



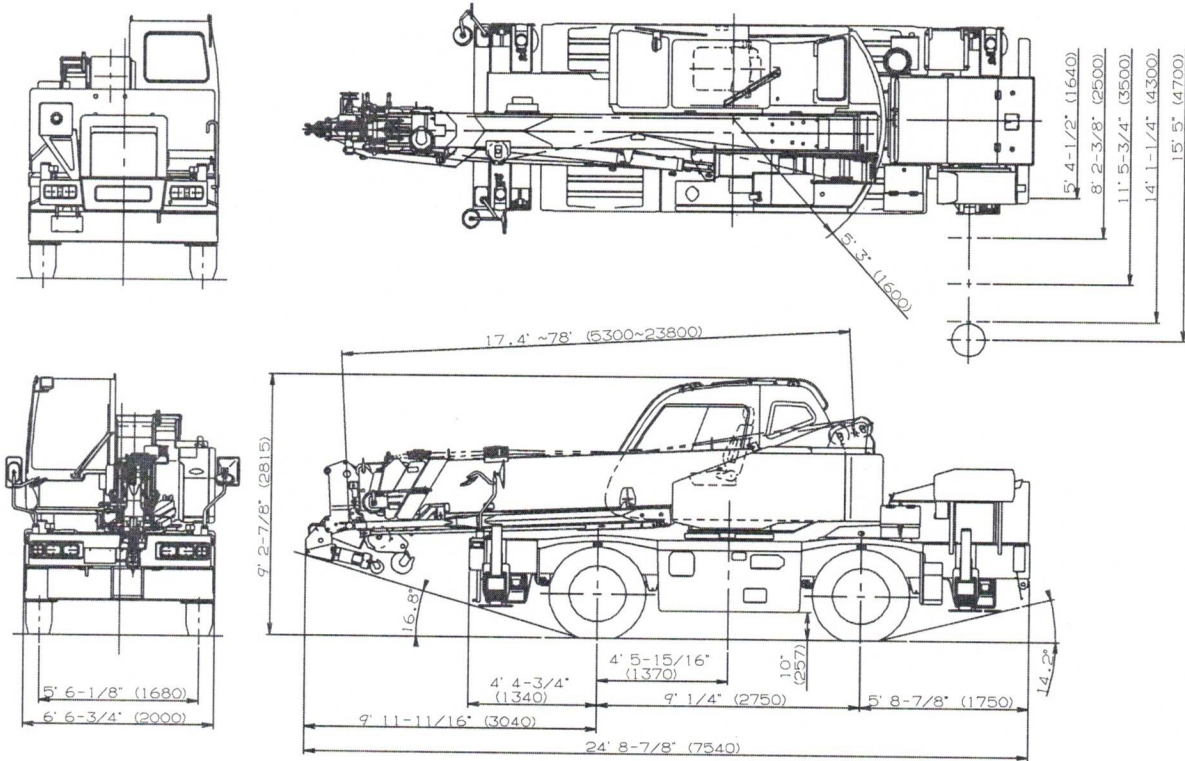
TADANO

GR-150XL

15 Ton Capacity (13.6 Metric Tons)

HYDRAULIC ROUGH TERRAIN CRANE

DIMENSIONS



GENERAL DIMENSIONS (275/80R22.5 Tires)

	Feet	Meters
Turning radius		
4 wheel steer	12' 5-5/8"	3.8
2 wheel steer	21' 3-7/8"	6.5

Specifications are subject to change without notice.
Specifications effective with S/N FD1787 and up.

