



MODEL: **GR-1300XL-4**

SPEC No.: **GR-1300-4-00101**

DATA FOR OPERATION

NOT TO BE TAKEN AWAY

TADANO LTD.

GR-1300XL-4 SPECIFICATIONS

Model	: GR-1300XL-4
Capacity	: 118 metric ton(130Ton) at 2.44m(8')
Boom Length	: 12.2m(40.0') to 56.0m(183.7') (6 sections)
Jib Length	: 10.3m(33.8') , 18.0m(59.1') (5° ~40° offset)
Single Top Length	: 0.7m(2' 3 ⁹ / ₁₆ ") (27° offset)
Available Speeds	
Boom Extension	: 43.8m(143.7') / 410s
Boom Elevation	: 20° to 60° / 28s
Single Line Speed	
Main Winch Low	: 97m/min(318fpm) at the 4th layer
Main Winch High	: 136m/min(446fpm) at the 4th layer
Aux. Winch Low	: 97m/min(318fpm) at the 4th layer
Aux. Winch High	: 136m/min(446fpm) at the 4th layer
Slewing	: 1.3min ⁻¹ {rpm}
Outrigger Extended Width	: 7.8m(25'7")
Outrigger Float Size	: ϕ 0.57m(ϕ 1' 10 ¹ / ₂ ")
Max. Load on Outrigger Float	: 72,500kg(159,800lbs)
Tail Swing Radius	: 4.6m(15'1")
Wire Rope Main Winch	: 19mm(³ / ₄ ")diameter 320m(1050') length
Aux. Winch	: 19mm(³ / ₄ ")diameter 225m(738') length

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GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)



COUNTERWEIGHT 19.8t (43,500lbs) ON OUTRIGGER FULLY EXTEND 7.8m (25'7") SPREAD 360° ROTATION																			
A		1	1	9	10	1	2	9	10	1	2	10	11	1	2	10	11		
B		1	2	26	28	3	12	27	29	4	13	30	32	5	14	31	33		
C	12.2m (*40.0')	16.3m (53.3')				20.3m (66.6')				24.4m (79.9')				28.4m (93.2')					
D	12.2m (40.0')	90.7	35.0	65.0	65.0	35.0	35.0	65.0	65.0	65.0	31.8	35.0	65.0	35.0	25.0	35.0	48.0		
2.4	117.9																		
3.1	110.9	90.7	35.0	65.0	65.0	34.9	35.0	65.0	65.0	65.0	29.8	35.0	65.0	35.0	25.0	35.0	48.0		
3.7	100.2	90.7	35.0	65.0	65.0	32.6	35.0	65.0	65.0	65.0	27.2	35.0	62.8	35.0	22.9	35.0	42.6		
4.6	87.4	78.2	35.0	65.0	65.0	29.5	35.0	65.0	65.0	65.0	27.2	35.0	62.8	35.0	22.9	35.0	42.6		
6.1	65.2	61.2	35.0	61.4	56.4	25.4	35.0	60.4	56.0	23.5	20.6	35.0	53.3	35.0	19.8	35.0	35.8		
7.6	50.6	49.7	33.0	49.8	49.2	22.3	31.3	49.8	48.8	20.6	18.4	32.0	46.3	35.0	17.4	33.9	30.8		
9.1	40.8	40.8	29.8	41.0	41.5	19.9	27.9	40.9	41.7	18.4	28.3	40.8	35.0	15.5	30.4	27.0	35.0		
10.7			27.2	32.3	32.9	17.8	25.2	32.1	33.1	16.5	25.3	32.7	32.4	13.8	27.5	23.9	33.6		
12.2			25.3	25.4	26.0	16.2	23.1	25.3	26.3	15.0	22.9	25.9	27.2	12.5	25.0	21.5	26.8		
13.7						14.8	21.2	20.5	21.4	13.7	20.9	21.1	22.4	11.4	23.0	19.4	21.9		
15.2						13.7	19.4	17.0	17.8	12.6	19.2	17.6	18.7	10.5	19.5	17.2	18.4		
16.8						12.8	16.6	14.3	15.1	11.7	16.8	14.8	15.9	9.7	16.7	14.5	15.6		
18.3										11.0	14.6	12.7	13.7	9.0	14.4	12.3	13.4		
19.8										10.3	12.8	10.9	12.0	8.4	12.6	10.6	11.6		
21.3										9.8	11.3	9.5	10.5	7.9	11.1	9.1	10.2		
22.9													10.5	7.4	9.9	7.9	8.9		
24.4														7.0	8.8	6.9	7.9		
25.9																			
E	35.3		32.2	30.6	32.0	27.1	31.7	29.5	31.1	27.1	31.0	30.0	29.6	25.0	30.1	30.0	28.5		
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Telescoping condition (%)																			
Tele.1	0	0	0	0	0	0	0	46	0	0	0	46	0	0	0	92	46		
Tele.2	0	0	0	46	0	0	0	46	46	0	0	46	46	0	46	46	46		
Tele.3	0	0	0	0	46	0	0	0	46	0	46	46	46	0	46	46	46		
Tele.4	0	0	0	0	0	0	46	0	0	46	46	0	46	92	46	0	46		
Tele.5	0		46	0	0	92	46	0	0	92	46	0	0	92	46	0	0		
G	20	14	6	10	10	6	6	10	10	6	6	10	6	4	6	8	6		

*Over front with speciale equipment

A : Boom block

B : Boom number

C : Boom length in meter

D : Load radius in meter

E : Maximum capacity without boom pin

F : Minimum boom angle (°) for indicator length (no load)

G : Number of parts of line

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

SAE



GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

COUNTERWEIGHT 19.8t (43,500lbs) ON OUTRIGGER FULLY EXTEND 7.8m (25'7") SPREAD 360° ROTATION																																			
		32.5m (106.5')										36.5m (119.8')					40.6m (133.0')					44.6m (146.3')					48.7m (159.6')					52.7m (172.9')		56m (183.7')	
A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28						
C	D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28						
4.6	22.7	33.1	33.0	27.3																															
6.1	20.2	33.1	33.0	24.6	19.6	26.4	23.5																												
7.6	18.0	33.1	28.4	22.2	17.8	26.3	22.2	16.5																											
9.1	16.2	31.3	24.9	20.2	16.1	23.5	20.4	16.1	16.5	21.0	19.9	14.0	16.7	15.5																					
10.7	14.6	29.0	22.1	18.5	14.3	20.9	18.8	14.9	15.2	19.4	18.9	14.0	16.7	15.5	12.3	13.4																			
12.2	13.4	26.6	19.8	17.1	12.8	18.7	17.5	13.5	14.1	17.6	17.7	13.2	16.0	14.5	12.3	13.4	10.9																		
13.7	12.3	22.6	17.9	15.8	11.6	16.9	16.3	12.3	13.2	15.9	16.1	12.3	14.9	13.5	12.1	13.3	10.9	9.5																	
15.2	11.4	19.0	16.3	14.8	10.6	15.5	15.3	11.3	12.3	14.5	14.7	11.4	13.8	12.6	11.4	12.5	10.9	9.5																	
16.8	10.5	16.2	15.0	13.8	9.7	14.2	14.4	10.4	11.6	13.2	13.5	10.6	12.6	11.8	10.7	11.8	10.6	9.4																	
18.3	9.8	14.1	13.0	13.0	9.0	13.1	13.6	9.7	10.9	12.2	12.5	9.9	11.6	11.1	10.1	11.1	10.0	8.5																	
19.8	9.1	12.3	11.2	12.3	8.3	11.9	12.8	9.0	10.3	11.3	11.6	9.3	10.7	10.4	9.5	10.4	9.5	7.7																	
21.3	8.5	10.8	9.7	11.6	7.7	10.4	11.3	8.4	9.8	10.4	10.8	8.7	10.0	9.8	8.9	9.6	9.0	7.0																	
22.9	8.0	9.5	8.5	10.4	7.2	9.2	10.1	7.9	9.3	9.2	9.6	8.2	9.3	9.2	8.5	9.0	8.5	6.4																	
24.4	7.5	8.5	7.5	9.3	6.8	8.1	9.0	7.4	8.9	8.1	8.6	7.7	8.2	8.7	8.0	8.4	8.1	5.9																	
25.9	7.1	7.5	6.6	8.4	6.4	7.2	8.1	7.0	8.3	7.2	7.6	7.3	7.3	7.9	7.6	7.5	7.7	5.4																	
27.4	6.7	6.8	5.8	7.6	6.0	6.4	7.3	6.6	7.5	6.4	6.8	6.9	6.5	7.1	7.2	6.8	7.0	5.0																	
29.0	6.4	6.1	5.1	6.9	5.7	5.7	6.5	6.3	6.8	5.7	6.1	6.5	5.8	6.4	6.7	6.1	6.3	4.6																	
30.5					5.4	5.1	5.9	6.0	6.1	5.1	5.5	6.1	5.2	5.8	6.1	5.4	5.7	4.2																	
32.0					5.1	4.5	5.4	5.7	5.6	4.5	4.9	5.7	4.6	5.2	5.5	4.9	5.2	3.9																	
33.5					4.9	4.1	4.9	5.4	5.1	4.0	4.4	5.2	4.1	4.7	5.0	4.4	4.6	3.6																	
35.1								4.6	4.2	3.2	3.6	4.3	3.3	3.8	4.1	3.5	3.8	3.1																	
36.6												3.9	2.9	3.5	3.7	3.1	3.4	2.8																	
38.1												3.6	2.6	3.1	3.4	2.8	3.1	2.6																	
39.6												3.3	2.3	2.9	3.1	2.5	2.8	2.4																	
41.2																		2.2																	
42.7																		2.2																	
44.2																		2.1																	
45.7																		2.1																	
47.2																		1.9																	
48.8																		1.7																	
50.3																		1.6																	
51.8																		1.5																	
53.3																		1.2																	
E	22.7	28.9	28.5	27.1	19.6	26.4	23.5	16.5	17.8	21.0	19.9	14.0	16.7	15.5	12.3	13.4	10.9	9.5																	
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																	
Telescoping condition (%)																																			
Tele.1	0	46	92	0	0	92	46	0	46	92	92	0	92	46	46	92	92	100																	
Tele.2	0	46	46	46	0	46	46	46	46	92	46	92	46	92	92	92	92	100																	
Tele.3	46	46	46	46	92	46	46	92	46	46	46	46	92	92	92	92	92	100																	
Tele.4	92	46	46	46	92	46	46	92	92	92	46	46	92	46	46	92	92	100																	
Tele.5	92	46	0	92	92	46	92	92	92	46	46	92	46	46	46	92	92	100																	
G	4	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4																	

