



TADANO GR1000XL (100T)



EQUIPMENT SPECIFICATIONS



**WITHOUT
QUESTION**

WWW.IRVINGEQUIPMENT.COM



WITHOUT QUESTION

IRVING EQUIPMENT LIMITED
 1-800-561-CRANE (2726)
WWW.IRVINGEQUIPMENT.COM

INFO

UNIT INFO

Asset Number	Multiple
Crane Make	Tadano
Crane Model	GR1000XL-2
Type	100T Rough-Terrain
Serial Number	Multiple

DIMENSIONS

Overall length of carrier	27'12"
Overall width of carrier	10'11"
Transportation height	12'5"
Fullspan outriggers c-c	23'11"
Midspan outriggers c-c	18'-1/2"
Outriggers, front to rear length	24'1"
Tailswing radius	13'9"
Overall length, boom at 0 deg.	47'2"
Operational weight, w/CTWT, jib, ball, block	115,610lb
Counterweight removed	93,610lb
Counterweight & jib removed	90,960lb
Turning Radius (4-Wheel Steer)	22'4"
No. dolly axles	N/A

FEATURES

Tadano LMI System AML-C	4-Position outrigger ext.
5-Section full power boom	Air conditioning / Heat
Auxiliary boom nose	3-Way Adjust. operator seat
Outrigger status display	Decked fenders
Jib-assist cylinder	

BOOM INFO

Full counterweight	22,000lb
Fixed jib, length options	33.2' – 58.1'
Fixed jib, offset angles	3.5°, 25°, 45°
Luffing jib, max length	N/A
Main boom max. length (5-Sect.)	154.2'
Max tip height with jib	220'

ONBOARD EQUIPMENT

Travel Speed	36km/h
Drive type	4WD
Number of winches	2
Line pull, maximum permissible	14,600lb
Max line speed (Main or Aux.)	595'/min
Gradeability	75%
Hoist Rope (Main)	830' of 3/4" dia. (7x35)





