

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.

30 FOOT BOOM				
WORKING RADIUS	BOOM ANGLE	RATED LOAD		
		REAR	SIDE	FRONT
6	81	45,400	45,400	45,400
8	77	42,500	42,500	42,500
10	72	35,800	35,800	35,800
12	68	31,000	31,000	31,000
15	62	26,100	26,100	26,100
18	55	22,000	22,600	22,600
20	49	19,300	20,800	20,800
25	34	14,500	16,100	16,100
29	0	11,600	11,600	11,600

50 FOOT BOOM				
WORKING RADIUS	BOOM ANGLE	RATED LOAD		
		REAR	SIDE	FRONT
12	79	27,300	27,300	27,300
15	75	22,400	22,400	22,400
18	71	19,100	19,100	19,100
20	69	17,400	17,400	17,400
25	62	14,300	14,300	14,300
30	55	11,300	11,400	12,100
35	47	8,800	8,500	10,200
40	38	6,700	6,500	7,600
45	26	5,200	5,000	5,500
49	0	4,300	4,100	4,200

70 FOOT BOOM				
WORKING RADIUS	BOOM ANGLE	RATED LOAD		
		REAR	SIDE	FRONT
18	79	17,400	17,400	17,400
20	77	15,700	15,700	15,700
25	72	12,600	12,600	12,600
30	68	10,500	10,500	10,500
35	63	8,700	8,400	9,000
40	58	6,600	6,400	7,600
45	52	5,200	5,000	5,400
50	47	4,100	3,900	4,000
55	40	3,200	3,100	2,900
60	32	2,500	2,400	2,100
65	22	2,000	1,800	1,500
69	0	1,500	1,400	1,000

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.