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

- A : Boom block
- B : Boom number
- C : Boom length in meter
- D : Load radius in meter
- E : Maximum capacity without boom pin
- F : Minimum boom angle (°) for indicator length (no load)
- G : Number of parts of line

GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)



COUNTERWEIGHT 19.8t (43,500lbs)
ON OUTRIGGER FULLY EXTEND 7.8m (25'7") SPREAD
SMART CHART

		Smart Chart																			
A	1	1	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	10	11	
B	1	2	26	28	3	12	27	29	4	13	30	31	32	33	34	35	36	37	38	39	
C	16.3m (53.3')			20.3m (66.6')			24.4m (79.9')			28.4m (93.2')											
D	12.2m (*40.0')	12.2m (40.0')																			
2.4	117.9	90.7	35.0	65.0	65.0	35.0	35.0	65.0	65.0												
3.1	110.9	90.7	35.0	65.0	65.0	34.9	35.0	65.0	65.0	31.8	35.0	65.0	35.0								
3.7	100.2	90.7	35.0	65.0	65.0	32.6	35.0	65.0	65.0	29.8	35.0	65.0	35.0	25.0	25.0	35.0	48.0			35.0	
4.6	87.4	78.2	35.0	65.0	65.0	29.5	35.0	65.0	65.0	27.2	35.0	62.8	35.0	22.9	22.9	35.0	42.6			35.0	
6.1	65.2	61.2	35.0	61.4	56.4	25.4	35.0	60.4	56.0	23.5	35.0	53.3	35.0	19.8	19.8	35.0	35.8			35.0	
7.6	50.6	49.7	33.0	49.8	49.2	22.3	31.3	49.8	48.8	20.6	32.0	46.3	35.0	17.4	17.4	33.9	30.8			35.0	
9.1	40.8	40.8	29.8	41.0	41.5	19.9	27.9	40.9	41.7	18.4	28.3	40.8	35.0	15.5	15.5	30.4	27.0			35.0	
10.7			27.2	34.0	34.5	17.8	25.2	33.8	34.7	16.5	25.3	34.5	32.4	13.8	13.8	27.5	23.9			33.6	
12.2			25.3	27.5	28.0	16.2	23.1	27.3	28.3	15.0	22.9	28.0	29.4	12.5	12.5	25.0	21.5			29.0	
13.7						14.8	21.2	22.5	23.5	13.7	20.9	23.2	24.5	11.4	11.4	23.0	19.4			24.2	
15.2						13.7	19.7	18.9	19.9	12.6	19.2	19.6	20.8	10.5	10.5	21.3	17.7			20.5	
16.8						12.8	18.5	16.1	17.0	11.7	17.8	16.7	17.9	9.7	9.7	18.7	16.3			17.6	
18.3										11.0	16.5	14.4	15.6	9.0	9.0	16.4	14.1			15.3	
19.8										10.3	14.6	12.6	13.7	8.4	8.4	14.4	12.2			13.3	
21.3										9.8	13.0	11.0	12.1	7.9	7.9	12.8	10.6			11.7	
22.9														7.4	7.4	11.4	9.3			10.4	
24.4														7.0	7.0	10.3	8.1			9.2	
25.9																					
E	35.3		32.2	30.6	32.0	27.1	31.7	29.5	31.1	27.1	31.0	30.0	29.6	25.0	25.0	30.1	30.0			28.5	
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Telescoping condition (%)																					
Tele.1	0	0	0	0	0	0	0	46	0	0	0	46	0	0	0	0	92	46		46	
Tele.2	0	0	46	0	0	0	0	46	46	0	0	46	46	46	0	46	46	46		46	
Tele.3	0	0	0	46	0	0	0	0	46	0	46	46	46	46	0	46	46	46		46	
Tele.4	0	0	0	0	0	0	46	0	0	46	46	0	46	92	46	0	46	0		46	
Tele.5	0	46	0	0	0	92	46	0	0	92	46	0	0	92	46	0	46	0	0	0	
G	20	14	6	10	10	6	6	10	10	6	6	10	6	4	4	6	8	6		6	

*Over front with speciale equipment

A : Boom block

B : Boom number

C: Boom length in meter

D: Load radius in meter

E: Maximum capacity without boom pin

F: Minimum boom angle ($^{\circ}$) for indicator length (no load)

G :Number of parts of line

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

[illegible]

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

- A: Boom block
B: Boom number
C: Boom length in meter
D: Load radius in meter
E: Maximum capacity without boom pin
F: Minimum boom angle (°) for indicator length (no load)
G: Number of parts of line

SAE

GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

		COUNTERWEIGHT 19.8t (43,500lbs) ON OUTRIGGER FULLY EXTEND 7.8m (25'7") SPREAD 360° ROTATION 10.3m (33.8') JIB														
Load radius in meter	boom length in meter , Jib Offset angle(°)															
	12.20m (40.0') boom			32.5m (106.5') boom			48.7m (159.6') boom			52.7m (172.9') boom			56.0m (183.7') boom			
	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	
7.6	12.9	10.1	8.0	13.4												
9.1	11.2	9.1	7.4	13.4	10.9											
10.7	9.8	8.2	6.9	13.1	10.2											
12.2	8.8	7.5	6.5	12.5	9.6	7.2										
13.7	7.9	7.0	6.2	11.9	9.0	7.0	6.7									
15.2	7.2	6.5	5.9	11.3	8.5	6.7	6.7	6.7		5.6						
16.8	6.6	6.1	5.7	10.5	8.1	6.5	6.7	6.7		5.6	5.6		5.0	5.0		
18.3	6.1	5.8		9.9	7.7	6.3	6.7	6.7	6.6	5.6	5.6		5.0	5.0		
19.8	5.7			9.3	7.4	6.1	6.7	6.7	6.4	5.6	5.6	5.6	5.0	5.0	5.0	
21.3				8.8	7.1	5.9	6.7	6.7	6.2	5.6	5.6	5.6	5.0	5.0	5.0	
22.9				8.3	6.8	5.8	6.7	6.7	6.1	5.6	5.6	5.6	5.0	5.0	5.0	
24.4				7.9	6.6	5.6	6.7	6.7	5.9	5.6	5.6	5.5	5.0	5.0	5.0	
25.9				7.5	6.3	5.5	6.7	6.4	5.8	5.6	5.5	5.3	5.0	5.0	5.0	
27.4				7.1	6.1	5.4	6.3	6.2	5.7	5.6	5.3	5.1	5.0	5.0	4.9	
29.0				6.4	5.9	5.3	6.0	6.0	5.5	5.4	5.1	4.9	4.6	4.8	4.7	
30.5				5.9	5.8	5.2	5.5	5.7	5.4	5.2	5.0	4.8	4.2	4.4	4.6	
32.0				5.3	5.5	5.2	5.0	5.3	5.3	5.0	4.8	4.6	3.9	4.1	4.2	
33.5				4.9	5.0		4.6	4.8	5.1	4.7	4.6	4.5	3.6	3.7	3.9	
35.1				4.5	4.6		4.1	4.4	4.6	4.3	4.5	4.3	3.3	3.4	3.6	
36.6				4.1	4.2		3.7	3.9	4.2	3.9	4.1	4.2	3.0	3.1	3.3	
38.1				3.7	3.8		3.4	3.6	3.8	3.5	3.7	3.9	2.7	2.9	3.0	
39.6				3.4			3.1	3.2	3.4	3.2	3.4	3.6	2.5	2.7	2.8	
41.2							2.8	2.9	3.1	2.9	3.1	3.2	2.3	2.4	2.5	
42.7							2.5	2.6	2.8	2.6	2.8	2.9	2.1	2.2	2.3	
44.2							2.2	2.4	2.5	2.4	2.5	2.6	1.9	2.0	2.1	
45.7							1.9	2.1	2.2	2.1	2.3	2.4	1.7	1.8	1.9	
47.2							1.7	1.8		1.9	2.0	2.1	1.6	1.7	1.8	
48.8							1.5	1.6		1.7	1.8	1.9	1.4	1.5	1.6	
50.3							1.3	1.4		1.4	1.6		1.3	1.4	1.4	
51.8							1.1	1.2		1.3	1.4		1.1	1.2		
53.3							0.9	1.0		1.1	1.2		1.0	1.1		
54.9							0.8			0.9	1.0		0.8	0.9		
56.4							0.6			0.7	0.8		0.7	0.7		
57.9										0.6						
59.4										0.5						
61.0																
62.5																
Telescoping condition (%)																
Tele.1	0			46			92			92			100			
Tele.2	0			46			92			92			100			
Tele.3	0			46			92			92			100			
Tele.4	0			46			92			92			100			
Tele.5	0			46			46			92			100			
A	1			2			7			1			8			
G	2 or 1(*)			2 or 1(*)			1			1			1			

*The lifting capacity of single line is 7,200 kg (15,900lbs).

