

LIFTING CAPACITIES - 3900T

TRUCKCRANE

BOOM NO. 9 - LIFT CRANE

RATING OVER SIDE OR REAR ON EXTENDED OUTRIGGERS

CAPACITIES IN THOUSANDS OF LBS.																		
RAD. FT.	Boom Length - Ft.																RAD. FT.	
	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210		220
12	280.0																	12
13	250.0																	13
14	240.0																	14
15	222.9	222.0																15
16	211.4	210.5	209.9															16
17	200.9	200.0	199.5															17
18	191.4	190.6	190.0	187.9														18
19	181.6	181.0	179.5	175.8	172.6													19
20	169.9	169.3	168.8	165.2	162.1													20
22	150.4	149.8	149.4	147.6	144.7	141.5	139.1											22
24	134.8	134.2	133.8	133.2	130.7	127.8	125.5	123.1										24
26	122.0	121.4	121.0	120.4	119.2	116.5	114.3	112.1	110.6									26
28	111.4	110.8	110.4	109.8	109.5	107.0	104.9	102.9	101.4	99.4	98.5							28
30	102.3	101.8	101.3	100.7	100.5	99.0	97.0	95.0	93.6	91.7	90.8	88.9						30
32	94.6	94.0	93.6	93.0	92.7	92.1	90.2	88.3	86.9	85.1	84.1	82.6	77.0					32
34	87.9	87.3	86.9	86.3	86.0	85.6	84.2	82.5	81.1	79.3	78.3	76.9	75.4	71.1	63.2			34
36	82.0	81.5	81.0	80.4	80.2	79.7	79.0	77.3	76.0	74.3	73.3	71.9	70.5	68.9	61.2	55.9		36
38	76.9	76.3	75.9	75.3	75.0	74.5	73.9	72.8	71.4	69.8	68.8	67.5	66.1	64.9	60.0	54.3	46.9	38
40	72.3	71.7	71.3	70.6	70.4	69.9	69.3	68.7	67.4	65.8	64.9	63.5	62.2	61.0	58.3	53.2	46.1	40
45	62.7	62.1	61.7	61.1	60.8	60.4	59.8	59.4	59.0	57.5	56.6	55.3	54.1	53.0	52.3	49.2	42.6	45
50	53.8	54.5	54.2	53.6	53.4	52.9	52.3	52.0	51.5	50.9	50.1	48.9	47.7	46.7	45.9	44.9	39.7	50
55	44.7	47.9	47.6	47.1	46.9	46.6	46.2	45.9	45.5	44.9	44.5	43.7	42.5	41.6	40.8	39.8	36.7	55
60	35.2	42.4	42.3	41.8	41.6	41.3	40.9	40.6	40.2	39.8	39.5	39.1	38.3	37.3	36.6	35.6	34.2	60
65		35.8	37.9	37.5	37.3	36.9	36.5	36.2	35.9	35.4	35.1	34.8	34.3	33.8	33.0	32.0	31.5	65
70		28.7	34.3	33.9	33.6	33.3	32.9	32.6	32.2	31.8	31.5	31.1	30.7	30.3	30.0	29.0	28.5	70
75			29.4	30.8	30.6	30.2	29.8	29.5	29.1	28.7	28.4	28.0	27.6	27.2	26.9	26.4	25.9	75
80			23.8	28.1	27.9	27.6	27.1	26.8	26.5	26.0	25.7	25.3	24.9	24.6	24.2	23.8	23.4	80
85				24.3	25.6	25.3	24.8	24.5	24.2	23.7	23.4	23.0	22.6	22.3	21.9	21.4	21.1	85
90				19.7	23.6	23.3	22.8	22.5	22.1	21.7	21.4	21.0	20.6	20.2	19.8	19.4	19.1	90
95					20.4	21.5	21.0	20.7	20.4	19.9	19.6	19.2	18.8	18.4	18.0	17.6	17.3	95
100					16.6	19.9	19.4	19.1	18.8	18.3	18.0	17.6	17.2	16.8	16.4	16.0	15.7	100
105						17.1	18.0	17.7	17.3	16.9	16.6	16.2	15.7	15.4	15.0	14.6	14.2	105
110							16.5	16.4	16.1	15.6	15.3	14.9	14.5	14.1	13.7	13.3	12.9	110
115							14.2	15.3	14.9	14.5	14.1	13.7	13.3	13.0	12.6	12.1	11.7	115
120								13.9	13.9	13.4	13.1	12.7	12.2	11.9	11.5	11.0	10.6	120
125								11.9	12.9	12.4	12.1	11.7	11.3	10.9	10.5	10.0	9.6	125
130									11.5	11.6	11.2	10.8	10.4	10.0	9.6	9.1	8.7	130
135									9.7	10.7	10.4	10.0	9.6	9.2	8.8	8.2	7.8	135
140										9.3	9.7	9.3	8.8	8.5	8.0	7.4	7.0	140
145										7.7	8.8	8.6	8.1	7.7	7.2	6.7	6.3	145
150											7.5	7.9	7.5	7.0	6.6	6.0	5.6	150
160												5.8	6.1	5.8	5.3	4.8	4.3	160
170													4.1	4.6	4.2	3.7	2.8	170
180															2.8	3.1	2.6	180

Capacities do not exceed 85% of tipping with outriggers fully extended, (tires must not contact ground), gantry up and machine in a level position. Operating radius is horizontal distance from centerline of rotation to a vertical line through the center of gravity of the freely suspended load. At 12' radius clearance between hoist lines and boom is reduced