

GR-350XL RATED LIFTING CAPACITIES (IN POUNDS)

ON OUTRIGGERS FULLY EXTENDED 20' 8"(6.3m) SPREAD														
360° ROTATION														
B \ A	31.8'		40'		55'		70'		80'		90'		101.7'	
	C	(9.7m)	C	(12.19m)	C	(16.8m)	C	(21.34m)	C	(24.38m)	C	(27.43m)	C	(31m)
8'	65	70,000												
10'	60	60,000	67	49,600	74	42,300	78	27,500						
12'	56	56,500	64	49,600	72	42,300	76	27,500	78	27,500				
15'	49	46,500	59	46,000	69	40,000	74	27,500	76	27,500	78	25,300		
20'	34	36,000	50	35,500	63	32,000	69	27,500	72	27,200	75	23,500	77	18,500
25'			38	28,500	57	25,900	65	24,200	69	22,700	72	20,400	75	18,100
30'			22	20,500	50	20,100	60	20,100	65	19,400	68	17,800	72	16,300
35'					42	15,800	55	16,700	60	16,000	65	15,300	68	14,400
40'					33	12,200	50	13,100	56	13,250	61	13,050	65	12,600
45'					19	9,250	44	10,300	51	10,600	57	11,000	62	11,000
50'							37	8,400	46	8,700	53	8,900	59	9,300
55'							29	6,650	41	7,100	49	7,300	55	7,800
60'							16	5,400	34	5,900	44	6,200	51	6,450
65'									27	4,800	39	5,100	47	5,300
70'									15	3,700	33	4,300	43	4,400
75'											26	3,850	38	3,800
80'											15	3,000	33	3,200
85'													27	2,800
90'													18	2,200
D	0													

LIFTING CAPACITIES AT ZERO DEGREE BOOM ANGLE ON OUTRIGGERS FULLY EXTENDED														
20' 8"(6.3m) SPREAD 360° ROTATION														
C \ A	31.8'		40'		55'		70'		80'		90'		101.7'	
	B	(9.7m)	B	(12.19m)	B	(16.8m)	B	(21.34m)	B	(24.38m)	B	(27.43m)	B	(31m)
0°	23.7	30,400	31.9'	18,700	46.9'	8,600	61.9'	5,000	71.9'	3,400	81.9'	2,800	93.6'	1,900

ON OUTRIGGERS MID EXTENDED 19' 4-1/4"(5.9m) SPREAD														
360° ROTATION														
B \ A	31.8'		40'		55'		70'		80'		90'		101.7'	
	C	(9.7m)	C	(12.19m)	C	(16.8m)	C	(21.34m)	C	(24.38m)	C	(27.43m)	C	(31m)
8'	65	70,000												
10'	60	60,000	67	49,600	74	42,300	78	27,500						
12'	56	56,500	64	49,600	72	42,300	76	27,500	78	27,500				
15'	49	46,500	59	46,000	69	40,000	74	27,500	76	27,500	78	25,300		
20'	34	34,700	50	35,500	63	32,000	69	27,500	72	27,200	75	23,500	77	18,500
25'			38	24,000	57	23,700	65	24,200	69	22,700	72	20,400	75	18,100
30'			22	16,700	50	16,500	60	17,900	65	18,300	68	17,300	72	16,300
35'					42	12,250	55	13,400	60	13,850	65	14,150	68	13,250
40'					33	9,050	49	10,300	56	10,700	61	11,200	65	11,200
45'					19	6,750	43	8,000	51	8,350	57	8,800	62	9,100
50'							37	6,300	46	6,700	53	7,050	58	7,300
55'							29	4,850	41	5,300	48	5,700	55	6,000
60'							16	3,800	34	4,200	44	4,600	51	4,800
65'									27	3,300	38	3,700	47	4,000
70'									15	2,600	33	2,900	43	3,200
75'											25	2,300	38	2,600
80'											15	1,700	33	2,000
85'													26	1,400
90'													18	800
D	0													

LIFTING CAPACITIES AT ZERO DEGREE BOOM ANGLE ON OUTRIGGERS MID EXTENDED														
19' 4-1/4"(5.9m) SPREAD 360° ROTATION														
C \ A	31.8'		40'		55'		70'		80'		90'		101.7'	
	B	(9.7m)	B	(12.19m)	B	(16.8m)	B	(21.34m)	B	(24.38m)	B	(27.43m)	B	(31m)
0°	23.7	26,500	31.9'	15,000	46.9'	6,000	61.9'	3,400	71.9'	2,300	81.9'	1,450	93.6'	500

- A : Boom length in feet
- B : Load radius in feet
- C : Loaded boom angle (°)
- D : Minimum boom angle (°) for indicated length (no load)

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-C) is based on the standard number of parts of line listed in the chart. Standard number of parts of line for each boom length should be according to the following table.

