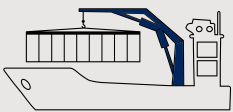


Marine Cranes

PALFINGER



KTL
protected

PALFINGER marine cranes are developed to meet a wide range of specific applications ...

Foldable knuckle boom cranes (PC and PK). Compact all-rounders.

Thanks to their sophisticated crane geometry, work is a pushover for PALFINGER MARINE knuckle boom cranes. They make full use of their strength and flexibility when loading and unloading equipment, material, tools and fishing equipment not to mention handling containers. Due to their compact construction, they can easily be accommodated on small ships and docks where space is at a premium.



PC 2300 M

Lifting capacity			Lifting moment	22.8 kNm	2.3 mt
max.	17.9 kN	1820 kg	Max. hydraulic outreach	4.1 m	
2.0 m	10.2 kN	1040 kg	Max. manual outreach	5.1 m	
3.1 m	7.0 kN	715 kg	Slewing angle	340°	
4.1 m	5.2 kN	530 kg	Operating pressure	185 bar	
5.1 m*	3.7 kN	380 kg	Dead weight	230 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	Max. manual outreach	12.7 m	
5.1 m	7.7 kN	780 kg	Slewing angle	400°	
7.1 m	5.1 kN	520 kg	Operating pressure	300 bar	
9.0 m	3.5 kN	360 kg	Dead weight	525 kg	
10.9 m	2.5 kN	250 kg			
12.5 m*	2.0 kN	200 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	Max. manual outreach	13.1 m	
5.6 m	10.1 kN	1030 kg	Slewing angle	400°	
7.5 m	7.1 kN	720 kg	Operating pressure	315 bar	
9.4 m	5.2 kN	530 kg	Dead weight	555 kg	
11.4 m*	3.2 kN	330 kg			
12.9 m*	2.2 kN	220 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	Max. manual outreach	14.6 m	
6.3 m	12.8 kN	1300 kg	Slewing angle	400°	
8.5 m	8.7 kN	890 kg	Operating pressure	300 bar	
10.5 m	6.1 kN	620 kg	Dead weight	580 kg	
12.5 m*	4.7 kN	480 kg			
14.5 m*	3.7 kN	380 kg			

* mechanical extension

Indicated loads in hook mode! When operating in winch-mode the lifting loads must be reduced by the weight of specific winch.

... for offshore, ship-mounted and onshore applications

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
15.7 m*	2.1 kN	210 kg

Lifting moment	74.0 kNm	7.5 mt
Max. hydraulic outreach		14.0 m
Max. manual outreach		16.0 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
15.9 m*	3.1 kN	320 kg

Lifting moment	95.0 kNm	9.6 mt
Max. hydraulic outreach		14.2 m
Max. manual outreach		16.2 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
16.4 m*	3.7 kN	380 kg

Lifting moment	113.8 kNm	11.6 mt
Max. hydraulic outreach		14.6 m
Max. manual outreach		16.6 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
16.5 m*	5.1 kN	520 kg
18.4 m*	4.2 kN	430 kg

Lifting moment	143.2 kNm	14.6 mt
Max. hydraulic outreach		14.5 m
Max. manual outreach		18.8 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
16.6 m*	7.6 kN	770 kg
18.7 m*	6.1 kN	620 kg

Lifting moment	180.0 kNm	18.4 mt
Max. hydraulic outreach		14.6 m
Max. manual outreach		18.8 m
Slewing angle		400°
Operating pressure		300 bar
Dead weight		1660 kg



The PALFINGER marine crane series ...



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
18.5 m*	6.1 kN	620 kg

Lifting moment	226.0 kNm	23.0 mt
Max. hydraulic outreach		16.7 m
Max. manual outreach		18.8 m
Slewing angle		400°
Operating pressure		300 bar
Dead weight		1720 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
16.1 m*	12.9 kN	1300 kg
18.4 m*	9.2 kN	900 kg
20.7 m*	6.9 kN	600 kg

Lifting moment	298.2 kNm	30.4 mt
Max. hydraulic outreach		13.8 m
Max. manual outreach		20.9 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
22.6 m*	5.7 kN	580 kg
24.6 m*	4.9 kN	500 kg

Lifting moment	309.0 kNm	31.5 mt
Max. hydraulic outreach		20.6 m
Max. manual outreach		24.8 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
22.6 m*	8.0 kN	820 kg
24.6 m*	5.9 kN	600 kg

Lifting moment	375.7 kNm	38.3 mt
Max. hydraulic outreach		20.6 m
Max. manual outreach		24.8 m
Slewing angle		endless
Operating pressure		300 bar
Dead weight		2920 kg

* mechanical extension

Indicated loads in hook mode! When operating in winch-mode the lifting loads must be reduced by the weight of specific winch.

