

MARINE CRANES

PALFINGER

LIFETIME EXCELLENCE

PALFINGER MARINE – YOUR **WORLDWIDE** **SPECIALIST** FOR RELIABLE AND INNOVATIVE **MARINE AND OFFSHORE CRANES**



LIFETIME EXCELLENCE

OUR PRODUCTS ARE DESIGNED TO **SATISFY THE SPECIFIC NEEDS OF OUR CUSTOMERS** – WE CARE ABOUT YOU. PALFINGER MARINE OFFERS A WIDE RANGE OF KNUCKLE BOOM, STIFF BOOM, TELESCOPIC BOOM AND HEAVY DUTY CRANES FOR THE TOUGHEST CONDITIONS AND THE **MOST DIVERSE APPLICATIONS.**

HIGHER VALUE
RETENTION

MORE
FLEXIBILITY

BETTER
EFFICIENCY

BETTER
SOLUTIONS



BETTER
ERGONOMICS

HIGHER
SERVICEABILITY

MORE
RELIABILITY

HIGHER
AVAILABILITY



HIGHEST STANDARDS OF QUALITY AND RELIABILITY

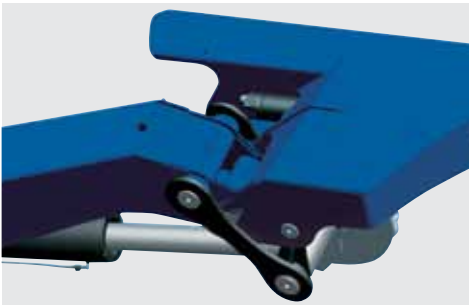


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- Decades of worldwide practical experience
 - Innovative and customized solutions
 - Excellent customer care
 - Fast and easy maintenance
 - Sophisticated crane geometry
 - Exceptional weight/power ratio
 - Long lasting surface protection (paint)



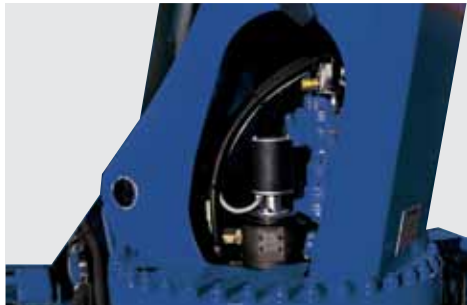
CONVINCING ARGUMENTS

12 HIGHLIGHTS



POWER LINK SYSTEM

- Constant lifting moment
- Maximum power at the hook
- Even in unfavourable boom angles



CONTINUOUS SLEWING SYSTEM

- More efficiency in use
- Fast work rate due to shorter distances
- Greater variety of applications
- Safe and smoother operation due to elimination of reaching endstop



RETURN OIL UTILISATION ON PK-TYPE CRANES

- Regenerative hydraulic circuit
- Higher speed in the extension booms
- 30 % increase in working speed
- More efficiency due to reduced load cycle times



WINCHES

- Many different performance classes
- Optimal efficiency
- High working speeds
- Proven safety equipment
- Compact design



LOCAL CONTROL STAND – FLVK

- Optional protection cover
- Prevention of corrosion and unauthorised operation
- Fix installed on all continuous slewing cranes



REMOTE CONTROL

- Remote control system with digital data transmission
- Maximum safety and convenience
- Various styles: cable remote or radio remote control system
- Explosion-proof execution suitable up to Zone I (optional)



WORKMAN BASKETS (EQUIPMENT)

- Diverse applications for daily use
- Marine crane as multipurpose work machine
- Allows for inspection work when combined with remote control
- Combine with rotator, bucket etc. and expand the scope of applications



HYDRAULIC POWER PACKS

- Withstand harsh and hostile environments
- Equipped with fluid level indicator, thermometer and filler-breather filter
- Load sensing (standard from 30 mt)
- Three-phase electric motors (5.5 kW up to 2 x 110 kW)
- Available in specified voltage and frequency



KTL - CATHODIC DIP PAINTING

- Surface protection of the highest quality
- 3-ply marine coating
- Elastic, abrasion-resistant and UV resistant
- High impact resistance and temperature resistance
- Excellent corrosion and cavity protection
- Increased resale value



ATEX CERTIFICATION

- Standard EX II 3 G T3
- Option EX II 2 G T4



CLASS

- Structural calculations are adapted to regulations and requirements of classification societies
- Projects under class are realized with the respective surveyor/s
- Most represented are: DNV, GL, LR, ABS, BV, RRR, RMRS, RINA, CCS, NKK