GR-150XL RATED LIFTING CAPACITIES (IN POUNDS)

ON OUTRIGGERS FULLY EXTENDED 15' 5" (4.7m) SPREAD												
360° ROTATION												
B \ A	17.4'		30'		42'		54'		66'		78'	
	C	(5.3m)	C	(9.0m)	C	(12.7m)	C	(16.4m)	C	(20.1m)	C	(23.8m)
4	70.4	30,000	78.9	13,200								
5	66.7	30,000	77.3	13,200	80.9	13,200						
6	62.8	28,800	75.1	13,200	79.5	13,200						
8	54.2	23,800	70.8	13,200	76.7	13,200	79.9	11,000				
10	44.1	17,800	66.7	13,200	73.8	13,200	78.0	11,000	80.4	9,900		
12	30.8	14,800	62.4	13,200	71.0	13,200	75.8	11,000	78.7	9,900	80.5	6,600
15			55.4	11,500	66.6	11,100	72.4	10,850	76.0	8,950	78.5	6,600
20			42.1	8,300	58.5	8,000	66.6	7,750	71.5	7,050	74.8	6,050
25			19.5	6,200	49.8	5,850	60.6	5,700	66.8	5,500	70.9	4,950
30					39.4	4,050	54.3	4,400	61.8	4,400	66.9	4,100
35					25.2	2,950	47.1	3,350	56.5	3,550	62.6	3,350
40							38.9	2,650	51.0	3,150	58.3	2,800
45							28.3	1,950	44.8	2,400	53.7	2,350
50									37.9	1,850	48.6	2,000
55									29.3	1,400	43.2	1,550
60									16.2	1,050	37.2	1,250
65											29.9	1,000
70											20.2	770
D												0°

LIFTING CAPACITIES AT ZERO DEGREE BOOM ANGLE ON OUTRIGGERS												
FULLY EXTENDED 15' 5" (4.7m) SPREAD 360° ROTATION												
C \ A	17.4'		30'		42'		54'		66'		78'	
	B	(5.3m)	B	(9.0m)	B	(12.7m)	B	(16.4m)	B	(20.1m)	B	(23.8m)
0°	13.1	13,500	25.3	5,900	37.4	2,600	49.5	1,600	61.7	1,000	73.8	600

ON OUTRIGGERS MID EXTENDED 14' 1-1/4" (4.3m) SPREAD												
360° ROTATION												
B \ A	17.4'		30'		42'		54'		66'		78'	
	C	(5.3m)	C	(9.0m)	C	(12.7m)	C	(16.4m)	C	(20.1m)	C	(23.8m)
4	70.4	30,000	78.9	13,200								
5	66.7	30,000	77.3	13,200	80.9	13,200						
6	62.8	28,800	75.1	13,200	79.5	13,200						
8	54.2	23,800	70.8	13,200	76.7	13,200	79.9	11,000				
10	44.1	17,800	66.7	13,200	73.8	13,200	78.0	11,000	80.4	9,900		
12	30.8	14,800	62.4	13,200	71.0	13,200	75.8	11,000	78.7	9,900	80.5	6,600
15			55.3	11,300	66.6	11,100	72.4	10,850	76.0	8,950	78.5	6,600
20			42.1	8,050	58.5	7,450	66.6	7,750	71.5	7,050	74.8	6,050
25			19.5	5,500	49.8	5,300	60.6	5,400	66.7	5,100	70.9	4,950
30					39.4	3,500	54.2	4,050	61.7	4,100	66.8	3,900
35					25.2	2,500	47.0	2,850	56.5	3,200	62.6	3,200
40							38.7	2,100	50.9	2,300	58.3	2,550
45							28.1	1,450	44.6	1,750	53.6	1,950
50									37.7	1,250	48.5	1,500
55									29.3	900	43.1	1,150
60									16.2	600	37.0	900
65											29.8	600
D												0°

LIFTING CAPACITIES AT ZERO DEGREE BOOM ANGLE ON OUTRIGGERS												
MID EXTENDED 14' 1-1/4" (4.3m) SPREAD 360° ROTATION												
C \ A	17.4'		30'		42'		54'		66'			
	B	(5.3m)	B	(9.0m)	B	(12.7m)	B	(16.4m)	B	(20.1m)		
0°	13.1	13,200	25.3	5,200	37.4	2,000	49.5	1,100	61.7	500		

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