... drawing on decades of worldwide practical experience

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	2910kg
15.8 m	22.6 kN	2300 kg
18.0 m	17.7 kN	1800 kg
20.4 m	14.2 kN	1450 kg
22.7 m*	11.9 kN	1210 kg
25.0 m*	10.2 kN	1040 kg

Lifting moment	477.7 kNm	48.7 mt
Max. hydraulic outreach		20.5 m
Max. manual outreach		25.1 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
22.7 m*	16.5 kN	1680 kg
25.0 m*	12.8 kN	1300 kg

Lifting moment	602.3 kNm	61.4 mt
Max. hydraulic outreach		20.5 m
Max. manual outreach		25.1 m
Slewing angle		endless
Operating pressure		300 bar
Dead weight		4555 kg



PK 90002 M

Lifting capacity		
max.	245.1 kN	25000 kg
4.4 m	176.6 kN	18000 kg
5.6 m	139.8 kN	14250 kg
7.4 m	105.9 kN	10800 kg
9.2 m	85.8 kN	8750 kg
11.1 m	67.7 kN	6900 kg
13.1 m	54.4 kN	5550 kg
15.2 m	43.7 kN	4450 kg
17.3 m	35.3 kN	3600 kg
21.9 m	23.1 kN	2350 kg
24.3 m*	19.6 kN	2000 kg
26.9 m*	16.2 kN	1650 kg

Lifting moment	824.0 kNm	84 mt
Max. hydraulic outreach		22.0 m
Max. manual outreach		27.1 m
Slewing angle		endless
Operating pressure		330 bar
Dead weight		5880 kg



PK 150002 M

Lifting capacity		
max.	294.3 kN	30000 kg
4.2 m	261.9 kN	26700 kg
5.3 m	208.0 kN	21200 kg
6.9 m	161.2 kN	16430 kg
8.6 m	130.8 kN	13330 kg
10.5 m	104.6 kN	10660 kg
12.4 m	85.3 kN	8700 kg
14.3 m	70.7 kN	7210 kg
16.6 m	54.5 kN	5560 kg
18.8 m	47.9 kN	4880 kg
21.2 m	39.6 kN	4040 kg
23.9 m*	29.4 kN	3000 kg
26.6 m*	21.6 kN	2200 kg

Lifting moment	1146.0 kNm	116.8 mt
Max. hydraulic outreach		21.5 m
Max. manual outreach		26.9 m
Slewing angle		endless
Operating pressure		330 bar
Dead weight		7060 kg



Success has been based on maintaining the very highest standards of quality and reliability ...

Stiff boom cranes (PSM). Easily-maintained helpers on the high seas.

Stiff boom cranes by PALFINGER MARINE are impressive not only due to their excellent weight/power ratio but also because they are incredibly easy to maintain. Their slender design and the ability to attach additional winches make them attractive to operators of working, passenger and marine vessels. Demountable crane booms simplify transport.



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			

... even more important is our uncompromising commitment to satisfy the specific needs of our customers

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			Lifting moment	1144.0 kNm	116.7 mt
6.0 m	186.4 kN	19000 kg	Max. heel and trim	5° 2°	
8.0 m	139.3 kN	14200 kg	Slewing angle	endless	
10.0 m	110.8 kN	11300 kg	Dead weight	7775 kg	
12.0 m	87.3 kN	8900 kg	Operating pressure	250 bar	
14.0 m	71.6 kN	7300 kg	Recommended pump capacity	150-170 l/min	
16.0 m	60.8 kN	6200 kg	Self contained powerpack		
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			

PSM 1500

Lifting capacity SWL			Lifting moment	1424.0 kNm	145.2 mt
7.0 m	199.1 kN	20300 kg	Max. heel and trim	5° 2°	
8.0 m	174.6 kN	17800 kg	Slewing angle	endless	
10.0 m	138.3 kN	14100 kg	Dead weight	9160 kg	
12.0 m	109.9 kN	11200 kg	Operating pressure	250 bar	
14.0 m	92.2 kN	9400 kg	Recommended pump capacity	150-170 l/min	
16.0 m	78.5 kN	8000 kg	Self contained powerpack		
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			

PSM 1800

Lifting capacity SWL			Lifting moment	1791.0 kNm	182.6 mt
7.0 m	251.1 kN	25600 kg	Max. heel and trim	5° 2°	
8.0 m	218.7 kN	22300 kg	Slewing angle	endless	
10.0 m	173.6 kN	17700 kg	Dead weight	11400 kg	
12.0 m	139.3 kN	14200 kg	Operating pressure	250 bar	
14.0 m	115.7 kN	11900 kg	Recommended pump capacity	150-210 l/min	
16.0 m	100.0 kN	10200 kg	Self contained powerpack		
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			



Consistent technical superiority has enabled PALFINGER MARINE to...