EXCELLENT CUSTOMER CARE

- Worldwide coverage and 24/7 availability
- PALFINGER MARINE central warehouse, covering most of the spare parts
- User training for crew and operators
- 1st line maintenance, trouble shooting and repairs
- Guarantee: 1 year full guarantee on all cranes including labour and parts, 2 years guarantee on all load-bearing parts



* Optional features / country-specific equipment

COMPACT ALL-ROUNDERS

FOLDABLE KNUCKLE BOOM CRANES – PC/PK



PC 2700 M

Lifting capacity			Lifting moment	25.5 kNm	2.6 mt
Max.	19.6 kN	2000 kg	Max. hydraulic outreach	5.0 m	
1.5 m	16.7 kN	1700 kg	Slewing angle	325°	
2.7 m	9.3 kN	950 kg	Operating pressure	200 bar	
3.8 m	6.5 kN	660 kg	Dead weight	238 kg	
5.0 m	4.9 kN	500 kg			



PK 4501 M

Lifting capacity			Lifting moment	40.0 kNm	4.2 mt
Max.	27.8 kN	2830 kg	Max. hydraulic outreach	11.1 m	
3.6 m	11.1 kN	1130 kg	Slewing angle	400°	
5.1 m	7.7 kN	780 kg	Operating pressure	300 bar	
7.1 m	5.1 kN	520 kg	Dead weight	525 kg	
9.0 m	3.5 kN	360 kg			
10.9 m	2.5 kN	250 kg			



PK 6500 M

Lifting capacity			Lifting moment	56.9 kNm	5.8 mt
Max.	32.4 kN	3300 kg	Max. hydraulic outreach	9.6 m	
4.0 m	14.2 kN	1450 kg	Slewing angle	400°	
5.6 m	10.1 kN	1030 kg	Operating pressure	315 bar	
7.5 m	7.1 kN	720 kg	Dead weight	555 kg	
9.4 m	5.2 kN	530 kg			



PK 8500 TM

Lifting capacity			Lifting moment	83.2 kNm	8.5 mt
Max.	38.3 kN	3900 kg	Max. hydraulic outreach	10.5 m	
4.4 m	19.6 kN	2000 kg	Slewing angle	400°	
6.3 m	12.8 kN	1300 kg	Operating pressure	300 bar	
8.5 m	8.7 kN	890 kg	Dead weight	580 kg	
10.5 m	6.1 kN	620 kg			



PK 8501 M

Lifting capacity		
Max.	55.9 kN	5700 kg
3.6 m	20.3 kN	2070 kg
5.4 m	13.2 kN	1350 kg
7.3 m	9.0 kN	920 kg
9.4 m	6.3 kN	640 kg
11.6 m	4.2 kN	430 kg
13.8 m	2.6 kN	270 kg

Lifting moment	74.0 kNm	7.5 mt
Max. hydraulic outreach		14.0 m
Slewing angle		400°
Operating pressure		310 bar
Dead weight		790 kg



PK 11001 M

Lifting capacity		
Max.	54.4 kN	5550 kg
3.8 m	24.5 kN	2500 kg
5.6 m	16.3 kN	1660 kg
7.6 m	11.3 kN	1150 kg
9.7 m	7.9 kN	810 kg
11.8 m	5.6 kN	570 kg
14.0 m	3.9 kN	400 kg

Lifting moment	95.0 kNm	9.6 mt
Max. hydraulic outreach		14.2 m
Slewing angle		400°
Operating pressure		310 bar
Dead weight		880 kg



PK 12000 M

Lifting capacity		
Max.	66.6 kN	6790 kg
4.5 m	25.4 kN	2590 kg
6.1 m	18.7 kN	1910 kg
8.1 m	13.3 kN	1360 kg
10.2 m	9.6 kN	980 kg
12.2 m	7.1 kN	720 kg
14.3 m	5.2 kN	530 kg

Lifting moment	113.8 kNm	11.6 mt
Max. hydraulic outreach		14.6 m
Slewing angle		420°
Operating pressure		300 bar
Dead weight		970 kg