A :Boom block

G :Number of parts of line

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

SAE

GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

		COUNTERWEIGHT 19.8t (43,500lbs) ON OUTRIGGER FULLY EXTEND 7.8m (25'7") SPREAD 360° ROTATION 18.0m (59.1') JIB														
Load radius in meter	boom length in meter , Jib Offset angle(°)															
	12.20m (40.0') boom			32.5m (106.5') boom			48.7m (159.6') boom			52.7m (172.9') boom			56.0m (183.7') boom			
	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	
7.6	5.7															
9.1	5.7			5.7												
10.7	5.7	5.7		5.7												
12.2	5.7	5.3		5.7												
13.7	5.7	4.9		5.7	5.4											
15.2	5.2	4.5	3.9	5.7	5.2		4.1									
16.8	4.8	4.2	3.6	5.7	5.0		4.1			3.6						
18.3	4.4	3.9	3.4	5.7	4.8	3.7	4.1			3.6			3.4			
19.8	4.1	3.7	3.3	5.5	4.5	3.6	4.1	4.1		3.6			3.4			
21.3	3.8	3.4	3.1	5.3	4.3	3.5	4.1	4.1		3.6	3.6		3.4			
22.9	3.5	3.3	3.0	5.1	4.2	3.4	4.1	4.1		3.6	3.6		3.4	3.4		
24.4	3.3	3.1	2.9	4.9	4.0	3.3	4.1	4.0	3.3	3.6	3.6		3.4	3.4		
25.9	3.1	3.0		4.7	3.8	3.2	4.1	3.9	3.3	3.6	3.6	3.2	3.4	3.4		
27.4	3.0	2.9		4.5	3.7	3.1	4.1	3.8	3.2	3.6	3.6	3.1	3.4	3.4	3.1	
29.0				4.3	3.6	3.0	4.1	3.7	3.1	3.6	3.6	3.1	3.4	3.4	3.0	
30.5				4.1	3.4	3.0	4.1	3.6	3.0	3.6	3.5	3.0	3.4	3.4	3.0	
32.0				3.9	3.3	2.9	4.1	3.5	3.0	3.6	3.4	3.0	3.4	3.4	2.9	
33.5				3.7	3.2	2.8	4.1	3.4	2.9	3.6	3.4	2.9	3.4	3.3	2.9	
35.1				3.6	3.1	2.8	4.0	3.4	2.9	3.6	3.3	2.8	3.4	3.2	2.8	
36.6				3.5	3.0	2.7	3.8	3.3	2.8	3.6	3.2	2.8	3.2	3.2	2.8	
38.1				3.3	3.0	2.7	3.7	3.2	2.8	3.5	3.1	2.7	2.9	3.1	2.7	
39.6				3.2	2.9	2.7	3.4	3.1	2.7	3.4	3.1	2.7	2.7	3.0	2.7	
41.2				3.1	2.8		3.1	3.1	2.7	3.2	3.0	2.6	2.5	2.7	2.7	
42.7				3.0	2.8		2.8	3.0	2.6	2.9	3.0	2.6	2.2	2.5	2.6	
44.2				3.0	2.7		2.5	2.8	2.6	2.6	2.9	2.6	2.0	2.3	2.5	
45.7				2.8	2.7		2.3	2.6	2.5	2.3	2.7	2.5	1.9	2.1	2.3	
47.2				2.6			2.1	2.3	2.5	2.1	2.4	2.5	1.7	1.9	2.1	
48.8							1.8	2.1	2.3	1.9	2.2	2.4	1.5	1.7	1.9	
50.3							1.6	1.8	2.0	1.7	1.9	2.2	1.4	1.6	1.7	
51.8							1.4	1.6	1.8	1.5	1.7	1.9	1.2	1.4	1.6	
53.3							1.2	1.4	1.6	1.3	1.5	1.7	1.1	1.3	1.4	
54.9							1.1	1.2		1.1	1.3	1.5	1.0	1.1	1.3	
56.4							0.9	1.1		1.0	1.2	1.3	0.8	1.0	1.1	
57.9							0.8	0.9		0.8	1.0			0.9	1.0	
59.4							0.6	0.7		0.7	0.8					
61.0											0.7					
62.5																
Telescoping condition (%)																
Tele.1	0			46			92			92			100			
Tele.2	0			46			92			92			100			
Tele.3	0			46			92			92			100			
Tele.4	0			46			92			92			100			
Tele.5	0			46			46			92			100			
A	1			2			7			1			8			
G	1			1			1			1			1			

A :Boom block

G :Number of parts of line

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

SAE

GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

   COUNTERWEIGHT 19.8t (43,500lbs) ON OUTRIGGER FULLY EXTEND 7.8m (25'7") SPREAD SMART CHART 10.3m (33.8') JIB																
Load radius in meter	boom length in meter , Jib Offset angle(°)															
	12.20m (40.0') boom			32.5m (106.5') boom			48.7m (159.6') boom			52.7m (172.9') boom			56.0m (183.7') boom			
	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	
7.6	12.9	10.1	8.0	13.4												
9.1	11.2	9.1	7.4	13.4	10.9											
10.7	9.8	8.2	6.9	13.1	10.2											
12.2	8.8	7.5	6.5	12.5	9.6	7.2										
13.7	7.9	7.0	6.2	11.9	9.0	7.0	6.7									
15.2	7.2	6.5	5.9	11.3	8.5	6.7	6.7	6.7		5.6						
16.8	6.6	6.1	5.7	10.5	8.1	6.5	6.7	6.7		5.6	5.6		5.0	5.0		
18.3	6.1	5.8		9.9	7.7	6.3	6.7	6.7	6.6	5.6	5.6		5.0	5.0		
19.8	5.7			9.3	7.4	6.1	6.7	6.7	6.4	5.6	5.6	5.6	5.0	5.0	5.0	
21.3				8.8	7.1	5.9	6.7	6.7	6.2	5.6	5.6	5.6	5.0	5.0	5.0	
22.9				8.3	6.8	5.8	6.7	6.7	6.1	5.6	5.6	5.6	5.0	5.0	5.0	
24.4				7.9	6.6	5.6	6.7	6.7	5.9	5.6	5.6	5.5	5.0	5.0	5.0	
25.9				7.5	6.3	5.5	6.7	6.4	5.8	5.6	5.5	5.3	5.0	5.0	5.0	
27.4				7.1	6.1	5.4	6.3	6.2	5.7	5.6	5.3	5.1	5.0	5.0	4.9	
29.0				6.4	5.9	5.3	6.0	6.0	5.5	5.4	5.1	4.9	4.6	4.8	4.7	
30.5				5.9	5.8	5.2	5.5	5.7	5.4	5.2	5.0	4.8	4.2	4.4	4.6	
32.0				5.3	5.5	5.2	5.0	5.3	5.3	5.0	4.8	4.6	3.9	4.1	4.2	
33.5				4.9	5.0		4.6	4.8	5.1	4.7	4.6	4.5	3.6	3.7	3.9	
35.1				4.5	4.6		4.1	4.4	4.6	4.3	4.5	4.3	3.3	3.4	3.6	
36.6				4.1	4.2		3.7	3.9	4.2	3.9	4.1	4.2	3.0	3.1	3.3	
38.1				3.7	3.8		3.4	3.6	3.8	3.5	3.7	3.9	2.7	2.9	3.0	
39.6				3.4			3.1	3.2	3.4	3.2	3.4	3.6	2.5	2.7	2.8	
41.2							2.8	2.9	3.1	2.9	3.1	3.2	2.3	2.4	2.5	
42.7							2.5	2.6	2.8	2.6	2.8	2.9	2.1	2.2	2.3	
44.2							2.2	2.4	2.5	2.4	2.5	2.6	1.9	2.0	2.1	
45.7							2.0	2.1	2.2	2.1	2.3	2.4	1.7	1.8	1.9	
47.2							1.8	1.9		1.9	2.0	2.1	1.6	1.7	1.8	
48.8							1.6	1.6		1.7	1.8	1.9	1.4	1.5	1.6	
50.3							1.4	1.4		1.5	1.6		1.3	1.4	1.4	
51.8							1.2	1.2		1.3	1.4		1.1	1.2		
53.3							1.0	1.1		1.2	1.2		1.0	1.1		
54.9							0.9			1.0	1.1		0.9	0.9		
56.4							0.7			0.8	0.9		0.7	0.8		
57.9										0.7			0.6	0.7		
59.4										0.6			0.5	0.6		
61.0																
62.5																
Telescoping condition (%)																
Tele.1	0			46			92			92			100			
Tele.2	0			46			92			92			100			
Tele.3	0			46			92			92			100			
Tele.4	0			46			92			92			100			
Tele.5	0			46			46			92			100			
A	1			2			7			1			8			
G	2 or 1(*)			2 or 1(*)			1			1			1			

*The lifting capacity of single line is 7,200 kg (15,900lbs).