Telescopic cranes (PTM). Flexible helpers on all seas.

The models from PALFINGER MARINE's range of telescopic cranes demonstrate just how compact and flexible marine cranes really can be. The extending telescopic boom enables flexible adjustment of the outreach to any operating conditions. Shorter cable lengths ensure safe load handling at close range. Operators appreciate the easy maintenance and high level of safety.



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			

... pioneer new and innovative solutions

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			Lifting moment	1190.0 kNm	121.3 mt
6.0 m	117.7 kN	12000 kg	Max. heel and trim	5° 2°	
8.0 m	117.7 kN	12000 kg	Slewing angle	endless	
10.0 m	103.0 kN	10500 kg	Dead weight	11500 kg	
12.0 m	83.4 kN	8500 kg	Operating pressure	280 bar	
14.0 m	69.7 kN	7100 kg	Recommended pump capacity	150-170 l/min	
16.0 m	50.0 kN	5100 kg	Self contained powerpack		
18.0 m	43.7 kN	4450 kg			
20.0 m	38.3 kN	3900 kg			



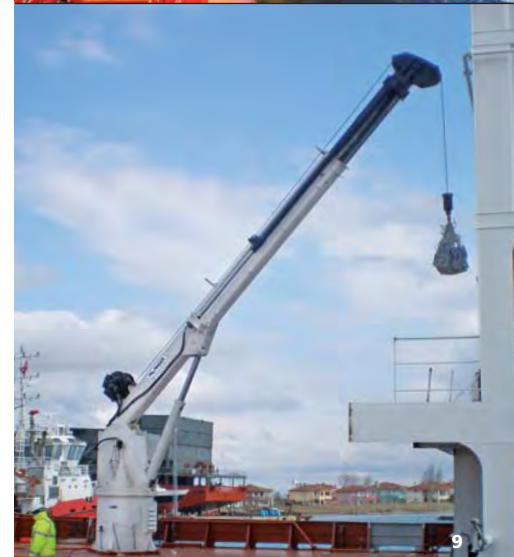
PTM 1500

Lifting capacity SWL			Lifting moment	1420.0 kNm	139.3 mt
6.0 m	147.2 kN	15000 kg	Max. heel and trim	5° 2°	
8.0 m	147.2 kN	15000 kg	Slewing angle	endless	
10.0 m	122.6 kN	12500 kg	Dead weight	16000 kg	
12.0 m	103.0 kN	10500 kg	Operating pressure	270 bar	
14.0 m	87.3 kN	8900 kg	Recommended pump capacity	150-170 l/min	
16.0 m	75.0 kN	7650 kg	Self contained powerpack		
18.0 m	64.7 kN	6600 kg			
20.0 m	54.0 kN	5500 kg			



PTM 1800

Lifting capacity SWL			Lifting moment	1800.0 kNm	183.5 mt
6.0 m	147.2 kN	15000 kg	Max. heel and trim	5° 2°	
8.0 m	147.2 kN	15000 kg	Slewing angle	endless	
10.0 m	147.2 kN	15000 kg	Dead weight	19200 kg	
12.0 m	147.2 kN	15000 kg	Operating pressure	270 bar	
14.0 m	117.7 kN	12000 kg	Recommended pump capacity	150-210 l/min	
16.0 m	117.7 kN	12000 kg	Self contained powerpack		
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			



In a market where quality is paramount ...

Knuckle boom cranes (PKM). Maneuverable and strong at the same time.

PALFINGER marine cranes from the PKM range are at home on working, passenger and marine vessels, yachts and docks. Their boom system means flexible outreaches, their knuckle boom makes working at close range more comfortable. Operators love the compact parking position, easy maintenance and flexible winch solutions.



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		

... PALFINGER MARINE excels

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 kg	
			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 kg	
			Recommended pump capacity	150-210 l/min	
			Self contained powerpack		



Heavy duty foldable knuckle boom cranes (PFM)

PFM 2500 (on request)

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

Indicated loads in hook mode! When operating in winch-mode the lifting loads must be reduced by the weight of specific winch.



Elaborate process for long-lasting surface protection

There has always been a major emphasis placed on quality at PALFINGER MARINE. Ultra-modern production facilities, a high degree of automation and the use of high-grade materials and supplies guarantee an extremely cost-efficient production process and the quality for which PALFINGER marine cranes are known worldwide. With the installation of cathodic dip painting units at the Maribor and Lenggau production plants, PALFINGER MARINE is creating a quality standard which previously was only common in the automobile industry. The right surface treatment is the base for durable, long-lasting surface protection. The components pass through the process stages of priming and painting fully automatically.