Boom length in feet (meters)	31.8' (9.7m)	31.8' to 55' (9.7m to 16.8m)	55' to 101.7' (16.8m to 31.0m)	Single top Jib
Number of parts of line	8	6	4	1

GR-350XL RATED LIFTING CAPACITIES (IN POUNDS)

ON OUTRIGGERS MID EXTENDED 16' 4-7/8"(5.0m) SPREAD														
360° ROTATION														
B \ A	31.8'		40'		55'		70'		80'		90'		101.7'	
	C	(9.7m)	C	(12.19m)	C	(16.8m)	C	(21.34m)	C	(24.38m)	C	(27.43m)	C	(31m)
8'	65	70,000												
10'	60	60,000	67	49,600	74	42,300	78	27,500						
12'	56	56,500	64	49,800	72	42,300	76	27,500	78	27,500				
15'	49	46,500	59	46,000	69	40,000	74	27,500	78	27,500	78	25,300		
20'	34	28,300	50	27,600	63	27,000	69	27,500	73	27,200	75	23,500	77	18,500
25'			38	18,300	56	17,800	65	19,200	69	19,800	72	19,900	75	18,100
30'			22	12,700	50	12,700	60	13,800	64	14,200	68	14,750	72	15,000
35'					42	9,000	55	10,000	60	10,500	64	11,000	68	11,300
40'					32	6,500	49	7,500	56	8,000	61	8,400	65	8,700
45'					19	4,700	43	5,700	51	6,200	57	6,500	62	6,800
50'							37	4,300	46	4,700	53	5,100	58	5,400
55'							28	3,200	40	3,600	48	4,000	55	4,300
60'							16	2,300	34	2,700	43	3,100	51	3,400
65'									26	2,000	36	2,400	47	2,600
70'									15	1,300	32	1,700	42	2,000
75'											25	1,200	38	1,400
80'													32	1,000
D							0							20

LIFTING CAPACITIES AT ZERO DEGREE BOOM ANGLE ON OUTRIGGERS MID EXTENDED										
16' 4-7/8"(5.0m) SPREAD 360° ROTATION										
C \ A	31.8'		40'		55'		70'		90'	
	B	(9.7m)	B	(12.19m)	B	(16.8m)	B	(21.34m)	B	(27.43m)
0°	23.7'	20,700	31.9'	11,300	46.9'	4,100	61.9'	2,100	71.9'	500

ON OUTRIGGERS MIN EXTENDED 7' 2-5/8"(2.2m) SPREAD														
360° ROTATION														
B \ A	31.8'		40'		55'		70'		80'		90'		101.7'	
	C	(9.7m)	C	(12.19m)	C	(16.8m)	C	(21.34m)	C	(24.38m)	C	(27.43m)	C	(31m)
8'	65	44,400												
10'	60	28,600	67	27,500	74	27,900	78	27,500						
12'	56	20,900	64	20,800	72	20,300	76	21,600	78	22,700				
15'	49	14,600	59	14,100	68	13,800	73	15,000	76	15,600	78	16,500		
20'	33	7,900	49	8,200	62	7,700	69	8,900	72	9,400	74	10,000	77	10,300
25'			38	4,900	56	4,500	64	5,800	68	6,000	71	6,500	74	6,700
30'			22	2,600	49	2,300	59	3,400	64	3,800	67	4,200	70	4,400
35'					42	1,000	54	1,900	60	2,300	64	2,600	67	2,900
40'									55	1,200	60	1,500	64	1,800
D		0			36		45		51		54		58	

LIFTING CAPACITIES AT ZERO DEGREE BOOM ANGLE ON OUTRIGGERS MIN EXTENDED					
7' 2-5/8"(2.2m) SPREAD 360° ROTATION					
C \ A	31.8'		40'		
	B	(9.7m)	B	(12.19m)	
0°	23.7'	5,600	31.9'	2,000	

- A : Boom length in feet
- B : Load radius in feet
- C : Loaded boom angle (°)
- D : Minimum boom angle (°) for indicated length (no load)

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-C) is based on the standard number of parts of line listed in the chart. Standard number of parts of line for each boom length should be according to the following table.

