

MODEL 6 SPECIFICATIONS

40 Ton (36,28 Tonnes) Crane/Excavator • PCSA Class 12-147

LIFTING CAPACITIES CRANE CAPACITIES BASED ON 75% OF TIPPING LOAD

Boom Length In Feet In Meters)	Radius		Crane		Magnet Master		Clamshell		Dragline	
	Feet	Meters	Pounds	(ilograms	Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms
45 (13,72)		3,66	80,000	36 288						
		4,57	56,100	25 446						
		6,10	36,800	16 692						
		7,62	27,200	12 337	13,600	6 168	13,000	5 896		
	12 15	9,14	21,400	9 707	13,600	6 168	13,000	5 896		
	20 25	10,67	17,600	7 983	13,600	6 168	13,000	5 896	12,000	5 443
	30 35	12,19	14,800	6 713	13,300 1	6 032	13,000	5 896	12,000	5 443
40 45	13,72	12,700	5 760	1,430	5 184	11,430	5 184	12,000	5 443	
50 (15,24)		4,57	55,985	25 394						
		6,10	36,685	16 640						
		7,62	27,085	12 285						
		9,14	21,285	9 654	13,600	6 168	13,000	5 896		
	15 20	10,67	17,485	7 931	13,600	6 168	13,000	5 896		
	25 30	12,19	14,685	6 661	13,210	5 992	13,000	5 896	12,000	5 443
	35 40	13,72	12,585 1 1	5 708	11,325	5 137	11,325	5 137	12,000	5 443
45 50	15,24	.000	4 989	9,900	4 490	9,900	4 490	11,000	4 989	
60 (18,29)		4,57	55,755	25 290						
		6,10	36,455	16 535						
		7,62	26,855 21	12 181						
		9,14	.055	9 550						
		10,67	17,255	7 826	13,600			5 896		
	15 20	12,19	14,455	6 556	13,000			5 896		
	25 30	13,72	12,355	5 604	11,120	Maximum Be	om Allowed	5 044	12,000	5 443
	35 40	15,24	10,770	4 885	9,690	6 168 5 896	13,000 13,000	4 395	10,770	4 885
	45 50	16,76	9,470	4 295	8,520	5 044 4 395	11,120 9,690	3 864	9,470	4 295
	55 60	18,29	8,420	3 819	7,580	3 864 3 438	8,520 7,580	3 438	8,420	3 819
HOIST LINE REEVING										
70 (21,34)	20	6,10	36,225	16 431						
	25 30	7,62	26,625	12 077						
	35 40	9,14	20,825	9 446						
	45 50	10,67	17,025	7 722						
	55 60	12,19	14,225	6 452						
		13,72	12,125	5 499						
		15,24	10,540	4 780						
	16,76	9,240	4 191							
	18,29	8,190	3 714							
80 (24,38)		6,10	35,995	16 327						
		7,62	26,395	11 972						
		9,14	20,595	9 341						
	20 25	10,67	16,795	7 618						
	30 35	12,19	13,995	6 348						
	40 45	13,72	11,895	5 395						
	50 55	15,24	10,310	4 676						
60 70	16,76	9,010	4 086							
	18,29	7,960	3 610							
	21,34	6,335	2 873							
90 (27,43)	20	6,10	35,765	16 223						
	25 30	7,62	26,165	11 868						
	35 40	9,14	20,365	9 237						
	45 50	10,67	16,565	7 513						
	55 60	12,19	13,765	6 243						
	70 80	13,72	11,665	5 291						
		15,24	10,080	4 572						
		16,76	8,780	3 982						
		18,29	7,730	3 506						
		21,34	6,105	2 769						
	24,38	4,890	2 218							
100 (30,48) Maximum Boom Allowed		6,10	35,535	16 118						
		7,62	25,935	11 764						
		9,14	20,135	9 133						
	20 25	10,67	16,335	7 409						
	30 35	12,19	13,535 1 1	6 139						
	40 45	13,72	11,335 1 1	5 186						
	50 55	15,24	9,550 8,850	4 467						
	60 70	16,76	7,500	3 878						
	80	18,29	5,875	3 402						
	90	21,34	4,660	2 664						
		24,38	3,770	2 113						
		27,43		1 710						

For Loads Over		
Pounds	Kilograms	Use Parts Of Line
15,000 30,000	6 804	2 3
45,000 60,000	13 608	4 5
75,000 Max.	20 412	6 6
80,000	27 216	
	34 020	
	36 288	

SPECIAL JOBM MIXSTER CAPACITIES - PCSA RATING 30 TON CLASS 12-147

Boom Length In Feet (In Meters)	Radius		Crane		Clamshell or Magnet		Dragline	
	Feet	Meters	Pounds	Kilograms	Pounds	Kilograms	Pounds	Kilograms
45 (13,72)		3,66	(A)60,000					
		4,57	(A)50,500					
		6,10	36,800	(A)27 216				
		7,62	27,200	(A)22 906	13,000	5 896		
	12 15	9,14	21,400	16 692	13,000	5 896		
	20 25	10,67	17,600	12 337	13,000	5 896	12,000	5 443
	30 35	12,19	14,800	9 707 7 983	13,000	5 896	12,000	5 443
40 45	13,72	12,700	6 713 5 760	11,430	5 184	12,000	5 443	
50 (15,24)		4,57	(A)50,385					
		6,10	36 685					
		7,62	27 085	(A)22 854				
		9,14	21 285	16 640	13,000	5 896		
	15 20	10,67	17 485	12 285	13,000	5 896		
	25 30	12,19	14 685	9 654 7 931	13,000	5 896	12,000	5 443
	35 40	13,72	12 585	6 661 5 708	11,325	5 137	12,000	5 443
45 50	15,24	11 000	4 989	9,900	4 490	11,000	4 989	
60 (18,29) Max. Boom Allowed		4,57						
		6,10	(A)50,270					
		7,62	36 455					
		9,14	26 855	(A)22 802				
		10,67	21 055	16 535	13,000	5 896		
	15 20	12,19	17 255	12 181	13,000	5 896		
	25 30	13,72	14 455	9 550 7 826	11,120	5 044	12,000	5 443
	35 40	15,24	12 355	6 556 5 604	9,690	4 395	10,770	4 885
	45 50	16,76	10 770	4 885 4 295	8,520	3 864	9,470	4 295
	55 60	18,29	9 470 8 420	3 819	7,580	3 438	8,420	3 819

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(A) Based on Factors other than tipping

[354288]

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