KTL painting process for crane components



Metal shot-blasted base frame prior to the immersion operation.

In the individual immersion tanks (13 in number) the crane parts are degreased, washed, activated, coated with zinc phosphate, washed again, de-activated and after rinsing with ultra-clean water they then undergo the electrostatic KTL coating process.

Crane components after drying.

The four stage marine paint finish:
1. All steel components are grit blasted to standard SA 2.5
2. KTL process – min. 40 µm
3. Intermediate layer – min. 110 µm
4. Finish coat – min. 60 µm
Total dry film thickness min. 210 µm

PALFINGER MARINE service – for more reliability and customer satisfaction

Guarantee

- 1 year full guarantee on all cranes including labour and parts
- 2 years guarantee on all load-bearing parts

Highest quality is our priority. The use of high-quality materials, tests before the start of series production, the highest standard of quality assurance systems (ISO 9001) and final testing on the test bed make a PALFINGER marine crane your reliable partner!



Training

PALFINGER MARINE service is provided exclusively by qualified and expert staff who receive ongoing training in the latest standards, new technologies and regulations.



Spare parts

- Retrofit kits available for older models
- The exclusive use of PALFINGER MARINE quality replacement parts guarantees highest quality
- Rapid response through use of express service and through our 4500 contract partners worldwide who also offer an area-wide, local service network

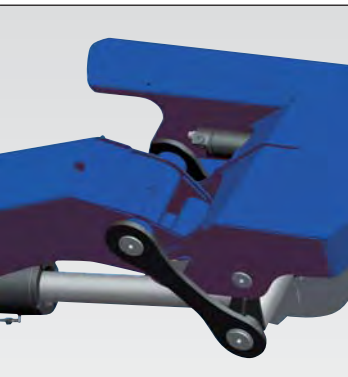


Special applications

PALFINGER MARINE can offer – based on more than 75 years crane experience – innovative and efficient options for a wide range of applications: service cranes using knuckle boom technology as well as conventional stiff boom and telescopic boom type cranes. For heavy duty offshore applications – e.g. AHTS vessels & trawlers we can also offer the heavy duty knuckle boom design of cranes.



PALFINGER MARINE – technology leader and trendsetter with optimum performance, convenience and safety



Power link system

The Power link system results a constant lifting moment and brings maximum power to the hook even in unfavourable boom angles.

Endless slewing system

PALFINGER marine cranes are available with an endless slewing mechanism starting from as low as 31.5 mt. The inclusion as standard of a slewing ring represents the highest state of the art. As a result, the precision of the slewing movement is optimised and the low friction permits a high slewing moment.



Return oil utilisation on PK-type cranes

Return oil utilisation incorporated as standard in the extension system permits a 30% increase in working speed.

Winch

Our cable winches are available in many different performance classes and meet all the requirements demanded during operation from an efficient cable winch: optimal performance, high working speeds, proven safety equipment and a compact design.



Local control stand

An optional protection cover gives maximum protection to the control valve against saltwater spray, ice damage and unauthorised operation. This may also save on time for installation of the control unit on board. Standing platform is fix installed on all endless slewing cranes.

Remote control

The PALFINGER MARINE remote control system with digital data transmission offers maximum safety and convenience. It is available either as a cable remoter or radio remote control system. Optionally we can supply the system in explosion-proof execution suitable up to Zone I.



Workman baskets

Cranes equipped with a workman basket and a remote control can be used for inspection work.

Power Packs

Hydraulic Power Packs are engineered to withstand harsh, hostile environments. Each unit is equipped with a fluid level indicator, thermometer and filler-breather filter. Features such as load sensing is standard from crane size 30 mt upwards. Standard three-phase electric motors ranging in size from 5.5 kW up to 2 x 110 kW are available in match customers specified voltage and frequency.



Atex certification

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

Class

Classification societies set up and further maintain rules covering the Maritime environment and industry. Marine cranes are regulated within the area of lifting appliances. Structural calculations are adapted to regulations and requirements of classification societies. The projects under class are realized with the surveyor/s of the corresponding classification society. Most represented are: DNV, GL, LR EMEA, ABS, BV, RMRS, RINA, CRS.



Today PALFINGER MARINE is a leading manufacturer offering a wide range of reliable marine cranes and working platforms for ship building/repair/maintenance and the offshore industry. The corporate philosophy is based on the continuous drive for product improvements and innovative systems.



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