

QMC 4055R

REAR MOUNT

Load Chart

Red lines indicate transition from structural to tipping limits. Loads above the line are based on structural limits. Loads below the line are based on 85% actual tipping condition per ASME B30.5.

24 FOOT BOOM				
WORKING RADIUS	BOOM ANGLE	RATED LOAD		
		REAR	SIDE	FRONT
6	77	45,400	45,400	45,400
8	72	45,400	45,400	45,400
10	67	40,200	40,200	40,200
12	61	35,400	35,400	35,400
15	52	30,200	30,200	30,200
18	42	24,900	24,900	24,900
20	33	22,100	22,100	22,100
23	0	17,800	17,800	17,800

39 FOOT BOOM				
WORKING RADIUS	BOOM ANGLE	RATED LOAD		
		REAR	SIDE	FRONT
10	78	36,000	36,000	36,000
12	75	31,200	31,200	31,200
15	70	26,100	26,100	26,100
18	65	22,700	22,700	22,700
20	61	20,900	20,900	20,900
25	52	17,300	17,300	17,300
30	42	12,900	12,600	13,900
35	27	9,900	9,600	11,500
38.5	0	8,300	8,100	9,800

55 FOOT BOOM				
WORKING RADIUS	BOOM ANGLE	RATED LOAD		
		REAR	SIDE	FRONT
15	78	22,300	22,300	22,300
18	74	19,800	19,800	19,800
20	72	18,200	18,200	18,200
25	66	14,700	14,700	14,700
30	60	12,400	12,400	12,400
35	53	10,000	9,800	10,700
40	45	8,000	7,800	9,400
45	37	6,500	6,400	8,100
50	25	5,400	5,300	7,000
54	0	4,700	4,600	5,900

Working radius is in feet. Loads are in pounds and boom angles are in degrees. Capacity limits will apply based on the load block selected.

WIRE ROPE CAPACITY								
Parts Line	1	2	3	4	5	6	7	8
Load Limit	9,080	18,160	27,240	36,320	45,400	0	0	0

Do not exceed parts of line ratings.

1. Load does not include blocks, slings, and all other equipment used to handle objects being lifted.
2. Load ratings are for zero degree list.
3. Loads must be freely suspended.
4. Rope: Rotation resistant, compacted strand, 9080 lb. capacity.
5. This chart is only a guide and should not be used to operate the crane. Individual crane's load chart, operating instructions, and other instructional plates must be read and understood prior to operating crane.