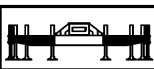
A :Boom block

G :Number of parts of line

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

SAE

GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

   COUNTERWEIGHT 19.8t (43,500lbs) ON OUTRIGGER FULLY EXTEND 7.8m (25'7") SPREAD SMART CHART 18.0m (59.1') JIB																
Load radius in meter	boom length in meter , Jib Offset angle(°)															
	12.20m (40.0') boom			32.5m (106.5') boom			48.7m (159.6') boom			52.7m (172.9') boom			56.0m (183.7') boom			
	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	
7.6	5.7															
9.1	5.7			5.7												
10.7	5.7	5.7		5.7												
12.2	5.7	5.3		5.7												
13.7	5.7	4.9		5.7	5.4											
15.2	5.2	4.5	3.9	5.7	5.2		4.1									
16.8	4.8	4.2	3.6	5.7	5.0		4.1			3.6						
18.3	4.4	3.9	3.4	5.7	4.8	3.7	4.1			3.6			3.4			
19.8	4.1	3.7	3.3	5.5	4.5	3.6	4.1	4.1		3.6			3.4			
21.3	3.8	3.4	3.1	5.3	4.3	3.5	4.1	4.1		3.6	3.6		3.4			
22.9	3.5	3.3	3.0	5.1	4.2	3.4	4.1	4.1		3.6	3.6		3.4	3.4		
24.4	3.3	3.1	2.9	4.9	4.0	3.3	4.1	4.0	3.3	3.6	3.6		3.4	3.4		
25.9	3.1	3.0		4.7	3.8	3.2	4.1	3.9	3.3	3.6	3.6	3.2	3.4	3.4		
27.4	3.0	2.9		4.5	3.7	3.1	4.1	3.8	3.2	3.6	3.6	3.1	3.4	3.4	3.1	
29.0				4.3	3.6	3.0	4.1	3.7	3.1	3.6	3.6	3.1	3.4	3.4	3.0	
30.5				4.1	3.4	3.0	4.1	3.6	3.0	3.6	3.5	3.0	3.4	3.4	3.0	
32.0				3.9	3.3	2.9	4.1	3.5	3.0	3.6	3.4	3.0	3.4	3.4	2.9	
33.5				3.7	3.2	2.8	4.1	3.4	2.9	3.6	3.4	2.9	3.4	3.3	2.9	
35.1				3.6	3.1	2.8	4.0	3.4	2.9	3.6	3.3	2.8	3.4	3.2	2.8	
36.6				3.5	3.0	2.7	3.8	3.3	2.8	3.6	3.2	2.8	3.2	3.2	2.8	
38.1				3.3	3.0	2.7	3.7	3.2	2.8	3.5	3.1	2.7	2.9	3.1	2.7	
39.6				3.2	2.9	2.7	3.4	3.1	2.7	3.4	3.1	2.7	2.7	3.0	2.7	
41.2				3.1	2.8		3.1	3.1	2.7	3.2	3.0	2.6	2.5	2.7	2.7	
42.7				3.0	2.8		2.8	3.0	2.6	2.9	3.0	2.6	2.2	2.5	2.6	
44.2				3.0	2.7		2.5	2.8	2.6	2.7	2.9	2.6	2.0	2.3	2.5	
45.7				2.8	2.7		2.3	2.6	2.5	2.4	2.7	2.5	1.9	2.1	2.3	
47.2				2.6			2.1	2.3	2.5	2.2	2.4	2.5	1.7	1.9	2.1	
48.8							1.9	2.1	2.3	2.0	2.2	2.4	1.5	1.7	1.9	
50.3							1.7	1.9	2.0	1.8	2.0	2.2	1.4	1.6	1.7	
51.8							1.5	1.7	1.8	1.6	1.8	1.9	1.2	1.4	1.6	
53.3							1.3	1.5	1.6	1.4	1.6	1.7	1.1	1.3	1.4	
54.9							1.2	1.3		1.3	1.4	1.5	1.0	1.1	1.3	
56.4							1.0	1.1		1.1	1.2	1.3	0.9	1.0	1.1	
57.9							0.9	1.0		1.0	1.1		0.8	0.9	1.0	
59.4							0.7	0.8		0.8	0.9		0.6	0.8		
61.0							0.6	0.7		0.7	0.8		0.5	0.7		
62.5							0.5			0.6	0.7			0.5		
Telescoping condition (%)																
Tele.1	0			46			92			92			100			
Tele.2	0			46			92			92			100			
Tele.3	0			46			92			92			100			
Tele.4	0			46			92			92			100			
Tele.5	0			46			46			92			100			
A	1			2			7			1			8			
G	1			1			1			1			1			

A :Boom block

G :Number of parts of line

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

SAE



COUNTERWEIGHT 19.8t (43,500lbs)

ON OUTRIGGER MID EXTEND 7.3m (23' 11 3/8") SPREAD

360° ROTATION

	16.3m (53.3')										20.3m (66.6')										24.4m (79.9')										28.4m (93.2')																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
A	1	1	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1	2	9	10	1</

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

- A : Boom block
- B : Boom number
- C : Boom length in meter
- D : Load radius in meter
- E : Maximum capacity without boom pin
- F : Minimum boom angle (°) for indicator length (no load)
- G : Number of parts of line

