slewing angle            | 450° / optional continuous | 450° / optional continuous |

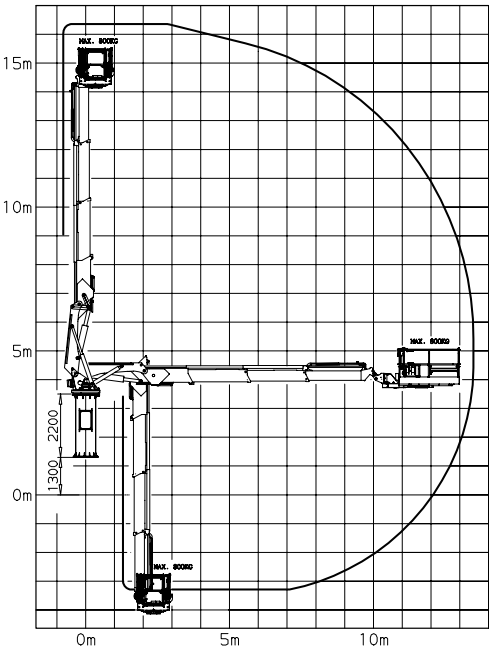




# CONSTRUCTION & MAINTENANCE OF CATENARY SYSTEMS

## PA 240

|                               |                            |
|-------------------------------|----------------------------|
| Max. horizontal outreach      | 13.4 m                     |
| Max. working height and depth | + 16.3 m / – 3.2 m         |
| Max. basket load              | 800 kg                     |
| Slewing angle                 | 450° / optional continuous |

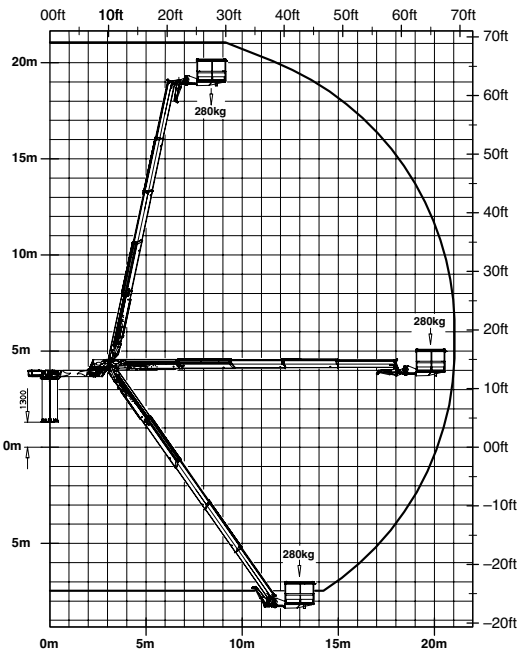


## MODEL

## PA 360 A

## PA 360 C

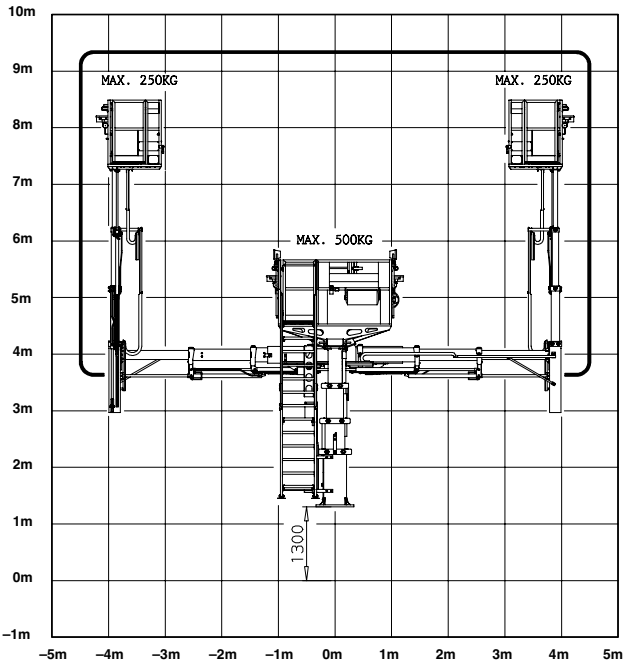
|                               |                    |                    |
|-------------------------------|--------------------|--------------------|
| Max. horizontal outreach      | 16.3 m             | 21.0 m             |
| Max. working height and depth | + 16.0 m / – 3.2 m | + 21.0 m / – 7.5 m |
| Max. basket load              | 800 kg             | 280 kg             |
| Slewing angle                 | continuous         | continuous         |



