

# LOAD CHARTS AND SPECIFICATIONS

## MAXIMUM RATED LOAD IN LBS. WITH OUTRIGGERS FULLY EXTENDED

LOADED OPERATING RADIUS	LOADED BOOM ANGLE	RETRACTED BOOM LENGTH	LOADED BOOM ANGLE	BOOM LENGTH	LOADED BOOM ANGLE	BOOM LENGTH	LOADED BOOM ANGLE	BOOM LENGTH	LOADED BOOM ANGLE	BOOM LENGTH	LOADED BOOM ANGLE	BOOM LENGTH	LOADED OPERATING RADIUS
FEET	°	30.6'	°	45'	°	60'	°	75'	°	90'	°	100'	FEET
10	63	80,000	72	51,000									10
12	58	70,000	69	51,000									12
15	51	56,000	65	51,000	72	40,000							15
20	37	42,000	58	42,500	67	38,000	71	27,500					20
25	17	30,000	50	35,100	61	30,500	67	24,500	71	24,300	73	18,000	25
30			41	29,300	56	27,100	63	21,500	68	21,300	70	17,500	30
35			30	24,500	50	24,200	59	19,100	65	19,100	67	15,900	35
40			11	20,700	43	21,200	54	17,000	61	17,000	64	14,100	40
45					35	17,500	43	15,250	57	15,250	61	12,500	45
50					26	14,500	44	13,800	53	13,800	57	11,300	50
55					13	12,300	38	12,400	49	12,600	54	10,300	55
60							31	10,500	45	10,700	50	9,400	60
65							23	9,000	40	9,200	46	8,400	65
70									35	8,000	42	7,900	70
75									29	6,900	38	6,900	75
80									21	6,000	33	6,000	80
85											27	5,200	85
90											20	4,600	90
95													95
		975lbs		675lbs		500lbs		425lbs		375lbs		325lbs	

RATINGS ABOVE THE HEAVY LINE ARE BASED ON STRUCTURAL COMPETENCE AND NOT ON MACHINE STABILITY.

### NOTE:

1. Deductions must be made from rated loads for lifting accessories: fixed jibs, telescopic jibs, overhaul balls, load hooks, snatch blocks and load blocks
2. Lift line ratings are based on 5/8" 18 x 19 rotation resistant wire rope with a minimum breaking strength of 45400 lbs (sf>5).
3. Sheaves numbered from left to right when viewed facing the crane