SAE



GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

COUNTERWEIGHT 19.8t (43,500lbs) ON OUTRIGGER MID EXTEND 7.3m (23' 11 3/8") SPREAD																																																								
360° ROTATION																																																								
A	1	2	11	3	1	2	3	1	4	20	21	19	9	1	6	7	1	7	1	8																																				
B	6	15	34	17																																																				
C	32.5m (106.5')								36.5m (119.8')								40.6m (133.0')								44.6m (146.3')								48.7m (159.6')								52.7m (172.9')															
D																																																								
4.6	22.7	33.1	35.0	27.3																																																				
6.1	20.2	33.1	33.0	24.6	19.6	26.4	23.5																																																	
7.6	18.0	33.1	28.4	22.2	17.8	26.3	22.2	16.5	17.8	21.0	19.9	14.0	16.7	15.5																																										
9.1	16.2	31.3	24.9	20.2	16.1	23.5	20.4	16.1	16.5	21.0	19.9	14.0	16.7	15.5	12.3	13.4																																								
10.7	14.6	29.0	22.1	18.5	14.3	20.9	18.8	14.9	15.2	19.4	18.9	14.0	16.7	15.5	12.3	13.4	10.9																																							
12.2	13.4	25.0	19.8	17.1	12.8	18.7	17.5	13.5	14.1	17.6	17.7	13.2	16.0	14.5	12.3	13.4	10.9	9.5																																						
13.7	12.3	20.4	17.9	15.8	11.6	16.9	16.3	12.3	13.2	15.9	16.1	12.3	14.9	13.5	12.1	13.3	10.9	9.5	9.5																																					
15.2	11.4	17.0	15.9	14.8	10.6	15.5	15.3	11.3	12.3	14.5	14.7	11.4	13.8	12.6	11.4	12.5	10.9	9.5	9.5																																					
16.8	10.5	14.5	13.4	13.8	9.7	14.1	14.4	10.4	11.6	13.2	13.5	10.6	12.6	11.8	10.7	11.8	10.6	9.4	9.4																																					
18.3	9.8	12.4	11.3	13.0	9.0	12.0	13.0	9.7	10.9	12.0	12.5	9.9	11.6	11.1	10.1	11.1	10.0	8.5	8.5																																					
19.8	9.1	10.7	9.7	11.6	8.3	10.4	11.3	9.0	10.3	10.4	10.9	9.3	10.5	10.4	9.5	10.4	9.5	7.7	7.7																																					
21.3	8.5	9.3	8.3	10.2	7.7	9.0	9.9	8.4	9.8	9.0	9.5	8.7	9.1	9.7	8.9	9.4	9.0	7.0	7.0																																					
22.9	8.0	8.2	7.2	9.0	7.2	7.9	8.8	7.9	9.0	7.8	8.3	8.2	8.0	8.6	8.5	8.2	8.5	6.4	6.4																																					
24.4	7.5	7.2	6.2	8.1	6.8	6.9	7.8	7.4	8.0	6.9	7.3	7.7	7.0	7.6	7.9	7.2	7.5	5.9	5.9																																					
25.9	7.1	6.4	5.4	7.2	6.4	6.0	6.9	7.0	7.1	6.0	6.5	7.2	6.2	6.8	7.0	6.4	6.7	5.4	5.4																																					
27.4	6.7	5.6	4.6	6.5	6.0	5.3	6.1	6.6	6.4	5.3	5.7	6.5	5.4	6.0	6.3	5.7	5.9	5.0	5.0																																					
29.0	6.2	5.0	4.0	5.8	5.7	4.6	5.5	6.1	5.7	4.6	5.1	5.8	4.7	5.3	5.6	5.0	5.3	4.6	4.6																																					
30.5					5.4	4.0	4.9	5.5	5.1	4.0	4.5	5.2	4.2	4.8	5.1	4.4	4.7	4.2	4.2																																					
32.0					5.0	3.5	4.4	5.0	4.6	3.5	4.0	4.7	3.7	4.2	4.5	3.9	4.2	3.9	3.9																																					
33.5					4.6	3.1	4.0	4.5	4.1	3.1	3.5	4.2	3.2	3.8	4.1	3.4	3.7	3.6	3.6																																					
35.1								4.1	3.7	2.7	3.1	3.8	2.8	3.4	3.6	3.0	3.3	3.3	3.3																																					
36.6								3.7	3.4	2.3	2.7	3.4	2.4	3.0	3.3	2.6	2.9	2.9	2.9																																					
38.1												3.1	2.1	2.6	2.9	2.3	2.6	2.9	2.9																																					
39.6												2.8	1.8	2.3	2.3	2.6	2.0	2.3	2.3																																					
41.2												2.5	1.5	2.1	2.3	1.7	2.0	2.0	2.0																																					
42.7															2.1	1.5	1.7	1.7	1.7																																					
44.2															1.8	1.2	1.5	1.5	1.5																																					
45.7															1.6	1.0	1.3	1.2	1.2																																					
47.2																	1.1	1.0	1.0																																					
48.8																	0.9	0.8	0.8																																					
50.3																																																								
51.8																																																								
53.3																																																								
E	22.7	28.9	28.5	27.1	19.6	26.4	23.5	16.5	17.8	21.0	19.9	14.0	16.7	15.5	12.3	13.4	10.9	9.5	9.5																																					
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																					
Telescoping condition (%)																																																								
Tele.1	0	46	92	0	0	46	46	0	46	92	92	0	92	46	92	46	92	100	100																																					
Tele.2	0	46	46	46	0	46	46	46	46	46	46	46	46	46	46	46	46	92	92																																					
Tele.3	46	46	46	46	92	46	46	92	46	46	46	46	46	46	46	46	46	92	92																																					
Tele.4	92	46	46	46	92	46	46	92	46	46	46	46	46	46	46	46	46	92	92																																					
Tele.5	92	46	0	92	92	46	46	92	92	46	46	92	46	46	46	46	46	92	92																																					
G	4	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4																																					

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

- A :Boom block
- B :Boom number
- C :Boom length in meter
- D :Load radius in meter
- E :Maximum capacity without boom pin
- F :Minimum boom angle (°) for indicator length (no load)
- G :Number of parts of line

SAE

GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

		COUNTERWEIGHT 19.8t (43,500lbs) ON OUTRIGGER MID EXTEND 7.3m (23' 11 3/8") SPREAD 360° ROTATION 10.3m (33.8') JIB														
		boom length in meter , Jib Offset angle(°)														
Load radius in meter	12.20m (40.0') boom			32.5m (106.5') boom			48.7m (159.6') boom			52.7m (172.9') boom			56.0m (183.7') boom			
	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	
7.6	12.9	10.1	8.0	13.4												
9.1	11.2	9.1	7.4	13.4	10.9											
10.7	9.8	8.2	6.9	13.1	10.2											
12.2	8.8	7.5	6.5	12.5	9.6	7.2										
13.7	7.9	7.0	6.2	11.9	9.0	7.0	6.7									
15.2	7.2	6.5	5.9	11.3	8.5	6.7	6.7	6.7		5.6						
16.8	6.6	6.1	5.7	10.5	8.1	6.5	6.7	6.7		5.6	5.6		5.0	5.0		
18.3	6.1	5.8		9.9	7.7	6.3	6.7	6.7	6.6	5.6	5.6		5.0	5.0		
19.8	5.7			9.3	7.4	6.1	6.7	6.7	6.4	5.6	5.6	5.6	5.0	5.0	5.0	5.0
21.3				8.8	7.1	5.9	6.7	6.7	6.2	5.6	5.6	5.6	5.0	5.0	5.0	5.0
22.9				8.3	6.8	5.8	6.7	6.7	6.1	5.6	5.6	5.6	5.0	5.0	5.0	5.0
24.4				7.9	6.6	5.6	6.7	6.7	5.9	5.6	5.6	5.5	5.0	5.0	5.0	5.0
25.9				7.2	6.3	5.5	6.7	6.4	5.8	5.6	5.5	5.3	5.0	5.0	5.0	5.0
27.4				6.4	6.1	5.4	6.1	6.2	5.7	5.6	5.3	5.1	5.0	5.0	4.9	4.9
29.0				5.8	5.9	5.3	5.4	5.8	5.5	5.4	5.1	4.9	4.6	4.8	4.7	4.7
30.5				5.2	5.4	5.2	4.8	5.1	5.4	5.0	5.0	4.8	4.2	4.4	4.6	4.6
32.0				4.6	4.8	5.0	4.3	4.6	4.9	4.5	4.8	4.6	3.9	4.1	4.2	4.2
33.5				4.2	4.3		3.8	4.1	4.4	4.0	4.3	4.5	3.6	3.7	3.9	3.9
35.1				3.7	3.9		3.4	3.6	3.9	3.6	3.8	4.1	3.3	3.4	3.6	3.6
36.6				3.4	3.5		3.0	3.2	3.5	3.2	3.4	3.7	3.0	3.1	3.3	3.3
38.1				3.0	3.1		2.6	2.9	3.1	2.8	3.0	3.3	2.7	2.9	3.0	3.0
39.6				2.7			2.3	2.5	2.7	2.5	2.7	2.9	2.4	2.7	2.8	2.8
41.2							2.0	2.2	2.4	2.2	2.4	2.6	2.1	2.3	2.5	2.5
42.7							1.7	1.9	2.0	1.9	2.1	2.2	1.9	2.1	2.2	2.2
44.2							1.5	1.6	1.8	1.6	1.8	2.0	1.6	1.8	1.9	1.9
45.7							1.2	1.4	1.5	1.4	1.6	1.7	1.4	1.5	1.7	1.7
47.2							1.0	1.1		1.2	1.3	1.4	1.1	1.3	1.4	1.4
48.8							0.8	0.9		1.0	1.1	1.2	0.9	1.1	1.2	1.2
50.3							0.6	0.7		0.8	0.9		0.8	0.9	1.0	1.0
51.8							0.5	0.5		0.6	0.7		0.6	0.7		
53.3										0.5				0.5		
54.9																
56.4																
57.9																
59.4																
61.0																
62.5																
Telescoping condition (%)																
Tele.1	0			46			92			92			100			
Tele.2	0			46			92			92			100			
Tele.3	0			46			92			92			100			
Tele.4	0			46			92			92			100			
Tele.5	0			46			46			92			100			
A	1			2			7			1			8			
G	2 or 1(*)			2 or 1(*)			1			1			1			

*The lifting capacity of single line is 7,200 kg (15,900lbs).