PK 15500 M

Lifting capacity		
Max.	60.8 kN	6200 kg
4.5 m	32.0 kN	3260 kg
6.1 m	23.3 kN	2380 kg
8.0 m	16.6 kN	1690 kg
10.1 m	12.1 kN	1230 kg
12.2 m	8.9 kN	910 kg
14.3 m	6.4 kN	650 kg

Lifting moment	143.2 kNm	14.6 mt
Max. hydraulic outreach		14.5 m
Slewing angle		420°
Operating pressure		300 bar
Dead weight		1160 kg



PK 18500 M

Lifting capacity		
Max.	78.5 kN	8000 kg
4.2 m	42.7 kN	4350 kg
6.1 m	29.4 kN	3000 kg
8.0 m	21.3 kN	2170 kg
10.2 m	15.7 kN	1600 kg
12.3 m	12.0 kN	1220 kg
14.4 m	9.2 kN	940 kg

Lifting moment	180.0 kNm	18.4 mt
Max. hydraulic outreach		14.6 m
Slewing angle		400°
Operating pressure		300 bar
Dead weight		1660 kg



PK 23500 M

Lifting capacity		
Max.	98.1 kN	10000 kg
4.2 m	53.4 kN	5450 kg
6.1 m	36.9 kN	3760 kg
8.0 m	26.8 kN	2730 kg
10.1 m	20.0 kN	2040 kg
12.3 m	15.4 kN	1570 kg
14.4 m	11.9 kN	1210 kg
16.5 m	9.4 kN	960 kg

Lifting moment	226.0 kNm	23.0 mt
Max. hydraulic outreach		16.7 m
Slewing angle		400°
Operating pressure		300 bar
Dead weight		1720 kg



PK 29002 M

Lifting capacity		
Max.	98.1 kN	10000 kg
4.6 m	46.8 kN	4770 kg
6.5 m	29.5 kN	3010 kg
8.4 m	20.4 kN	2080 kg
10.5 m	14.5 kN	1475 kg
12.6 m	10.9 kN	1110 kg
14.7 m	8.5 kN	870 kg
16.8 m	7.0 kN	715 kg
19.0 m	6.0 kN	610 kg
21.1 m	5.3 kN	540 kg

Lifting moment	269.8 kNm	27.5 mt
Max. hydraulic outreach		21.1 m
Slewing angle		400°
Operating pressure		300 bar
Dead weight		3256 kg



PK 32080 M

Lifting capacity		
Max.	106.6 kN	8500 kg
4.2 m	66.1 kN	7200 kg
6.0 m	52.1 kN	5010 kg
7.9 m	39.7 kN	3840 kg
9.9 m	29.7 kN	2900 kg
11.9 m	22.7 kN	2260 kg
14.0 m	17.2 kN	1790 kg

Lifting moment	298.2 kNm	30.4 mt
Max. hydraulic outreach		13.8 m
Slewing angle		400°
Operating pressure		295 bar
Dead weight		2718 kg



PK 32002 M

Lifting capacity

Max.	106.6 kN	10870 kg
4.3 m	68.7 kN	7000 kg
5.7 m	52.1 kN	5310 kg
7.5 m	39.7 kN	4050 kg
9.5 m	29.7 kN	3030 kg
11.5 m	22.7 kN	2310 kg
13.7 m	17.2 kN	1750 kg
15.9 m	12.9 kN	1310 kg
18.2 m	9.2 kN	940 kg
20.5 m	6.9 kN	700 kg

Lifting moment

309.0 kNm	31.5 mt
Max. hydraulic outreach	20.6 m
Slewing angle	endless
Operating pressure	300 bar
Dead weight	2620 kg



PK 40002 M

Lifting capacity

Max.	129.1 kN	13160 kg
4.5 m	80.6 kN	8220 kg
5.7 m	63.8 kN	6500 kg
7.5 m	48.6 kN	4950 kg
9.5 m	36.7 kN	3740 kg
11.5 m	28.4 kN	2890 kg
13.7 m	21.7 kN	2210 kg
15.9 m	16.6 kN	1690 kg
18.2 m	12.6 kN	1280 kg
20.5 m	9.4 kN	960 kg

Lifting moment

375.7 kNm	38.3 mt
Max. hydraulic outreach	20.6 m
Slewing angle	endless
Operating pressure	300 bar
Dead weight	2920 kg