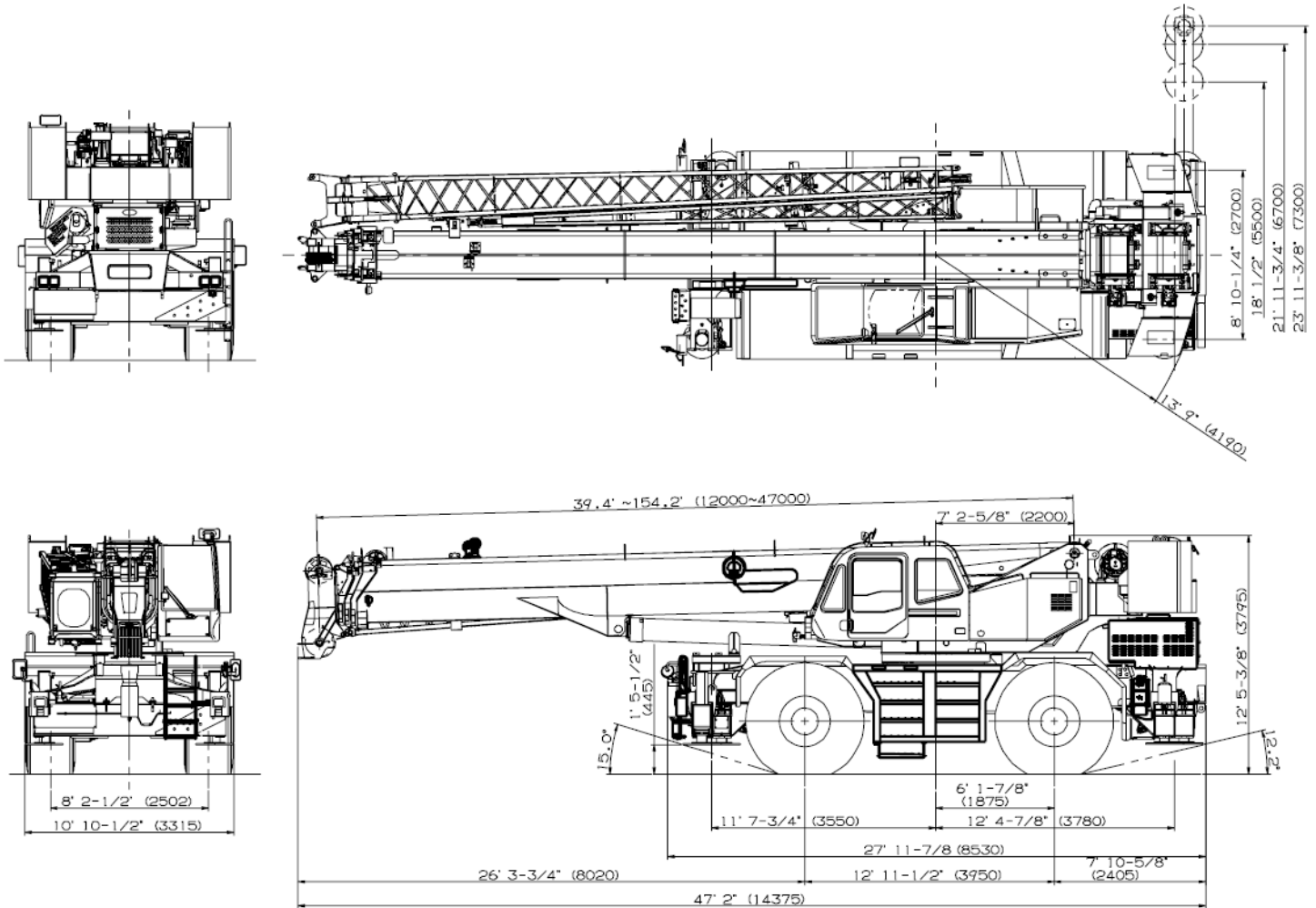
**WITHOUT
QUESTION**

IRVING EQUIPMENT LIMITED
 1-800-561-CRANE (2726)
WWW.IRVINGEQUIPMENT.COM

DIMENSIONS

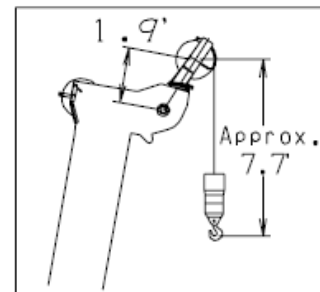
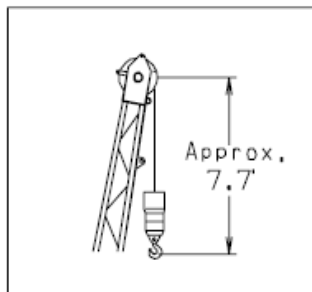
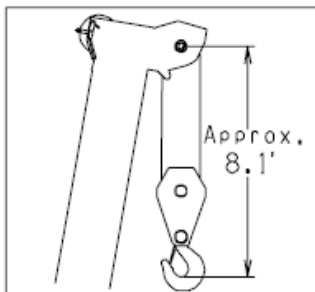
STEERING

	Feet	Meters
Turning radius		
4 wheel steer	22' 4"	6.8
2 wheel steer	39' 1"	11.9



Note : Dimension is with boom angle at -1.5 degree.

() Reference dimensions in mm.