A :Boom block

G :Number of parts of line

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

SAE

GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

		COUNTERWEIGHT 19.8t (43,500lbs) ON OUTRIGGER MID EXTEND 7.3m (23' 11 3/8") SPREAD 360° ROTATION 18.0m (59.1') JIB													
Load radius in meter	boom length in meter , Jib Offset angle(°)														
	12.20m (40.0') boom			32.5m (106.5') boom			48.7m (159.6') boom			52.7m (172.9') boom			56.0m (183.7') boom		
	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°
7.6	5.7														
9.1	5.7			5.7											
10.7	5.7	5.7		5.7											
12.2	5.7	5.3		5.7											
13.7	5.7	4.9		5.7	5.4										
15.2	5.2	4.5	3.9	5.7	5.2		4.1								
16.8	4.8	4.2	3.6	5.7	5.0		4.1			3.6					
18.3	4.4	3.9	3.4	5.7	4.8	3.7	4.1			3.6			3.4		
19.8	4.1	3.7	3.3	5.5	4.5	3.6	4.1	4.1		3.6			3.4		
21.3	3.8	3.4	3.1	5.3	4.3	3.5	4.1	4.1		3.6	3.6		3.4		
22.9	3.5	3.3	3.0	5.1	4.2	3.4	4.1	4.1		3.6	3.6		3.4	3.4	
24.4	3.3	3.1	2.9	4.9	4.0	3.3	4.1	4.0	3.3	3.6	3.6		3.4	3.4	
25.9	3.1	3.0		4.7	3.8	3.2	4.1	3.9	3.3	3.6	3.6	3.2	3.4	3.4	
27.4	3.0	2.9		4.5	3.7	3.1	4.1	3.8	3.2	3.6	3.6	3.1	3.4	3.4	3.1
29.0				4.3	3.6	3.0	4.1	3.7	3.1	3.6	3.6	3.1	3.4	3.4	3.0
30.5				4.1	3.4	3.0	4.1	3.6	3.0	3.6	3.5	3.0	3.4	3.4	3.0
32.0				3.9	3.3	2.9	4.1	3.5	3.0	3.6	3.4	3.0	3.4	3.4	2.9
33.5				3.7	3.2	2.8	4.1	3.4	2.9	3.6	3.4	2.9	3.4	3.3	2.9
35.1				3.6	3.1	2.8	3.8	3.4	2.9	3.6	3.3	2.8	3.4	3.2	2.8
36.6				3.5	3.0	2.7	3.4	3.3	2.8	3.5	3.2	2.8	3.2	3.2	2.8
38.1				3.3	3.0	2.7	3.0	3.2	2.8	3.1	3.1	2.7	2.9	3.1	2.7
39.6				3.2	2.9	2.7	2.7	3.1	2.7	2.8	3.1	2.7	2.7	3.0	2.7
41.2				3.0	2.8		2.4	2.7	2.7	2.5	2.9	2.6	2.4	2.7	2.7
42.7				2.7	2.8		2.1	2.4	2.6	2.2	2.6	2.6	2.2	2.5	2.6
44.2				2.4	2.6		1.8	2.2	2.5	2.0	2.3	2.6	1.9	2.2	2.5
45.7				2.2	2.3		1.6	1.9	2.2	1.7	2.0	2.3	1.7	2.0	2.3
47.2				2.0			1.4	1.7	1.9	1.5	1.8	2.0	1.4	1.7	2.0
48.8							1.2	1.4	1.6	1.3	1.6	1.8	1.2	1.5	1.8
50.3							1.0	1.2	1.4	1.1	1.3	1.6	1.0	1.3	1.5
51.8							0.8	1.0	1.2	0.9	1.1	1.3	0.8	1.1	1.3
53.3							0.6	0.8	1.0	0.7	1.0	1.1	0.7	0.9	1.1
54.9							0.5	0.6		0.6	0.8	0.9	0.5	0.7	0.9
56.4								0.5			0.6	0.7		0.6	0.7
57.9															0.5
59.4															
61.0															
62.5															
Telescoping condition (%)															
Tele.1	0			46			92			92			100		
Tele.2	0			46			92			92			100		
Tele.3	0			46			92			92			100		
Tele.4	0			46			92			92			100		
Tele.5	0			46			46			92			100		
A	1			2			7			1			8		
G	1			1			1			1			1		

A :Boom block

G :Number of parts of line

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

SAE



COUNTERWEIGHT 19.8t (43,500lbs)
ON OUTRIGGER MID EXTEND 5.5m (18' 1/2") SPREAD
360° ROTATION

	20.3m (66.6')																24.4m (79.9')								28.4m (93.2')							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	12.2m (40.0')	16.3m (53.3')	20.3m (66.6')	24.4m (79.9')	28.4m (93.2')	32.4m (106.3')	36.4m (119.4')	40.4m (132.5')	44.4m (145.6')	48.4m (158.7')	52.4m (171.8')	56.4m (184.9')	60.4m (198.0')	64.4m (211.1')	68.4m (224.2')	72.4m (237.3')	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
D	2.4	3.1	3.7	4.6	6.1	7.6	9.1	10.7	12.2	13.7	15.2	16.8	18.3	19.8	21.3	22.8	24.3	25.8	27.3	28.8	30.3	31.8	33.3	34.8	36.3	37.8	39.3	40.8	42.3	43.8	45.3	46.8
E	35.3	32.2	32.0	30.6	32.0	32.0	30.6	32.0	32.0	30.6	32.0	32.0	30.6	32.0	32.0	30.6	32.0	32.0	30.6	32.0	32.0	30.6	32.0	32.0	30.6	32.0	32.0	30.6	32.0	32.0	30.6	32.0
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telescoping condition (%)																																
Tele.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tele.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tele.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tele.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tele.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	14	6	6	10	10	10	10	10	10	10	10	10	10	10	10	10	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

- A : Boom block
- B : Boom number
- C : Boom length in meter
- D : Load radius in meter
- E : Maximum capacity without boom pin
- F : Minimum boom angle (°) for indicator length (no load)
- G : Number of parts of line

SAE



GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

COUNTERWEIGHT 19.8t (43,500lbs) ON OUTRIGGER MID EXTEND 5.5m (18' 1/2'') SPREAD 360° ROTATION																															
32.5m (106.5')					36.5m (119.8')					40.6m (133.0')					44.6m (146.3')					48.7m (159.6')					52.7m (172.9')					56m (183.7')	
A	1	2	11	3	1	2	3	1	4	5	19	3	1	6	7	1	7	1	8												
B	6	15	34	17	7	16	18	8	20	21	21	19	9	22	23	10	24	11	25												
C																															
D	4.6	22.7	33.1	35.0	27.3	26.4	23.5																								
E	6.1	20.2	33.1	33.0	24.6	19.6	26.4	23.5																							
F	7.6	18.0	33.1	28.4	22.2	17.8	26.3	22.2	16.5	17.8	21.0	19.9	14.0	16.7	15.5	12.3	13.4	10.9	9.5	8.5	7.6	6.6	5.7	5.7							
G	9.1	16.2	28.1	24.9	20.2	16.1	23.5	20.4	16.1	16.5	21.0	19.9	14.0	16.7	15.5	12.3	13.4	10.9	9.5	8.5	7.6	6.6	5.7	5.7							
H	10.7	14.6	21.7	20.5	18.5	14.3	20.9	18.8	14.9	15.2	19.4	18.9	14.0	16.7	15.5	12.3	13.4	10.9	9.5	8.5	7.6	6.6	5.7	5.7							
I	12.2	13.4	17.4	16.2	17.1	12.8	17.0	17.5	13.5	14.1	17.0	17.5	13.2	16.0	14.5	12.3	13.4	10.9	9.5	8.5	7.6	6.6	5.7	5.7							
J	13.7	12.3	14.2	13.1	15.1	11.6	13.9	14.8	12.3	13.2	13.8	14.3	12.3	14.0	13.5	12.1	13.3	10.9	9.5	8.5	7.6	6.6	5.7	5.7							
K	15.2	11.4	11.9	10.8	12.7	10.6	11.5	12.5	11.3	12.3	11.5	12.0	11.4	11.6	12.3	11.4	11.9	10.9	9.5	8.5	7.6	6.6	5.7	5.7							
L	16.8	10.5	10.0	8.9	10.8	9.7	9.7	10.6	10.4	10.8	9.6	10.1	10.6	9.8	10.4	10.7	10.0	10.3	9.4	8.5	7.6	6.6	5.7	5.7							
M	18.3	9.7	8.5	7.4	9.3	9.0	8.1	9.1	9.7	9.3	8.1	8.6	9.4	8.3	8.9	9.2	8.5	8.8	8.5	7.6	6.6	5.7	5.7	5.7							
N	19.8	8.5	7.2	6.2	8.1	8.3	6.9	7.8	8.4	8.0	6.9	7.4	8.2	7.1	7.7	8.0	7.3	7.6	7.6	6.6	5.7	5.7	5.7	5.7							
O	21.3	7.4	6.2	5.2	7.0	7.4	5.9	6.8	7.4	7.0	5.9	6.3	7.1	6.0	6.6	6.9	6.3	6.6	6.5	5.7	5.7	5.7	5.7	5.7							
P	22.9	6.5	5.3	4.3	6.1	6.5	5.0	5.9	6.5	6.1	5.0	5.5	6.2	5.2	5.7	6.0	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7							
Q	24.4	5.8	4.6	3.6	5.4	5.7	4.2	5.1	5.7	5.3	4.2	4.7	5.5	4.4	5.0	5.3	4.6	4.9	4.9	4.9	4.9	4.9	4.9	4.9							
R	25.9	5.1	3.9	3.0	4.7	5.1	3.6	4.5	5.0	4.7	3.6	4.0	4.8	3.7	4.3	4.6	4.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3							
S	27.4	4.6	3.4	2.4	4.2	4.5	3.0	3.9	4.5	4.1	3.0	3.5	4.2	3.2	3.7	4.0	3.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7							
T	29.0	4.1	2.9	2.0	3.7	4.0	2.5	3.4	4.0	3.6	2.5	3.0	3.7	2.7	3.2	3.5	2.9	3.2	3.2	3.2	3.2	3.2	3.2	3.2							
U	30.5					3.5	2.1	2.9	3.5	3.1	2.1	2.5	3.3	2.2	2.8	3.1	2.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7							
V	32.0					3.2	1.7	2.5	3.1	2.7	1.7	2.1	2.8	1.8	2.4	2.7	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3							
W	33.5					2.8	1.4	2.2	2.7	2.4	1.3	1.8	2.5	1.5	2.0	2.3	1.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0							
X	35.1																														
Y	36.6																														
Z	38.1																														
AA	39.6																														
AB	41.2																														
AC	42.7																														
AD	44.2																														
AE	45.7																														
AF	47.2																														
AG	48.8																														
AH	50.3																														
AI	51.8																														
AJ	53.3																														
AK	E	22.7	28.9	28.5	27.1	19.6	26.4	23.5	16.5	17.8	21.0	19.9	14.0	16.7	15.5	12.3	13.4	10.9	9.5	8.5	7.6	6.6	5.7	5.7							
AL	F	0	0	0	0	0	0	0	19	19	19	19	7	29	7	21	35	38	43	43	43	43	43	43							
AM	Telescoping condition (%)																														
AN	Tele.1	0	46	92	0	0	92	46	0	46	92	92	0	92	46	46	92	92	100	100	100	100	100	100							
AO	Tele.2	0	46	46	46	0	46	46	46	46	46	92	46	92	92	92	92	92	92	92	92	92	92	92							
AP	Tele.3	46	46	46	46	46	92	46	46	46	46	46	46	92	92	92	92	92	92	92	92	92	92	92							
AQ	Tele.4	92	46	46	46	46	92	46	46	92	46	46	46	92	46	46	46	92	92	92	92	92	92	92							
AR	Tele.5	92	46	46	46	46	92	46	92	92	46	46	92	46	46	46	46	92	92	92	92	92	92	92							
AS	G	4	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4							