PK 50002 M

Lifting capacity

Max.	186.4 kN	19000 kg
4.4 m	104.4 kN	10640 kg
5.8 m	79.3 kN	8080 kg
7.5 m	61.3 kN	6250 kg
9.4 m	47.2 kN	4810 kg
11.4 m	37.1 kN	3780 kg
13.7 m	28.5 kN	2910 kg
15.8 m	22.6 kN	2300 kg
18.0 m	17.7 kN	1800 kg
20.4 m	14.2 kN	1450 kg

Lifting moment

477.7 kNm	48.7 mt
Max. hydraulic outreach	20.5 m
Slewing angle	endless
Operating pressure	300 bar
Dead weight	4427 kg



PK 65002 M

Lifting capacity

Max.	215.8 kN	22000 kg
4.4 m	132.0 kN	13460 kg
5.8 m	100.6 kN	10250 kg
7.5 m	77.9 kN	7940 kg
9.4 m	60.6 kN	6180 kg
11.4 m	47.4 kN	4830 kg
13.7 m	37.1 kN	3780 kg
15.8 m	29.7 kN	3030 kg
18.0 m	23.9 kN	2440 kg
20.4 m	19.3 kN	1970 kg

Lifting moment

602.3 kNm	61.4 mt
Max. hydraulic outreach	20.5 m
Slewing angle	endless
Operating pressure	300 bar
Dead weight	4555 kg



PK 9002 M

Lifting capacity

Max.	245.1 kN	25000 kg
4.4 m	166.8 kN	17000 kg
5.6 m	122.6 kN	12500 kg
7.4 m	94.2 kN	9600 kg
9.3 m	75.5 kN	7700 kg
11.3 m	59.8 kN	6100 kg
13.3 m	47.1 kN	4800 kg
15.3 m	37.3 kN	3800 kg
17.4 m	29.4 kN	3000 kg
19.7 m	23.5 kN	2400 kg
22.0 m	18.6 kN	1900 kg

Lifting moment

726.9 kNm	74.1 mt
Max. hydraulic outreach	22.0 m
Slewing angle	endless
Operating pressure	300 bar
Dead weight	5880 kg



PK 15002 M

Lifting capacity

Max.	294.3 kN	30000 kg
3.8 m	256.0 kN	26100 kg
5.3 m	190.3 kN	19400 kg
7.2 m	148.1 kN	15100 kg
8.9 m	115.8 kN	11800 kg
10.8 m	92.2 kN	9400 kg
12.7 m	75.5 kN	7700 kg
14.6 m	60.8 kN	6200 kg
16.8 m	49.1 kN	5000 kg
19.1 m	40.2 kN	4100 kg
21.5 m	32.4 kN	3300 kg

Lifting moment

1015.3 kNm	103.5 mt
Max. hydraulic outreach	21.5 m
Slewing angle	endless
Operating pressure	300 bar
Dead weight	7060 kg

HEAVY LOAD EXPERTS **HEAVY DUTY** FOLDABLE KNUCKLE BOOM CRANES – PFM



PFM 2500

Lifting capacity SWL

11.8 m	147.2 kN	15000 kg
14.3 m	112.8 kN	11500 kg
17.0 m	88.3 kN	9000 kg
20.0 m	70.6 kN	7000 kg

Lifting moment

1805.0 kNm	184.0 mt
Max. heel and trim	5° 2°
Slewing angle	endless
Dead weight	17100 kg
Operating pressure	300 bar
Recommended pump capacity	2x170 l/min



PFM 3500

Lifting capacity SWL

13.2 m	176.6 kN	18000 kg
15.7 m	147.2 kN	15000 kg
18.4 m	119.7 kN	12200 kg
21.0 m	98.1 kN	10000 kg

Lifting moment

2403.9 kNm	245.0 mt
Max. heel and trim	5° 2°
Slewing angle	endless
Dead weight	23740 kg
Operating pressure	300 bar
Recommended pump capacity	2x200 l/min



PFM 4500 (ON REQUEST)

Lifting capacity SWL

14.7 m	213.9 kN	21800 kg
17.3 m	174.6 kN	17800 kg
20.0 m	137.3 kN	14000 kg

Lifting moment

3237.0 kNm	330.0 mt
Max. heel and trim	5° 2°
Slewing angle	endless
Dead weight	24800 kg
Operating pressure	300 bar
Recommended pump capacity	2x250 l/min

