

MODEL 6 SPECIFICATIONS

25 Ton (22.680 Metric Ton) Crane/Excavator
PCSA Class 12-97

LIFTING CAPACITIES Crane Capacities Based on 75% Of Tipping Load

Boom Length In Feet In Metres	Radius		Crane		Clamshell or Magnet		Dragline	
	Feet	Metres	lbs	kg	lbs	kg	lbs	kg
45 13.72	12	3.66	50,000	22 680				
	15	4.57	36,000	16 329				
	20	6.10	24,100	10 932				
	25	7.62	18,100	8 210	13,000	5 897		
	30	9.14	14,200	6 441	13,000	5 897		
	35	10.67	11,600	5 262	11,600	5 262	11,000	4 990
	40	12.19	9,800	4 445	9,800	4 445	9,800	4 445
	45	13.72	8,400	3 810	8,400	3 810	8,400	3 810
50 15.24	15	4.57	35,875	16 273				
	20	6.10	23,975	10 875				
	25	7.62	17,975	8 153				
	30	9.14	14,075	6 384	13,000	5 897		
	35	10.67	11,475	5 205	11,475	5 205		
	40	12.19	9,675	4 389	9,675	4 389	9,675	4 389
	45	13.72	8,275	3 753	8,275	3 753	8,275	3 753
60 18.29	15	4.57	35,625	16 159				
	20	6.10	23,725	10 761				
	25	7.62	17,725	8 040				
	30	9.14	13,825	6 271				
	35	10.67	11,225	5 092	11,225	5 092	<i>Maximum Boom Allowed</i>	
	40	12.19	9,425	4 275	9,425	4 275		
	45	13.72	8,025	3 640	8,025	3 640	8,025	3 640
	50	15.24	6,975	3 164	6,975	3 164	6,975	3 164
70 21.34	55	16.76	6,100	2 767	6,100	2 767	6,100	2 767
	60	18.29	5,375	2 438	5,375	2 438	5,375	2 438
	20	6.10	23,475	10 648	<i>Gantry Must Be Used With All Booms Over 60' (18.29m) Length (354284)</i>			
	25	7.62	17,475	7 927				
	30	9.14	13,575	6 158				
	35	10.67	10,975	4 978				
	40	12.19	9,175	4 162				
	45	13.72	7,775	3 527				
50	15.24	6,725	3 050					
55	16.76	5,850	2 654					
80 24.38	60	18.29	5,125	2 325				
	25	7.62	17,225	7 813				
	30	9.14	13,325	6 044				
	35	10.67	10,725	4 865				
	40	12.19	8,925	4 048				
	45	13.72	7,525	3 413				
	50	15.24	6,475	2 937				
90 27.43 <i>Maximum Boom Allowed</i>	55	16.76	5,600	2 540				
	60	18.29	4,875	2 211				
	70	21.34	3,775	1 712				
	25	7.62	16,975	7 700				
	30	9.14	13,075	5 931				
	35	10.67	10,475	4 751				
	40	12.19	8,675	3 935				
	45	13.72	7,275	3 300				
50	15.24	6,225	2 824					
55	16.76	5,350	2 427					
60	18.29	4,625	2 098					
70	21.34	3,525	1 599					
80	24.38	2,700	1 225					

JIB CAPACITIES

Jib Length	30° Capacity	Horizontal Capacity	Reduction in Crane Capacity
15' 4.57m	10,000# 4 536kg	8,000# 3 629kg	1,200# 544kg
20' 6.10m	9,000# 4 082kg	7,000# 3 175kg	1,400# 635kg
25' 7.62m	8,000# 3 629kg	6,000# 2 722kg	1,550# 703kg
30' 9.14m	7,000# 3 175kg	5,000# 2 268kg	1,700# 771kg
Maximum Boom and Jib Combination			
Boom 90' (27.43m)		Jib (9.14m)	
(231709)			

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