

MODEL 6 SPECIFICATIONS

30 Ton (27.216 Metric Ton) Crane/Excavator
PCSA Class 12-114

LIFTING CAPACITIES CRANE CAPACITIES BASED ON 75% OF TIPPING LOAD

Boom Length In Feet In Metres	Radius		Crane		Clamshell or Magnet		Dragline		Boom Length In Feet In Metres	Radius		Crane	
	Feet	Metres	lbs	kg	lbs	kg	lbs	kg		Feet	Metres	lbs	kg
45 13.72	12	3.66	60,000	27 216					70 21.34	20	6.10	28,100	12 746
	15	4.57	42,700	19 368				25		7.62	20,700	9 389	
	20	6.10	28,600	12 973				30		9.14	16,200	7 348	
	25	7.62	21,200	9 616	13,000	5 897		35		10.67	13,200	5 987	
	30	9.14	16,700	7 575	13,000	5 897		40		12.19	11,000	4 990	
	35	10.67	13,700	6 214	12,300	5 579	11,500	5 216		45	13.72	9,300	4 218
	40	12.19	11,500	5 216	10,350	4 695	11,500	5 216		50	15.24	8,040	3 647
45	13.72	9,800	4 445	8,820	4 001	9,800	4 445	55	16.76	7,000	3 175		
								60	18.29	6,150	2 790		
50 15.24	15	4.57	42,600	19 323					80 24.38	25	7.62	20,500	9 299
	20	6.10	28,500	12 927				30		9.14	16,000	7 257	
	25	7.62	21,100	9 571				35		10.67	13,000	5 897	
	30	9.14	16,600	7 530	13,000	5 897		40		12.19	10,800	4 899	
	35	10.67	13,600	6 169	12,240	5 552		45		13.72	9,100	4 128	
	40	12.19	11,400	5 171	10,260	4 654	11,400	5 171		50	15.24	7,840	3 556
	45	13.72	9,700	4 400	8,780	3 983	9,700	4 400		55	16.76	6,800	3 084
50	15.24	8,440	3 828	7,600	3 447	8,440	3 828	60	18.29	5,950	2 699		
								70	21.34	4,620	2 096		
60 18.29	15	4.57	42,400	19 232					90 27.43 Maximum Boom Allowed	25	7.62	20,300	9 208
	20	6.10	28,300	12 837				30		9.14	15,800	7 167	
	25	7.62	20,900	9 480	Maximum Boom Allowed					35	10.67	12,800	5 806
	30	9.14	16,400	7 439	12,060	5 470				40	12.19	10,600	4 808
	35	10.67	13,400	6 078	10,080	4 572				45	13.72	8,900	4 037
	40	12.19	11,200	5 080	10,080	4 572				50	15.24	7,640	3 465
	45	13.72	9,500	4 309	8,550	3 878	9,500	4 309		55	16.76	6,600	2 994
	50	15.24	8,240	3 738	7,415	3 363	8,240	3 738		60	18.29	5,750	2 608
	55	16.76	7,200	3 266	6,480	2 939	7,200	3 266		70	21.34	4,420	2 005
	60	18.29	6,350	2 880	5,715	2 592	6,350	2 880		80	24.38	3,450	1 565

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MODEL 6 JOBBMASTER 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	57,000	25 855				
	15	4.57	40,800	18 507				
	20	6.10	27,300	12 383				
	25	7.62	20,300	9 208	13,000	5 897		
	30	9.14	16,050	7 280	13,000	5 897		
	35	10.67	13,180	5 978	11,860	5 380	11,500	5 216
	40	12.19	11,120	5 044	10,000	4 536	11,000	4 990
45	13.72	9,560	4 336	8,600	3 901	9,560	4 336	
50 15.24	15	4.57	40,685	18 454				
	20	6.10	27,185	12 331				
	25	7.62	20,185	9 156				
	30	9.14	15,935	7 228	13,000	5 897		
	35	10.67	13,065	5 926	11,760	5 334		
	40	12.19	11,005	4 992	9,905	4 493	11,000	4 990
	45	13.72	9,445	4 284	8,500	3 856	9,445	4 284
50	15.24	8,220	3 729	7,400	3 357	8,220	3 729	
60 18.29 Max. Boom Allowed	15	4.57	40,455	18 350				
	20	6.10	26,955	12 227				
	25	7.62	19,955	9 051				
	30	9.14	15,705	7 124				
	35	10.67	12,835	5 822	11,550	5 239		
	40	12.19	10,775	4 887	9,690	4 395		
	45	13.72	9,215	4 180	8,300	3 765	9,215	4 180
50	15.24	7,990	3 624	7,200	3 266	7,990	3 624	
55	16.76	7,020	3 184	6,320	2 867	7,020	3 184	
60	18.29	6,220	2 821	5,600	2 540	6,220	2 821	

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