EASILY-MAINTAINED HELPERS

STIFF BOOM CRANES – PSM



PSM 200

Lifting capacity SWL			Lifting moment	214.0 kNm	21.8 mt
6.0 m	34.3 kN	3500 kg	Max. heel and trim	5° 2°	
8.0 m	24.5 kN	2500 kg	Slewing angle	endless	
10.0 m	18.6 kN	1900 kg	Dead weight	2675 kg	
12.0 m	13.7 kN	1400 kg	Operating pressure	250 bar	
14.0 m	10.8 kN	1100 kg	Recommended pump capacity	40 - 50 l/min	
16.0 m	8.8 kN	900 kg	Self contained powerpack		



PSM 400

Lifting capacity SWL			Lifting moment	340.0 kNm	34.7 mt
6.0 m	54.9 kN	5600 kg	Max. heel and trim	5° 2°	
8.0 m	40.2 kN	4100 kg	Slewing angle	endless	
10.0 m	31.9 kN	3250 kg	Dead weight	3170 kg	
12.0 m	24.5 kN	2500 kg	Operating pressure	250 bar	
14.0 m	19.6 kN	2000 kg	Recommended pump capacity	70 - 100 l/min	
16.0 m	16.7 kN	1700 kg	Self contained powerpack		



PSM 600

Lifting capacity SWL			Lifting moment	600.0 kNm	61.2 mt
6.0 m	98.1 kN	10000 kg	Max. heel and trim	5° 2°	
8.0 m	72.6 kN	7400 kg	Slewing angle	endless	
10.0 m	56.9 kN	5800 kg	Dead weight	4375 kg	
12.0 m	45.1 kN	4600 kg	Operating pressure	250 bar	
14.0 m	37.3 kN	3800 kg	Recommended pump capacity	100-120 l/min	
16.0 m	31.4 kN	3200 kg	Self contained powerpack		
18.0 m	27.5 kN	2800 kg			
20.0 m	22.6 kN	2300 kg			



PSM 900

Lifting capacity SWL			Lifting moment	852.0 kNm	86.9 mt
6.0 m	139.3 kN	14200 kg	Max. heel and trim	5° 2°	
8.0 m	100.1 kN	10200 kg	Slewing angle	endless	
10.0 m	79.5 kN	8100 kg	Dead weight	5900 kg	
12.0 m	64.7 kN	6600 kg	Operating pressure	250 bar	
14.0 m	54.0 kN	5500 kg	Recommended pump capacity	100-120 l/min	
16.0 m	46.1 kN	4700 kg	Self contained powerpack		
18.0 m	37.3 kN	3800 kg			
20.0 m	31.4 kN	3200 kg			



PSM 1200

Lifting capacity SWL

6.0 m	186.4 kN	19000 kg
8.0 m	139.3 kN	14200 kg
10.0 m	110.8 kN	11300 kg
12.0 m	87.3 kN	8900 kg
14.0 m	71.6 kN	7300 kg
16.0 m	60.8 kN	6200 kg
18.0 m	52.0 kN	5300 kg
20.0 m	45.1 kN	4600 kg
22.0 m	39.2 kN	4000 kg
24.0 m	34.3 kN	3500 kg

Lifting moment	1144.0 kNm	116.7 mt
Max. heel and trim	5° 2°	
Slewing angle	endless	
Dead weight	7775 kg	
Operating pressure	250 bar	
Recommended pump capacity	150-170 l/min	
Self contained powerpack		



PSM 1500

Lifting capacity SWL

7.0 m	199.1 kN	20300 kg
8.0 m	174.6 kN	17800 kg
10.0 m	138.3 kN	14100 kg
12.0 m	109.9 kN	11200 kg
14.0 m	92.2 kN	9400 kg
16.0 m	78.5 kN	8000 kg
18.0 m	66.7 kN	6800 kg
20.0 m	58.8 kN	6000 kg
22.0 m	51.0 kN	5200 kg
24.0 m	45.1 kN	4600 kg

Lifting moment	1424.0 kNm	145.2 mt
Max. heel and trim	5° 2°	
Slewing angle	endless	
Dead weight	9160 kg	
Operating pressure	250 bar	
Recommended pump capacity	150-170 l/min	
Self contained powerpack		



PSM 1800

Lifting capacity SWL

7.0 m	251.1 kN	25600 kg
8.0 m	218.7 kN	22300 kg
10.0 m	173.6 kN	17700 kg
12.0 m	139.3 kN	14200 kg
14.0 m	115.7 kN	11900 kg
16.0 m	100.0 kN	10200 kg
18.0 m	86.3 kN	8800 kg
20.0 m	75.5 kN	7700 kg
22.0 m	62.8 kN	6400 kg
24.0 m	53.0 kN	5400 kg