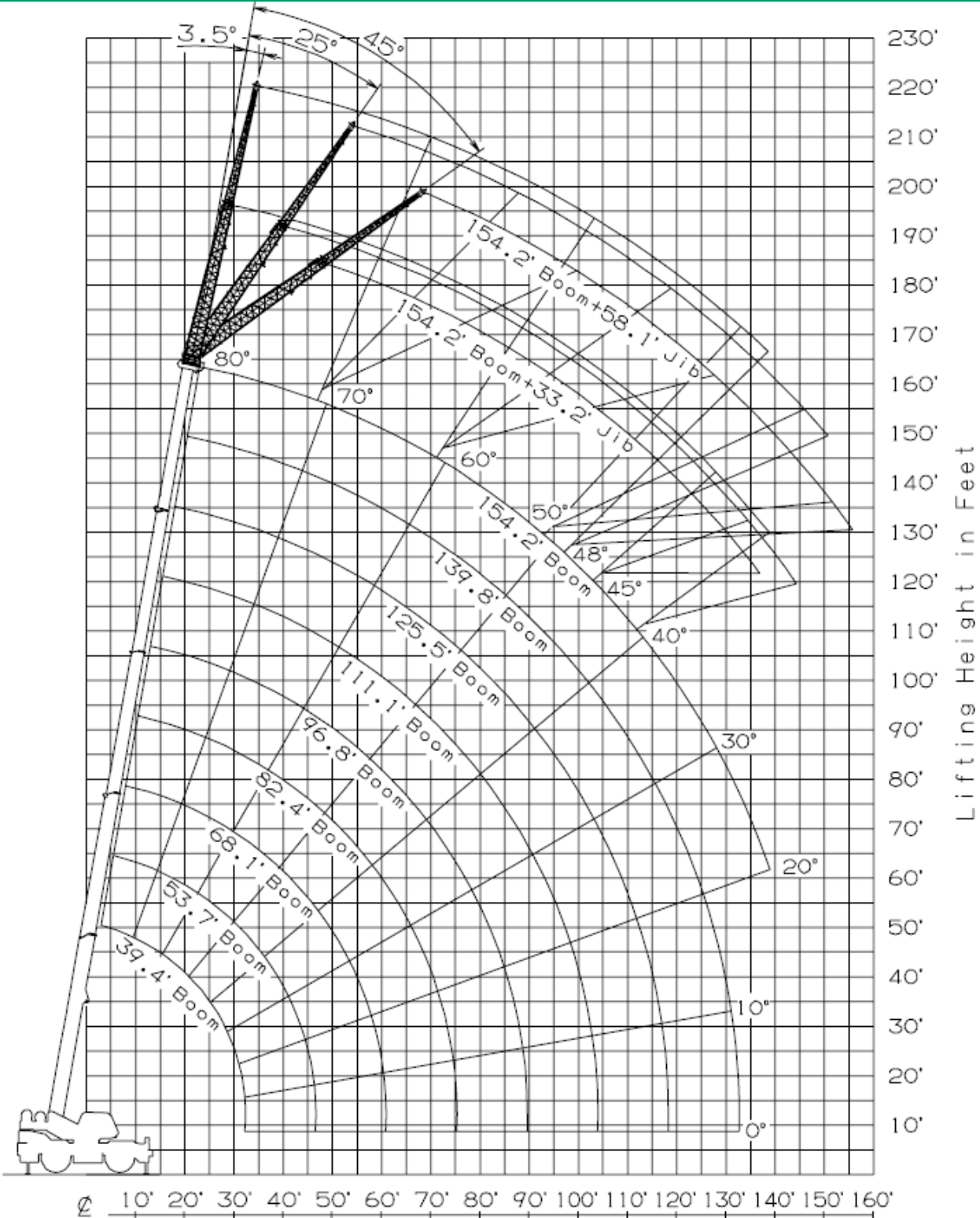




WITHOUT QUESTION

IRVING EQUIPMENT LIMITED
1-800-561-CRANE (2726)
WWW.IRVINGEQUIPMENT.COM

WORKING RANGE





**WITHOUT
QUESTION**

IRVING EQUIPMENT LIMITED
1-800-561-CRANE (2726)
WWW.IRVINGEQUIPMENT.COM

RATED LIFTING CAPACITIES (LBS)

