

load charts

 37 - 142 ft
 Fixed lengths
 31,500 lbs
 100%
 24'-0"
 360

Feet	36.8	49.9	63.0	76.1	89.3	102.4	115.5	128.6	141.8
8	*180,000								
10	155,000	136,000	129,000	123,000	81,000				
15	116,000	112,000	105,000	99,000	81,000	59,000			
20	88,700	90,350	89,000	84,000	81,000	57,000	42,400	34,000	
25	69,950	72,200	72,400	71,150	71,000	51,000	42,400	34,000	26,600
30		56,350	57,000	58,150	56,950	46,000	39,600	33,800	26,600
35		46,600	47,550	47,400	46,200	41,600	35,800	32,000	26,600
40			39,750	39,600	38,450	38,200	32,200	29,400	26,600
45				33,550	32,600	33,600	29,400	27,000	24,800
50				28,300	29,400	28,600	26,600	24,800	22,800
55					24,250	24,600	24,800	22,800	21,200
60					22,000	22,150	21,750	20,300	19,800
65					19,550	19,400	19,100	18,800	18,200
70						17,300	17,600	16,750	16,200
75						15,400	15,750	14,900	14,350
80							14,100	13,750	13,350
85							12,700	12,350	11,950
90							11,500	11,150	10,850
95								10,100	9,770
100								9,140	8,810
105									7,950
110									7,180
115									6,480
120									5,340
125									4,760
130									4,230

* Requires special equipment

 37 - 142 ft
 Telescoping
 31,500 lbs
 100%
 24'-0"
 360

Feet	36.8 - 49.9	49.9 - 63.0	63.0 - 76.1	76.1 - 89.3	89.3 - 102.4	102.4 - 115.5	115.5 - 128.6	128.6 - 141.8
10	74,000	68,000	63,000	62,000				
15	72,000	65,000	60,000	57,000	54,000			
20	70,000	63,000	57,000	52,000	50,000	37,400	28,600	
25	67,000	59,000	55,000	50,000	46,000	37,400	28,600	22,400
30	55,000	55,000	53,000	48,000	41,600	34,000	28,600	20,800
35	45,000	46,000	47,400	46,000	37,800	31,000	27,400	18,800
40		38,850	39,600	38,450	34,600	28,200	25,400	16,800
45		33,200	33,500	32,600	31,800	26,000	23,200	15,200
50		28,300	28,300	27,750	28,600	24,000	21,200	14,000
55			24,250	23,750	24,600	22,600	19,800	12,800
60			21,050	22,150	21,450	20,800	18,400	11,800
65			18,600	19,550	18,800	19,100	17,000	10,800
70				17,300	16,650	16,900	16,000	10,200
75				15,400	15,550	15,050	14,900	9,600
80					13,950	13,450	13,350	9,000
85					12,700	12,100	11,950	8,400
90					11,500	10,900	10,850	8,000
95						9,850	9,770	7,600
100						8,890	8,810	7,200
105							7,950	6,800
110							7,180	6,400
115							6,480	5,980
120								5,340
125								4,760
130								4,230

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

GROVE

TMS900E