Lifting moment	1791.0 kNm	182.6 mt
Max. heel and trim	5° 2°	
Slewing angle	endless	
Dead weight	11400 kg	
Operating pressure	250 bar	
Recommended pump capacity	150-210 l/min	
Self contained powerpack		

FLEXIBLE PIONEERS ON ALL SEAS

TELESCOPIC CRANES – PTM



PTM 200

Lifting capacity SWL			Lifting moment	198.0 kNm	20.2 mt
6.0 m	32.4 kN	3300 kg	Max. heel and trim	5° 2°	
8.0 m	23.5 kN	2400 kg	Slewing angle	endless	
10.0 m	17.7 kN	1800 kg	Dead weight	2770 kg	
12.0 m	10.8 kN	1100 kg	Operating pressure	270 bar	
14.0 m	9.3 kN	950 kg	Recommended pump capacity	40 - 50 l/min	
			Self contained powerpack		



PTM 400

Lifting capacity SWL			Lifting moment	330.0 kNm	33.7 mt
6.0 m	52.0 kN	5300 kg	Max. heel and trim	5° 2°	
8.0 m	38.7 kN	3950 kg	Slewing angle	endless	
10.0 m	29.4 kN	3000 kg	Dead weight	3680 kg	
12.0 m	20.6 kN	2100 kg	Operating pressure	270 bar	
14.0 m	17.7 kN	1800 kg	Recommended pump capacity	70 - 100 l/min	
			Self contained powerpack		



PTM 600

Lifting capacity SWL			Lifting moment	525.0 kNm	53.5 mt
6.0 m	75.5 kN	7700 kg	Max. heel and trim	5° 2°	
8.0 m	62.8 kN	6400 kg	Slewing angle	endless	
10.0 m	48.1 kN	4900 kg	Dead weight	4960 kg	
12.0 m	39.2 kN	4000 kg	Operating pressure	280 bar	
14.0 m	27.5 kN	2800 kg	Recommended pump capacity	100-120 l/min	
16.0 m	23.5 kN	2400 kg	Self contained powerpack		
17.0 m	21.6 kN	2200 kg			



PTM 900

Lifting capacity SWL			Lifting moment	842.0 kNm	82.5 mt
6.0 m	98.1 kN	10000 kg	Max. heel and trim	5° 2°	
8.0 m	97.1 kN	9900 kg	Slewing angle	endless	
10.0 m	73.5 kN	7500 kg	Dead weight	7800 kg	
12.0 m	60.8 kN	6200 kg	Operating pressure	270 bar	
14.0 m	51.0 kN	5200 kg	Recommended pump capacity	150-170 l/min	
16.0 m	34.3 kN	3500 kg	Self contained powerpack		
18.0 m	29.4 kN	3000 kg			
20.0 m	26.5 kN	2700 kg			



PTM 1200

Lifting capacity SWL

6.0 m	117.7 kN	12000 kg
8.0 m	117.7 kN	12000 kg
10.0 m	103.0 kN	10500 kg
12.0 m	83.4 kN	8500 kg
14.0 m	69.7 kN	7100 kg
16.0 m	50.0 kN	5100 kg
18.0 m	43.7 kN	4450 kg
20.0 m	38.3 kN	3900 kg

Lifting moment

1190.0 kNm

121.3 mt

Max. heel and trim	5° 2°
Slewing angle	endless
Dead weight	11500 kg
Operating pressure	280 bar
Recommended pump capacity	150-170 l/min
Self contained powerpack	



PTM 1500

Lifting capacity SWL

6.0 m	147.2 kN	15000 kg
8.0 m	147.2 kN	15000 kg
10.0 m	122.6 kN	12500 kg
12.0 m	103.0 kN	10500 kg
14.0 m	87.3 kN	8900 kg
16.0 m	75.0 kN	7650 kg
18.0 m	64.7 kN	6600 kg
20.0 m	54.0 kN	5500 kg

Lifting moment

1420.0 kNm

139.3 mt

Max. heel and trim	5° 2°
Slewing angle	endless
Dead weight	16000 kg
Operating pressure	270 bar
Recommended pump capacity	150-170 l/min
Self contained powerpack	



