



Operating Radius in Feet		P&H Crane #25235 Model 660TC											
Wgt. in lbs unless noted													
	40' boom	ton	50' boom	ton	60' boom	ton	70' boom	ton	80' boom	ton	90' boom	ton	
12'	120000	60.0		0.0		0.0		0.0		0.0		0.0	0.0
15'	102500	51.3	102200	51.1		0.0		0.0		0.0		0.0	0.0
20'	85000	42.5	84700	42.4	84400	42.2	84100	42.1		0.0		0.0	0.0
25'	66500	33.3	66200	33.1	65900	33.0	65600	32.8	65300	32.7	65000	32.5	
30'	50200	25.1	49900	25.0	49600	24.8	49300	24.7	49000	24.5	48700	24.4	
35'	40000	20.0	39700	19.9	39400	19.7	39100	19.6	38800	19.4	38500	19.3	
40'	33100	16.6	32800	16.4	32500	16.3	32200	16.1	31900	16.0	31600	15.8	
45'		0.0	27600	13.8	27300	13.7	27000	13.5	26700	13.4	26400	13.2	
50'		0.0	23750	11.9	23450	11.7	23150	11.6	22850	11.4	22550	11.3	
60'		0.0		0.0	18000	9.0	17700	8.9	17400	8.7	17100	8.6	
70'		0.0		0.0		0.0	14600	7.3	14300	7.2	14000	7.0	
80'		0.0		0.0		0.0		0.0	11800	5.9	11500	5.8	

From Center of pin to hole in back of crane is 10' 8"

From Center of pin to center of both outriggers is 9' 10" off the side

Example: 30' - 10' 8" = 19' 4" off the back to center of lift = 49600# with 60' of boom

Top & Bottom boom sections are 20' long each

Other parts are 2-20' boom sections & 1-30' boom section

P&H 60 TON TRUCK CRANE...
THE CHAMPION WEIGHT LIFTER with
EXTRA SAFETY, STABILITY and RELIABILITY

CRANE RATED LOADS in Pounds (Kg) WITH OUTRIGGERS (Overside and Over Roar)

Operating Radius in Ft. (m)	40' (12.19 m) Boom	50' (15.24 m) Boom	60' (18.29 m) Boom	70' (21.34 m) Boom	80' (24.38 m) Boom	90' (27.43 m) Boom	100' (30.48 m) Boom	110' (33.53 m) Boom	120' (36.58 m) Boom	130' (39.62 m) Boom	140' (42.67 m) Boom	150' (45.72 m) Boom
12 (3.66)	110,230 (50,000)	---	---	---	---	---	---	---	---	---	---	---
15 (4.57)	94,800 (43,000)	94,600 (42,900)	---	---	---	---	---	---	---	---	---	---
20 (6.09)	75,000 (34,022)	74,700 (33,880)	74,400 (33,750)	74,100 (33,610)	---	---	---	---	---	---	---	---
25 (7.62)	59,700 (27,080)	59,800 (27,120)	59,700 (27,080)	59,600 (27,030)	59,600 (27,030)	59,500 (26,990)	59,300 (26,900)	---	---	---	---	---
30 (9.14)	44,700 (20,280)	44,700 (20,280)	44,600 (20,230)	44,500 (20,180)	44,400 (20,140)	44,300 (20,090)	44,100 (20,000)	44,100 (20,000)	43,900 (19,910)	39,400 (17,870)	---	---
35 (10.67)	35,500 (16,100)	35,500 (16,060)	35,400 (16,060)	35,200 (15,970)	35,200 (15,970)	35,000 (15,880)	34,800 (15,790)	34,800 (15,790)	34,600 (15,690)	31,700 (14,380)	31,200 (14,150)	30,700 (13,930)
40 (12.19)	29,300 (13,290)	29,300 (13,290)	29,200 (13,240)	29,000 (13,150)	28,900 (13,110)	28,700 (13,020)	28,500 (12,930)	28,500 (12,930)	28,300 (12,840)	26,600 (12,070)	26,100 (11,840)	25,600 (11,610)
45 (13.71)	---	24,800 (11,250)	24,700 (11,200)	24,500 (11,110)	24,400 (11,070)	24,200 (10,980)	24,000 (10,890)	23,900 (10,840)	23,700 (10,750)	23,500 (10,660)	22,700 (10,300)	22,100 (10,020)
50 (15.24)	---	21,500 (9,750)	21,300 (9,660)	21,100 (9,570)	21,000 (9,530)	20,800 (9,430)	20,600 (9,340)	20,500 (9,300)	20,300 (9,210)	20,100 (9,120)	19,000 (8,680)	18,800 (8,590)
60 (18.29)	---	---	16,600 (7,530)	16,400 (7,440)	16,200 (7,350)	16,000 (7,260)	15,800 (7,170)	15,700 (7,120)	15,500 (7,030)	15,200 (6,890)	15,200 (6,890)	14,900 (6,760)
70 (21.34)	---	---	---	13,200 (5,990)	13,000 (5,900)	12,800 (5,810)	12,500 (5,670)	12,500 (5,670)	12,300 (5,580)	12,300 (5,580)	11,900 (5,400)	11,700 (5,310)
80 (24.38)	---	---	---	---	10,800 (4,900)	10,500 (4,760)	10,300 (4,670)	10,200 (4,620)	10,000 (4,530)	9,900 (4,490)	9,600 (4,350)	9,300 (4,220)
90 (27.43)	---	---	---	---	---	8,500 (3,860)	8,300 (3,770)	8,200 (3,720)	8,000 (3,630)	7,900 (3,580)	7,800 (3,540)	7,500 (3,450)
100 (30.48)	---	---	---	---	---	---	7,300 (3,310)	7,100 (3,220)	6,800 (3,080)	6,800 (2,990)	6,500 (2,950)	6,200 (2,810)
110 (33.53)	---	---	---	---	---	---	---	6,100 (2,770)	5,800 (2,630)	5,500 (2,490)	5,400 (2,450)	5,100 (2,310)
120 (36.58)	---	---	---	---	---	---	---	---	5,000 (2,270)	4,700 (2,130)	4,500 (2,040)	4,300 (1,950)