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

- A : Boom block
- B : Boom number
- C : Boom length in meter
- D : Load radius in meter
- E : Maximum capacity without boom pin
- F : Minimum boom angle (°) for indicator length (no load)
- G : Number of parts of line

SAE

GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

		COUNTERWEIGHT 19.8t (43,500lbs) ON OUTRIGGER MID EXTEND 5.5m (18' 1/2") SPREAD 360° ROTATION 10.3m (33.8') JIB														
		boom length in meter , Jib Offset angle(°)														
		12.20m (40.0') boom			32.5m (106.5') boom			48.7m (159.6') boom			52.7m (172.9') boom			56.0m (183.7') boom		
Load radius in meter		5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°
7.6		12.9	10.1	8.0	13.4											
9.1		11.2	9.1	7.4	13.4	10.9										
10.7		9.8	8.2	6.9	13.1	10.2										
12.2		8.8	7.5	6.5	12.5	9.6	7.2									
13.7		7.9	7.0	6.2	11.9	9.0	7.0	6.7								
15.2		7.2	6.5	5.9	11.3	8.5	6.7	6.7	6.7		5.6					
16.8		6.6	6.1	5.7	10.5	8.1	6.5	6.7	6.7		5.6	5.6		5.0	5.0	
18.3		6.1	5.8		9.4	7.7	6.3	6.7	6.7	6.6	5.6	5.6		5.0	5.0	
19.8		5.7			8.1	7.4	6.1	6.7	6.7	6.4	5.6	5.6	5.6	5.0	5.0	5.0
21.3					7.1	7.1	5.9	6.7	6.7	6.2	5.6	5.6	5.6	5.0	5.0	5.0
22.9					6.2	6.6	5.8	5.8	6.3	6.1	5.6	5.6	5.6	5.0	5.0	5.0
24.4					5.4	5.8	5.6	5.1	5.5	5.9	5.3	5.6	5.5	5.0	5.0	5.0
25.9					4.7	5.1	5.4	4.4	4.8	5.3	4.6	5.0	5.3	4.5	4.9	5.0
27.4					4.2	4.4	4.7	3.8	4.2	4.6	4.0	4.4	4.8	3.9	4.3	4.8
29.0					3.6	3.9	4.1	3.3	3.6	4.0	3.5	3.8	4.2	3.4	3.8	4.2
30.5					3.2	3.4	3.6	2.8	3.2	3.5	3.0	3.3	3.7	3.0	3.3	3.7
32.0					2.8	3.0	3.1	2.4	2.7	3.0	2.6	2.9	3.2	2.6	2.9	3.2
33.5					2.4	2.6		2.0	2.3	2.6	2.2	2.5	2.8	2.2	2.5	2.8
35.1					2.1	2.2		1.7	2.0	2.2	1.9	2.2	2.4	1.8	2.1	2.4
36.6					1.8	1.9		1.4	1.6	1.9	1.6	1.8	2.1	1.5	1.8	2.0
38.1					1.5	1.6		1.1	1.4	1.6	1.3	1.5	1.7	1.3	1.5	1.7
39.6					1.3			0.9	1.1	1.3	1.0	1.3	1.5	1.0	1.2	1.4
41.2								0.6	0.8	1.0	0.8	1.0	1.2	0.8	1.0	1.2
42.7									0.6	0.7	0.6	0.8	0.9		0.7	0.9
44.2										0.5			0.7			
45.7																
47.2																
48.8																
50.3																
51.8																
53.3																
54.9																
56.4																
57.9																
59.4																
61.0																
62.5																
Telescoping condition (%)																
Tele.1		0			46			92			92			100		
Tele.2		0			46			92			92			100		
Tele.3		0			46			92			92			100		
Tele.4		0			46			92			92			100		
Tele.5		0			46			46			92			100		
A		1			2			7			1			8		
G		2 or 1(*)			2 or 1(*)			1			1			1		

*The lifting capacity of single line is 7,200 kg (15,900lbs).

A :Boom block

G :Number of parts of line

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

SAE

GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

		COUNTERWEIGHT 19.8t (43,500lbs) ON OUTRIGGER MID EXTEND 5.5m (18' 1/2") SPREAD 360° ROTATION 59.1' (18.0m) JIB														
		boom length in meter , Jib Offset angle(°)														
Load radius in meter	12.20m (40.0') boom			32.5m (106.5') boom			48.7m (159.6') boom			52.7m (172.9') boom			56.0m (183.7') boom			
	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	5.0°	20.0°	40.0°	
7.6	5.7															
9.1	5.7			5.7												
10.7	5.7	5.7		5.7												
12.2	5.7	5.3		5.7												
13.7	5.7	4.9		5.7	5.4											
15.2	5.2	4.5	3.9	5.7	5.2		4.1									
16.8	4.8	4.2	3.6	5.7	5.0		4.1			3.6						
18.3	4.4	3.9	3.4	5.7	4.8	3.7	4.1			3.6			3.4			
19.8	4.1	3.7	3.3	5.5	4.5	3.6	4.1	4.1		3.6			3.4			
21.3	3.8	3.4	3.1	5.3	4.3	3.5	4.1	4.1		3.6	3.6		3.4			
22.9	3.5	3.3	3.0	5.1	4.2	3.4	4.1	4.1		3.6	3.6		3.4	3.4		
24.4	3.3	3.1	2.9	4.9	4.0	3.3	4.1	4.0	3.3	3.6	3.6		3.4	3.4		
25.9	3.1	3.0		4.7	3.8	3.2	4.1	3.9	3.3	3.6	3.6	3.2	3.4	3.4		
27.4	3.0	2.9		4.5	3.7	3.1	4.1	3.8	3.2	3.6	3.6	3.1	3.4	3.4	3.1	
29.0				4.3	3.6	3.0	3.7	3.7	3.1	3.6	3.6	3.1	3.4	3.4	3.0	
30.5				3.8	3.4	3.0	3.3	3.6	3.0	3.4	3.5	3.0	3.3	3.4	3.0	
32.0				3.4	3.3	2.9	2.8	3.4	3.0	3.0	3.4	3.0	2.9	3.4	2.9	
33.5				3.0	3.2	2.8	2.5	3.0	2.9	2.6	3.1	2.9	2.5	3.0	2.9	
35.1				2.7	3.0	2.8	2.1	2.6	2.9	2.2	2.7	2.8	2.2	2.6	2.8	
36.6				2.4	2.7	2.7	1.8	2.2	2.7	1.9	2.3	2.8	1.8	2.3	2.8	
38.1				2.1	2.4	2.6	1.5	1.9	2.3	1.6	2.0	2.5	1.6	2.0	2.4	
39.6				1.8	2.1	2.3	1.3	1.6	2.0	1.4	1.8	2.2	1.3	1.7	2.1	
41.2				1.6	1.8		1.0	1.4	1.7	1.1	1.5	1.9	1.1	1.4	1.8	
42.7				1.4	1.5		0.8	1.1	1.5	0.9	1.2	1.6		1.2	1.6	
44.2				1.2	1.3			0.9	1.2		1.0	1.3		1.0	1.3	
45.7				1.0	1.1			0.7	1.0		0.8	1.1			1.1	
47.2				0.8					0.7			0.9				
48.8																
50.3																
51.8																
53.3																
54.9																
56.4																
57.9																
59.4																
61.0																
62.5																
Telescoping condition (%)																
Tele.1	0			46			92			92			100			
Tele.2	0			46			92			92			100			
Tele.3	0			46			92			92			100			
Tele.4	0			46			92			92			100			
Tele.5	0			46			46			92			100			
A	1			2			7			1			8			
G	1			1			1			1			1			

A :Boom block

G :Number of parts of line

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

SAE



COUNTERWEIGHT 19.8t (43,500lbs)