# SAFETY AND EFFICIENCY

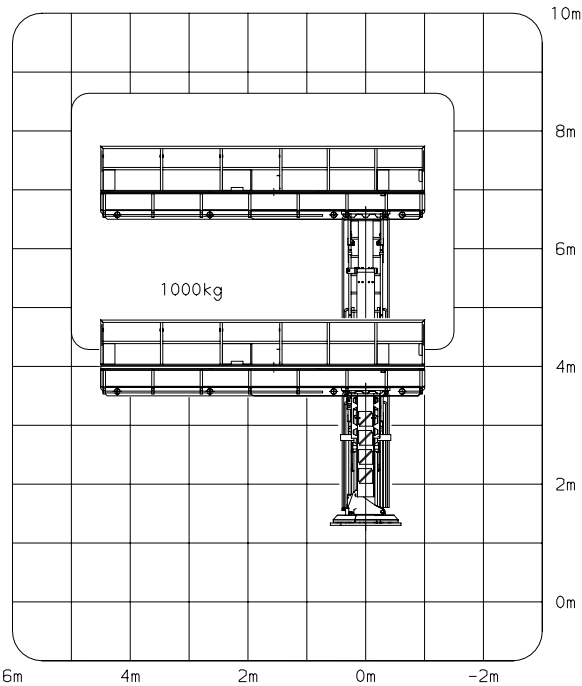
## PA 1002

|                          |                               |
|--------------------------|-------------------------------|
| Max. horizontal outreach | + / - 4.5 m                   |
| Max. working height      | 9.3 m                         |
| Max. basket load         | 1000 kg (500 kg + 2 x 250 kg) |



## PA 1003

|                          |         |
|--------------------------|---------|
| Max. horizontal outreach | 4.6 m   |
| Max. working height      | 8.6 m   |
| Max. basket load         | 1000 kg |
| Slewing angle            | 270°    |

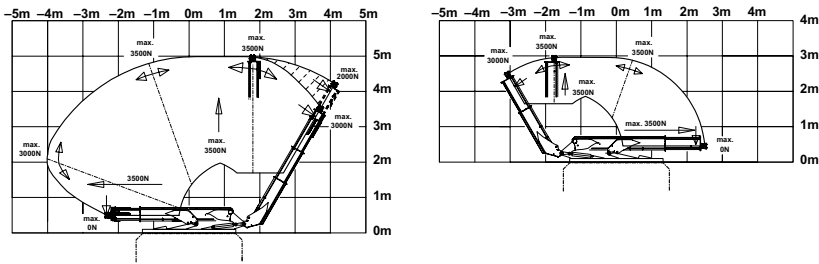




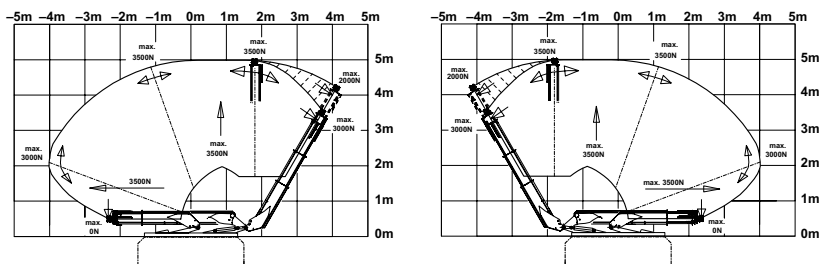
# THE CONTACT WIRE AND SUSPENSION CABLE POSITIONERS

| MODEL                 | PFD 79        | PFD 99        |
|-----------------------|---------------|---------------|
| Max. working height   | 7.0 m + 9.0 m | 9.0 m + 9.0 m |
| Max. tangential force | 3.0 kN        | 3.0 kN        |
| Max. extension force  | 3.5 kN        | 3.5 kN        |

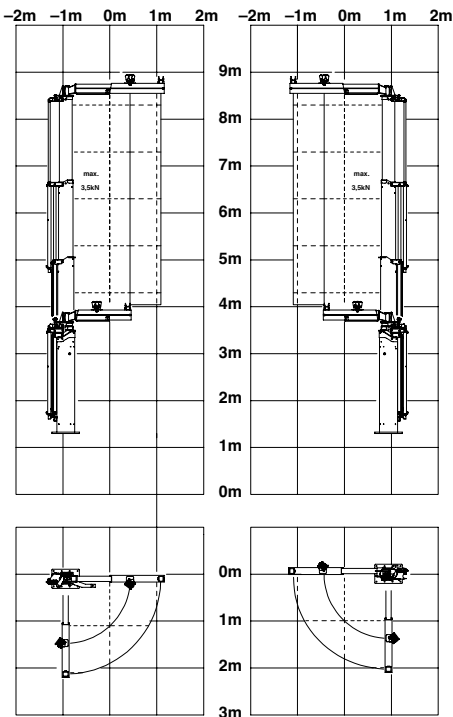
PFD 79



PFD 99



| PFD 85                |           |
|-----------------------|-----------|
| Max. working height   | 2 x 8.5 m |
| Max. horizontal force | 3.0 kN    |
| Max. vertical force   | 3.5 kN    |



# **PALFINGER RAILWAY SERVICE**

## **A PARTNERSHIP THAT LASTS THE ENTIRE PRODUCT LIFETIME**

- Service is of top priority for PALFINGER Railway. Our extensive global service network allows us to be close to our customers, wherever they may be in the world.
- We offer rapid, professional and unbureaucratic support for all technical issues.
- Customer-focused thinking and flexibility are key strengths of our highly qualified and experienced team of technicians.
- With a long product lifecycle and high cost efficiency, PALFINGER products are highly regarded the world over.
- The PALFINGER Railway service team provides you with support from the commissioning phase and beyond, handling training, servicing and repairs. We also adapt the equipment to your local requirements and perform upgrades for a second product lifecycle.







**PALFINGER Europe GmbH**  
Moosmühlstraße 1  
A-5203 Köstendorf | Austria  
T +43 6216 7660 | [info@palfinger.com](mailto:info@palfinger.com)

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