

**40MTC LIFTING CAPACITY SPECIFICATIONS**

40 MTC RATED LIFTING CAPACITIES WITH OUTRIGGERS FULLY EXTENDED AND LOWERED AND FRONT STABILIZER LOWERED																									
LOAD RADIUS FEET (FT)	BOOM LENGTH-30.5 FT			BOOM LENGTH-40 FT			BOOM LENGTH-50 FT			BOOM LENGTH-60 FT			BOOM LENGTH-70 FT			BOOM LENGTH-80 FT			BOOM LENGTH-90 FT			BOOM LENGTH-96 FT			LOAD RADIUS FEET (FT)
	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)				
9	62	80000	80000																				10		
10	60	75000	75000	68	52000	52000	74	50000	50000														12		
12	56	64000	64000	65	51000	51000	71	49000	49000														15		
15	49	53000	53000	60	49000	49000	68	46000	46000	72	42000	42000											20		
20	34	38000	38000	51	38000	38000	61	38000	38000	67	36000	36000	71	31000	31000								25		
25				41	28500	28500	53	28500	28500	61	28000	28000	67	26000	26000	70	23000	23000	73	20000	20000	74	17400	17400	30
30				28	20800	20500	46	21000	20700	55	21200	20800	62	21000	20600	66	20000	20000	69	18000	18000	71	15500	15500	35
35							37	16300	15600	49	16400	15500	57	16500	15500	62	16600	15300	66	16500	14900	68	14000	14000	40
40							25	13000	12200	42	13100	12200	51	13200	12200	58	13300	12100	62	13000	11800	64	12000	11500	45
45										35	10800	9800	46	10800	9900	53	10900	9800	58	11000	9700	62	11000	9600	50
50										24	9000	8000	40	9100	8100	49	9100	8100	54	9200	8000	58	9300	8000	55
55													32	7600	6700	43	7700	6800	50	7700	6700	54	7800	6600	60
60													23	6500	5700	37	6500	5700	46	6600	5700	50	6700	5600	65
65																30	5700	4900	41	5700	4900	45	5800	4800	70
70																21	4900	4100	35	4800	4100	40	4900	4200	75
75																		28	4300	3500	35	4400	3600	80	
80																		20	3600	3000	29	3700	3000	85	
85																				21	3200	2600	85		
90																				9	2700	2100	90		

40 MTC RATED LIFTING CAPACITIES WITH OUTRIGGERS PINNED AT MID EXTENSION POSITION AND LOWERED AND FRONT STABILIZER LOWERED

	BOOM LENGTH-30.5 FT			BOOM LENGTH-40 FT			BOOM LENGTH-50 FT			BOOM LENGTH-60 FT			BOOM LENGTH-70 FT			BOOM LENGTH-80 FT			BOOM LENGTH-90 FT			BOOM LENGTH-96 FT			
LOAD RADIUS FEET (FT)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOAD RADIUS FEET (FT)		
9	62	69000																							
10	60	63000	68	52000	73	50000																		10	
12	56	53000	65	51000	70	49000																		12	
15	49	34400	60	35000	67	35500	71	35700																15	
20	34	18600	51	19000	60	19400	66	19600	69	19800														20	
25			41	12500	53	12900	60	13100	65	13300	69	13400	73	13400	74	13400								25	
30			28	8700	46	9100	54	9200	60	9400	65	9500	69	9500	70	9500								30	
35					37	6600	48	6700	55	6900	61	7000	66	7000	67	7000								35	
40					25	4900	41	5000	50	5200	57	5300	62	5300	63	5300								40	
45							34	3800	45	4000	53	4100	58	4100	61	4100								45	
50								24	2900	39	3100	48	3200	54	3200	57	3200							50	
55										31	2300	43	2400	50	2400	53	2400							55	
60										22	1700	37	1800	46	1800	49	1800							60	

40 MTC RATED LIFTING CAPACITIES WITH OUTRIGGERS FULLY RETRACTED AND LOWERED

	BOOM LENGTH-30.5 FT			BOOM LENGTH-40 FT			BOOM LENGTH-50 FT			BOOM LENGTH-60 FT			BOOM LENGTH-70 FT			BOOM LENGTH-80 FT			BOOM LENGTH-90 FT			BOOM LENGTH-96 FT			
LOAD RADIUS FEET (FT)	LOADED BOOM ANGLE (DEG)	360° (LB)		LOADED BOOM ANGLE (DEG)	360° (LB)		LOADED BOOM ANGLE (DEG)	360° (LB)		LOADED BOOM ANGLE (DEG)	360° (LB)		LOADED BOOM ANGLE (DEG)	360° (LB)		LOADED BOOM ANGLE (DEG)	360° (LB)		LOADED BOOM ANGLE (DEG)	360° (LB)		LOADED BOOM ANGLE (DEG)	360° (LB)	LOAD RADIUS FEET (FT)	
9	62	23300																						9	
10	60	18900		68	18500		73	18500																10	
12	56	13900		65	13500		70	13500																12	
15	49	9400		60	9300		67	9300		71	9300													15	
20	34	5000		51	5400		60	5700		66	5900		69	6000										20	
25				41	3000		53	3300		60	3500		65	3600		68	3700		71	3800		72	3900	25	
30				28	1500		46	1800		54	2000		60	2100		64	2200		67	2300		69	2300	30	
35							37	800		48	900		55	1100		60	1200		64	1200		66	1300	35	

40 MTC RATED LIFTING CAPACITIES ON TIRES

0 TO 2 1/2 MPH MAX. TRAVEL SPEED		
LOAD RADIUS FEET (FT)	MAX. BOOM LENGTH (FT)	BOOM STRAIGHT OVER REAR (LB)
10	30.5	12,000
12	30.5	11,000
15	40	9,500
20	40	7,500
25	50	5,000
30	50	3,500
35	50	2,500
40	50	1,600

RATED LIFTING CAPACITY ABOVE THE BOLD LINE IS BASED ON STRUCTURAL STRENGTH AND NOT MACHINE STABILITY.
OVERLOADING THIS CRANE MAY CAUSE STRUCTURAL COLLAPSE OR UPSET.