PTM 1800

Lifting capacity SWL

6.0 m	147.2 kN	15000 kg
8.0 m	147.2 kN	15000 kg
10.0 m	147.2 kN	15000 kg
12.0 m	147.2 kN	15000 kg
14.0 m	117.7 kN	12000 kg
16.0 m	117.7 kN	12000 kg
18.0 m	103.0 kN	10500 kg
20.0 m	79.5 kN	8100 kg
22.0 m	69.7 kN	7100 kg
24.0 m	58.9 kN	6000 kg
26.0 m	40.2 kN	4100 kg
28.0 m	35.3 kN	3600 kg
30.0 m	32.4 kN	3300 kg
32.0 m	21.6 kN	2200 kg
34.0 m	19.6 kN	2000 kg
36.0 m	17.7 kN	1800 kg

Lifting moment

1800.0 kNm

183.5 mt

Max. heel and trim	5° 2°
Slewing angle	endless
Dead weight	19200 kg
Operating pressure	270 bar
Recommended pump capacity	150-210 l/min
Self contained powerpack	

MANOEUVRABLE AND STRONG PARTNERS

KNUCKLE BOOM CRANES – PKM



PKM 150

Lifting capacity SWL			Lifting moment	167.0 kNm	17.0 mt
8.0 m	20.6 kN	2100 kg	Max. heel and trim	5° 2°	
10.0 m	14.7 kN	1500 kg	Slewing angle	endless	
12.0 m	10.8 kN	1100 kg	Dead weight	3040 kg	
			Operating pressure	250 bar	
			Recommended pump capacity	40 - 65 l/min	
			Self contained powerpack		



PKM 250

Lifting capacity SWL			Lifting moment	290.0 kNm	29.6 mt
10.0 m	28.4 kN	2900 kg	Max. heel and trim	5° 2°	
12.0 m	21.6 kN	2200 kg	Slewing angle	endless	
14.0 m	17.2 kN	1750 kg	Dead weight	3750 kg	
			Operating pressure	250 bar	
			Recommended pump capacity	65 - 75 l/min	
			Self contained powerpack		



PKM 350

Lifting capacity SWL			Lifting moment	430.0 kNm	43.8 mt
12.0 m	35.3 kN	3600 kg	Max. heel and trim	5° 2°	
14.0 m	28.0 kN	2850 kg	Slewing angle	endless	
16.0 m	22.6 kN	2300 kg	Dead weight	5465 kg	
			Operating pressure	250 bar	
			Recommended pump capacity	65 - 100 l/min	
			Self contained powerpack		



PKM 550

Lifting capacity SWL			Lifting moment	660.0 kNm	67.3 mt
14.0 m	46.1 kN	4700 kg	Max. heel and trim	5° 2°	
16.0 m	37.8 kN	3850 kg	Slewing angle	endless	
18.0 m	31.4 kN	3200 kg	Dead weight	7430 kg	
			Operating pressure	250 bar	
			Recommended pump capacity	100-120 l/min	
			Self contained powerpack		



PKM 750

Lifting capacity SWL			Lifting moment	855.0 kNm	87.2 mt
14.0 m	59.8 kN	6100 kg	Max. heel and trim	5° 2°	
16.0 m	49.1 kN	5000 kg	Slewing angle	endless	
18.0 m	40.7 kN	4150 kg	Dead weight	10210 kg	
			Operating pressure	250 bar	
			Recommended pump capacity	150-170 l/min	
			Self contained powerpack		



PKM 1150

Lifting capacity SWL			Lifting moment	1160.0 kNm	118.3 mt
16.0 m	71.1 kN	7250 kg	Max. heel and trim	5° 2°	
18.0 m	61.3 kN	6250 kg	Slewing angle	endless	
20.0 m	51.0 kN	5200 kg	Dead weight	11770 kg	
			Operating pressure	250 bar	
			Recommended pump capacity	150-170 l/min	
			Self contained powerpack		



PKM 1450

Lifting capacity SWL			Lifting moment	1621.0 kNm	165.3 mt
16.0 m	88.3 kN	9000 kg	Max. heel and trim	5° 2°	
18.0 m	74.0 kN	7550 kg	Slewing angle	endless	
20.0 m	62.3 kN	6350 kg	Dead weight	14800 kg	
			Operating pressure	250 bar	
			Recommended pump capacity	150-210 l/min	
			Self contained powerpack		

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