

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

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)	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)		
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

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)	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)	
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

TIRES MUST BE INFLATED TO 120 PSI FOR PICKING ON TIRES

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.