Boom length in feet (meters)	31.8' (9.7m)	31.8' to 55' (9.7m to 16.8m)	55' to 101.7' (16.8m to 31.0m)	Single top Jib
Number of parts of line	8	6	4	1

GR-350XL RATED LIFTING CAPACITIES (IN POUNDS)

ON OUTRIGGERS FULLY EXTENDED 20' 8"(6.3m) SPREAD													
360° ROTATION													
C	101.7' (31m) Boom + 23.6' (7.2m) Jib						C	101.7' (31m) Boom + 42' (12.8m) Jib					
	5° offset		25° offset		45° offset			5° offset		25° offset		45° offset	
	R	W	R	W	R	W		R	W	R	W	R	W
80	19.3'	7,700	26.7'	5,200	32.1'	3,700	80	25.6'	4,800	38.0'	2,600	47.8'	1,700
77.5	25.2'	7,700	32.0'	5,000	37.2'	3,600	77.5	32.2'	4,800	44.3'	2,600	53.4'	1,700
75	30.8'	7,700	37.5'	4,800	42.4'	3,500	75	38.8'	4,800	50.4'	2,600	58.6'	1,700
72.5	36.4'	7,350	42.7'	4,600	47.1'	3,400	72.5	44.9'	4,400	56.1'	2,450	63.9'	1,700
70	41.8'	7,000	47.7'	4,400	52.1'	3,300	70	50.9'	4,000	61.6'	2,300	68.9'	1,650
67.5	47.0'	6,600	52.9'	4,250	56.6'	3,200	67.5	56.8'	3,700	67.1'	2,200	73.9'	1,600
65	52.0'	6,200	57.5'	4,100	61.0'	3,150	65	62.3'	3,400	72.2'	2,050	78.5'	1,600
62.5	56.8'	5,700	62.4'	3,950	65.2'	3,100	62.5	67.9'	3,150	77.4'	1,950	83.0'	1,550
60	61.4'	5,200	66.8'	3,800	69.5'	3,050	60	73.1'	2,900	82.1'	1,850	87.3'	1,500
57.5	65.8'	4,700	71.2'	3,650	73.4'	3,000	57.5	78.6'	2,750	86.7'	1,800	91.4'	1,450
55	70.3'	4,200	75.3'	3,500	77.4'	2,900	55	83.5'	2,600	91.4'	1,750	95.4'	1,400
52.5	74.3'	3,700	79.2'	3,300	81.0'	2,800	52.5	88.3'	2,450	95.9'	1,700	99.0'	1,400
50	78.4'	3,200	82.9'	3,100	84.5'	2,650	50	93.0'	2,300	99.8'	1,600	102.0'	1,350
47.5	82.2'	2,900	86.2'	2,750	87.9'	2,500	47.5	97.4'	2,100	104.0'	1,550	106.0'	1,350
45	85.8'	2,600	89.6'	2,400	90.9'	2,400	45	102.0'	1,900	107.0'	1,500	110.0'	1,350
42.5	89.3'	2,300	92.8'	2,150			42.5	105.0'	1,700	111.0'	1,400		
40	92.6'	2,000	95.7'	1,900			40	109.0'	1,500	114.0'	1,300		
37.5	95.7'	1,750	98.8'	1,650			37.5	113.0'	1,350	117.0'	1,150		
35	98.6'	1,500	101.0'	1,400			35	116.0'	1,200	120.0'	1,000		
32.5	101.0'	1,350	104.0'	1,250			32.5	119.0'	1,050				
30	104.0'	1,200	106.0'	1,100			30	122.0'	900				
27.5	106.0'	1,050	108.0'	1,000									
25	108.0'	900	110.0'	900									

C :Loaded boom angle (°)

R :Load radius in feet

W :Rated lifting capacity in pounds

GR-350XL RATED LIFTING CAPACITIES (IN POUNDS)