COUNTERWEIGHT 22,000 lbs (10 t)
ON OUTRIGGERS FULLY EXTENDED 23' 11-3 / 8" (7.3 m) SPREAD
360° ROTATION

B	39.4'		53.7'		68.1' (20.8 m)		82.4' (25.1 m)		96.8' (29.5 m)		111.1' (33.9 m)		125.5' (38.3 m)		139.8' (42.6 m)		154.2'													
	C	(12 m)	C	(16.4 m)	C		C		C		C		C		C		C	(47 m)												
8'	73	200,000	78	102,700																										
10'	70	180,000	76	102,700	80	90,200	79	40,100																						
12'	67	157,900	74	102,700	78	90,200	77	40,100																						
15'	61	132,300	70	102,700	75	89,900	75	40,100	78	42,500	78	35,500																		
20'	52	99,700	64	99,100	71	78,100	70	40,100	74	42,500	74	35,500	77	40,100	77	33,300	79	35,500	79	32,200										
25'	41	76,900	58	76,200	66	65,600	65	40,100	71	42,500	70	35,500	74	40,100	74	33,300	77	35,500	77	32,200	79	33,300	79	28,700						
30'	25	50,700	51	57,700	61	56,700	60	40,100	67	42,500	67	35,500	71	40,100	71	33,300	74	35,500	74	30,200	77	33,300	77	26,300	79	26,700	79	24,300		
35'			43	42,800	56	41,800	55	40,100	63	42,500	63	35,500	68	39,500	68	31,600	72	35,100	72	27,300	74	30,900	74	24,000	77	26,700	77	24,100	78	20,900
40'			33	33,100	50	32,100	49	36,400	59	34,100	59	35,500	65	34,000	65	29,300	69	32,000	69	24,900	72	28,400	72	22,000	75	25,300	75	22,300	77	20,900
45'			18	26,200	44	25,400	43	31,100	54	27,300	54	31,800	61	28,300	61	26,500	66	28,000	66	22,900	69	26,100	69	20,200	72	23,500	73	20,700	75	20,700
50'					37	20,400	36	25,900	48	22,200	49	26,800	57	23,200	58	24,100	63	24,000	63	21,300	67	22,900	67	18,700	70	21,800	71	19,300	73	19,400
55'					28	16,600	27	20,900	44	18,400	44	22,600	54	19,300	54	22,200	59	20,100	60	19,600	64	20,100	64	17,400	68	19,600	68	18,000	71	18,100
60'					13	13,600	12	15,900	39	15,300	38	19,400	49	16,200	50	19,700	56	17,000	57	18,200	61	17,300	62	16,100	66	17,400	66	16,800	69	16,800
65'									32	12,700	32	16,800	45	13,700	45	17,100	53	14,400	53	16,800	58	14,800	59	15,000	63	15,300	64	15,800	67	15,200
70'									24	10,600	23	14,600	40	11,800	41	16,000	49	12,300	50	15,200	56	12,700	56	13,800	61	13,200	61	14,300	65	13,400
75'								7	8,900	5	11,700	35	9,800	35	13,200	45	10,600	46	13,400	53	10,900	53	12,700	58	11,400	59	12,500	62	11,700	
80'												29	8,300	29	11,600	41	9,100	42	11,900	49	9,500	50	11,700	55	9,900	56	11,000	60	10,200	
85'												21	7,100	21	10,300	37	7,800	38	10,500	46	8,200	46	10,800	53	8,600	53	9,700	58	8,900	
90'																31	6,600	33	9,400	42	7,000	43	9,600	50	7,500	50	8,600	55	7,700	
95'																25	5,600	27	8,400	38	6,000	39	8,600	47	6,500	47	7,600	53	6,700	
100'																17	4,800	19	7,500	34	5,200	35	7,700	43	5,600	44	6,700	50	5,900	
105'																				29	4,400	30	6,900	40	4,800	41	5,900	47	5,100	
110'																				24	3,700	24	6,200	37	4,100	37	5,200	44	4,300	
115'																				15	3,100	15	5,800	33	3,500	32	4,500	41	3,700	
120'																									27	2,900	28	4,000	38	3,200
125'																									22	2,400	23	3,500	34	2,800
130'																									14	2,000	14	3,100	30	2,200
135'																													26	1,800
D	0																	20												
Telescoping conditions (%)																														
Telescoping mode	I, II	I	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I, II													
2nd boom	0	50	100	0	100	0	100	0	100	0	100	0	100	0	100	50	100													
3rd boom	0	0	0	33	16	50	33	66	50	83	66	100	83	100	100	100														
4th boom	0	0	0	33	16	50	33	66	50	83	66	100	83	100	100															
Top boom	0	0	0	33	16	50	33	66	50	83	66	100	83	100	100															

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

- ✓ FULL-SERVICE PROVIDER FOR CRANE RENTAL, RIGGING, AND LIFT PLANNING.
- ✓ DAILY, WEEKLY, MONTHLY RATES AVAILABLE
- ✓ DRY-LEASE AND LONG-TERM RENTALS
- ✓ OUR PURPOSE IS TO LEAVE 'NO ROOM FOR DOUBT'!