**CRANE RATED LOADS in Pounds (Kg)
WITHOUT OUTRIGGERS
(Over Side and Over Roar)**

Oper. Rad. in Ft. (m)	40' (12.19 m) Boom	50' (15.24 m) Boom	60' (18.29 m) Boom	70' (21.34 m) Boom	80' (24.38 m) Boom	90' (27.43 m) Boom	100' (30.48 m) Boom
5 (1.52)	32,430 (14,710)	32,100 (14,560)	32,100 (14,560)	---	---	---	---
20 (6.09)	24,520 (11,120)	24,160 (10,960)	23,830 (10,810)	23,500 (10,660)	23,170 (10,510)	---	---
25 (7.62)	19,640 (8,910)	19,310 (8,760)	18,980 (8,610)	18,650 (8,460)	18,300 (8,300)	17,970 (8,160)	---
30 (9.14)	16,250 (7,370)	15,900 (7,210)	15,560 (7,060)	15,230 (6,910)	14,900 (6,760)	14,550 (6,600)	14,220 (6,450)
35 (10.67)	13,690 (6,210)	13,360 (6,060)	13,030 (5,910)	12,690 (5,750)	12,350 (5,600)	12,020 (5,450)	11,680 (5,300)
40 (12.19)	---	11,050 (5,010)	10,730 (4,860)	10,390 (4,710)	10,050 (4,560)	9,700 (4,400)	9,370 (4,250)
45 (13.71)	---	10,050 (4,560)	9,700 (4,400)	9,370 (4,250)	9,040 (4,100)	8,690 (3,940)	8,360 (3,790)
50 (15.24)	---	---	8,180 (3,710)	7,830 (3,550)	7,500 (3,400)	7,160 (3,250)	6,810 (3,090)
60 (18.29)	---	---	---	---	5,360 (2,430)	5,030 (2,280)	4,670 (2,120)
70 (21.34)	---	---	---	---	---	3,730 (1,690)	3,400 (1,540)
80 (24.38)	---	---	---	---	---	2,650 (1,200)	2,310 (1,050)

Operating radius is horizontal distance from centerline of rotation to a vertical line through the gravity center of the load. Gross crane ratings shown are for units mounted on Hine ZP100T or Mitsubishi K501 Crane Carrier with dual front and rear axles, and do not exceed 85 percent of tipping loads. The crane ratings include weight of hook, block, slings and all other load handling accessories. Ratings with outriggers are based on outriggers extended to a fulcrum point 111' (2.82 m) from center of carrier. Ratings without outriggers depend upon proper inflation, capacity, and conditions of tires.

Gantry must be in raised position for all conditions.
Hoist pawing: Ten part line.

Center hitch required for boom lengths 150 ft. (45.72 m) and over; not more than one 10 ft. (3.05 m) insert permitted in booms longer than 100 ft. (30.48 m). When boom is equipped with jib, main hook ratings should be reduced by 1,500 lbs. (7,000 kg) for 20 ft. (6.1 m) or 30 ft. (9.14 m) jib, 2,000 lbs. (9,000 kg) for 40 ft. (12.19 m) jib and 2,500 lbs. (12,000 kg) for 50 ft. (15.24 m) jib.

Ratings on outriggers apply to lifts over sides and rear only. Ratings at 20 ft. (6.1 m) radius or less and ratings marked * are based on strength of materials.

Backstops recommended for all boom lengths. At radii and boom lengths where no ratings are shown on plate, operation is not intended or approved. Ratings are based upon freely suspended loads and machine standing on firm, level uniformly supporting surface. Safe loads depend upon ground conditions, boom length, radius of operation, and proper handling, all of which must be taken into account by the user. Ratings are contingent upon machine being equipped with proper boom.

MAXIMUM JIB RATINGS in Pounds (Kg)

Offset Angle Jib to Boom under Full Load	20' (6.10 m) Jib	30' (9.14 m) Jib	40' (12.19 m) Jib	50' (15.24 m) Jib
10°	14,000 (6,350)	11,000 (4,990)	9,000 (4,080)	7,000 (3,175)
20°	13,000 (5,895)	10,000 (4,540)	8,000 (3,630)	6,000 (2,720)
30° Max.	12,000 (5,445)	9,000 (4,080)	7,000 (3,175)	5,000 (2,270)

Jib crane ratings at any radius from center of rotation is the same as crane rating shown in table for main boom when operated at that radius but not to exceed maximum jib ratings shown. For bucket ratings on jib deduct 20% from jib ratings. Maximum jib operating radius not to exceed length of main boom or which it is being used. Use of outriggers recommended when boom is equipped with jib.