ON OUTRIGGERS MID EXTENDED 19' 4-1/4"(5.9m) SPREAD												
360° ROTATION												
C	101.7' (31m) Boom + 23.6' (7.2m) Jib						101.7' (31m) Boom + 42' (12.8m) Jib					
	5° offset		25° offset		45° offset		5° offset		25° offset		45° offset	
	R	W	R	W	R	W	R	W	R	W	R	W
80	19.3'	7,700	26.7'	5,200	32.1'	3,700	25.6'	4,800	38.0'	2,600	47.8'	1,700
77.5	25.2'	7,700	32.0'	5,000	37.2'	3,600	32.2'	4,800	44.3'	2,600	53.4'	1,700
75	30.8'	7,700	37.5'	4,800	42.4'	3,500	38.8'	4,800	50.4'	2,600	58.6'	1,700
72.5	36.4'	7,350	42.7'	4,600	47.1'	3,400	44.9'	4,400	56.1'	2,450	63.9'	1,700
70	41.8'	7,000	47.7'	4,400	52.1'	3,300	50.9'	4,000	61.6'	2,300	68.9'	1,650
67.5	47.1'	6,600	52.9'	4,250	56.6'	3,200	56.8'	3,700	67.1'	2,200	73.9'	1,600
65	52.1'	6,200	57.5'	4,100	61.0'	3,150	62.3'	3,400	72.2'	2,050	78.5'	1,600
62.5	56.7'	5,700	62.3'	3,950	65.4'	3,100	67.9'	3,150	77.4'	1,950	83.0'	1,550
60	61.1'	5,200	66.6'	3,800	69.5'	3,050	73.1'	2,900	82.1'	1,850	87.3'	1,500
57.5	65.6'	4,350	70.7'	3,500	73.5'	2,950	78.2'	2,700	86.9'	1,800	91.4'	1,450
55	69.9'	3,500	74.8'	3,200	77.2'	2,850	82.9'	2,500	91.2'	1,750	95.4'	1,400
52.5	74.0'	2,950	78.6'	2,750	80.9'	2,550	87.7'	2,150	95.7'	1,650	99.0'	1,350
50	78.0'	2,400	82.4'	2,300	84.2'	2,200	92.1'	1,850	99.8'	1,500	103.0'	1,300
47.5	81.8'	2,050	86.0'	1,950	87.6'	1,900	96.5'	1,550	104.0'	1,350	106.0'	1,200
45	85.3'	1,750	89.5'	1,650	90.7'	1,650	101.0'	1,300	107.0'	1,200	109.0'	1,100
42.5	88.9'	1,500	92.6'	1,350								
40	92.2'	1,200	95.6'	1,100								

ON OUTRIGGERS MID EXTENDED 16' 4-7/8"(5.0m) SPREAD												
360° ROTATION												
C	101.7' (31m) Boom + 23.6' (7.2m) Jib						101.7' (31m) Boom + 42' (12.8m) Jib					
	5° offset		25° offset		45° offset		5° offset		25° offset		45° offset	
	R	W	R	W	R	W	R	W	R	W	R	W
80	19.3'	7,700	26.7'	5,200	32.1'	3,700	25.6'	4,800	38.0'	2,600	47.8'	1,700
77.5	25.2'	7,700	32.0'	5,000	37.2'	3,600	32.2'	4,800	44.3'	2,600	53.4'	1,700
75	30.8'	7,700	37.5'	4,800	42.4'	3,500	38.8'	4,800	50.4'	2,600	58.6'	1,700
72.5	36.4'	7,100	42.7'	4,600	47.1'	3,400	44.9'	4,400	56.1'	2,450	63.9'	1,700
70	41.5'	6,600	47.7'	4,400	52.1'	3,300	50.9'	4,000	61.6'	2,300	68.9'	1,650
67.5	46.7'	5,950	52.7'	4,350	56.6'	3,200	56.8'	3,700	67.1'	2,200	73.9'	1,600
65	51.5'	5,400	57.5'	4,100	61.0'	3,100	62.3'	3,400	72.2'	2,050	78.5'	1,600
62.5	56.1'	4,600	61.8'	3,650	65.2'	3,000	67.5'	3,050	77.4'	1,950	83.0'	1,500
60	60.5'	3,600	66.2'	3,200	69.3'	2,950	72.7'	2,750	82.1'	1,850	87.1'	1,400
57.5	64.8'	3,000	70.5'	2,700	73.1'	2,500	77.6'	2,250	86.6'	1,600	91.3'	1,400
55	69.2'	2,400	74.4'	2,200	76.9'	2,100	82.4'	1,750	90.9'	1,400	95.0'	1,400
52.5	73.4'	2,050	78.3'	1,750	80.3'	1,750	88.8'	1,400	95.1'	1,200	99.1'	1,200
50	77.2'	1,650	81.9'	1,400	83.8'	1,400	91.2'	1,100	99.4'	1,000	102.4'	1,000
47.5	81.4'	1,350										
45	85.0'	1,000										

C : Loaded boom angle (°)
R : Load radius in feet
W : Rated lifting capacity in pounds