ON OUTRIGGER MIN EXTEND 2.9m (9' 6 3/16") SPREAD

360° ROTATION

	20.3m (66.6')																24.4m (79.9')				28.4m (93.2')			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
C	12.2m (40.0')	16.3m (53.3')	17.4m (57.1')	18.3m (60.1')	19.3m (63.3')	20.3m (66.6')	21.3m (69.9')	22.3m (73.1')	23.3m (76.4')	24.3m (79.7')	25.3m (82.9')	26.3m (86.2')	27.3m (89.5')	28.3m (92.7')	29.3m (96.0')	30.3m (99.2')	31.3m (102.5')	32.3m (105.7')	33.3m (109.0')	34.3m (112.2')	35.3m (115.5')	36.3m (118.7')	37.3m (122.0')	38.3m (125.2')
D	2.4	3.1	3.7	4.6	6.1	7.6	9.1	10.7	12.2	13.5	14.4	15.1	15.7	16.3	16.8	17.3	17.7	18.1	18.5	18.9	19.3	19.7	20.1	20.5
E	24.4	18.3	16.9	17.4	14.4	19.3	16.8	17.7	15.2	14.7	12.6	13.8	15.3	14.6	12.4	13.5	12.4	13.5	12.4	13.5	12.4	13.5	12.4	13.5
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Telescoping condition (%)																								
Tele.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tele.2	0	0	46	0	0	0	46	0	0	46	0	0	46	0	0	46	0	0	46	0	0	46	0	0
Tele.3	0	0	0	0	46	0	0	0	46	0	0	0	46	0	0	46	0	0	46	0	0	46	0	0
Tele.4	0	0	0	0	0	0	46	0	0	0	46	0	0	0	46	0	0	0	46	0	0	46	0	0
Tele.5	0	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

A : Boom block

B : Boom number

C : Boom length in meter

D : Load radius in meter

E : Maximum capacity without boom pin

F : Minimum boom angle (°) for indicator length (no load)

G : Number of parts of line

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

SAE



WITHOUT COUNTERWEIGHT ON OUTRIGGER FULLY EXTEND 7.8m (25'7") SPREAD 360° ROTATION																							
A		1	2	9	10	1	3	2	12	9	27	10	29	4	13	30	11	1	2	14	10	31	11
B		1			28												32	5					33
C D	12.2m (40.0')	16.3m (53.3')				20.3m (66.6')				24.4m (79.9')				28.4m (93.2')									
	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	
2.4																							
3.1																							
3.7																							
4.6																							
6.1																							
7.6																							
9.1	21.1	23.3	21.4	22.1	24.3	24.3	21.1	22.2	18.4	24.5	21.8	23.3	15.5	24.2	21.2	22.8	16.8	12.8	10.1	8.1	6.9	5.4	6.5
10.7		17.0	15.4	16.0	17.8	18.1	15.2	16.2	16.5	18.2	15.8	17.2	13.8	18.0	15.3	16.8	12.8	10.1	8.1	6.9	5.4	6.5	
12.2		13.0	11.5	12.1	14.0	14.0	11.4	12.4	14.8	14.3	12.0	13.3	12.5	14.0	11.5	12.8	10.1	8.1	6.9	5.4	6.5	5.3	
13.7					11.2	11.2	8.7	9.6	12.0	11.4	9.3	10.5	11.4	11.2	8.8	10.1	8.1	6.9	5.4	6.5	5.3	4.2	
15.2					9.0	9.0	6.7	7.5	9.8	9.3	7.3	8.5	9.9	9.2	6.9	8.1	6.9	5.4	6.5	5.3	4.2	5.3	
16.8					7.4	7.4	5.2	6.0	8.2	7.7	5.7	6.8	8.3	7.6	5.4	6.5	5.3	4.2	5.3	4.2	3.1	4.2	
18.3									6.9	6.4	4.5	5.5	7.0	6.3	4.2	5.3	4.2	3.1	4.2	3.1	2.4	3.4	
19.8									5.9	5.4	3.5	4.5	5.9	5.2	3.1	4.2	3.1	2.4	3.4	2.4	1.6	2.7	
21.3									5.0	4.5	2.7	3.7	5.1	4.3	3.6	2.7	2.1						
22.9																							
24.4																							
25.9																							
E	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	
F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0	
Telescoping condition (%)																							
Tele.1	0	0	0	0	0	0	0	0	0	0	46	0	0	0	0	46	0	0	0	0	92	46	
Tele.2	0	0	46	0	0	0	0	0	0	0	46	46	0	0	0	46	46	0	46	46	46	46	
Tele.3	0	0	0	46	0	0	0	0	0	0	0	46	46	0	46	46	46	0	46	46	46	46	
Tele.4	0	0	0	0	0	0	46	0	0	46	0	0	46	46	0	46	46	92	46	46	0	46	
Tele.5	0	46	0	0	0	92	46	0	0	0	0	0	0	0	0	46	46	0	46	46	0	0	
G	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

- A : Boom block
- B : Boom number
- C : Boom length in meter
- D : Load radius in meter
- E : Maximum capacity without boom pin
- F : Minimum boom angle (°) for indicator length (no load)
- G : Number of parts of line

SAE

GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

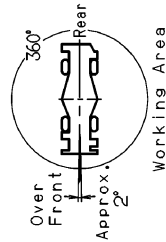
ON RUBBER STATIONARY COUNTERWEIGHT 19.8t (43,500lbs)												
Over Front						360° Rotation						
A	1	1	1	1	1	A	1	1	1	1	1	1
B	1	2	3	4	5	B	1	2	3	4	5	
C	12.2m (40.0')	16.3m (53.3')	20.3m (66.6')	24.4m (79.9')	28.4m (93.2')	C	12.2m (40.0')	16.3m (53.3')	20.3m (66.6')	24.4m (79.9')	28.4m (93.2')	
D	2.4	2.4	2.4	2.4	2.4	D	2.4	2.4	2.4	2.4	2.4	
	3.1	29.9	29.9	29.9	29.9		3.1					
	3.7	29.9	29.9	29.9	29.9		3.7					
	4.6	26.3	27.3	27.8	25.8		4.6					
	6.1	20.3	21.4	21.9	22.4		6.1					
	7.6	16.1	17.2	17.8	18.3		7.6	10.0				
	9.1	12.9	14.1	14.7	15.2		9.1	7.3	8.7			
	10.7		11.6	12.3	12.9		10.7		6.5	7.2		
	12.2		9.7	10.4	11.0		12.2		4.9	5.6		
	13.7			8.9	9.5		13.7			4.4	5.0	5.1
	15.2			7.6	8.2		15.2			3.4	4.0	4.1
	16.8			6.4	7.0		16.8				3.3	3.4
	18.3				6.0		18.3				2.6	2.7
	19.8				5.2		19.8				1.8	2.2
	21.3				4.5		21.3					1.7
	22.9						22.9					
	24.4						24.4					
	25.9						25.9					
F	0	0	0	0	0	F	0	0	30	34	36	
Telescoping condition (%)						Telescoping condition (%)						
Tele.1	0	0	0	0	0	Tele.1	0	0	0	0	0	0
Tele.2	0	0	0	0	0	Tele.2	0	0	0	0	0	0
Tele.3	0	0	0	0	0	Tele.3	0	0	0	0	0	0
Tele.4	0	0	0	0	46	Tele.4	0	0	0	46	92	92
Tele.5	0	46	92	92	92	Tele.5	0	46	92	92	92	92
G	6	6	6	6	4	G	4	4	4	4	4	4

ON RUBBER CREEP COUNTERWEIGHT 19.8t (43,500lbs)												
Over Front						Telescoping condition (%)						
A	1	1	1	1	1	A	1	1	1	1	1	1
B	1	2	3	4	5	B	1	2	3	4	5	
C	12.2m (40.0')	16.3m (53.3')	20.3m (66.6')	24.4m (79.9')	28.4m (93.2')	C	12.2m (40.0')	16.3m (53.3')	20.3m (66.6')	24.4m (79.9')	28.4m (93.2')	
D	2.4	2.4	2.4	2.4	2.4	D	2.4	2.4	2.4	2.4	2.4	
	3.1	25.0	25.0	25.0	25.0		3.1	25.0	25.0	25.0	25.0	
	3.7	22.4	23.4	24.0	24.5		3.7	22.4	23.4	24.0	24.5	23.3
	4.6	18.6	19.6	20.3	20.8		4.6	18.6	19.6	20.3	20.8	20.9
	6.1	13.9	15.0	15.7	16.2		6.1	13.9	15.0	15.7	16.2	16.3
	7.6	10.7	11.8	12.5	13.0		7.6	10.7	11.8	12.5	13.0	13.1
	9.1	8.2	9.4	10.1	10.7		9.1	8.2	9.4	10.1	10.7	10.8
	10.7		7.5	8.2	8.8		10.7		7.5	8.2	8.8	8.9
	12.2		6.1	6.8	7.4		12.2		6.1	6.8	7.4	7.5
	13.7			5.6	6.2		13.7			5.6	6.2	6.3
	15.2			4.6	5.2		15.2			4.6	5.2	5.3
	16.8			3.8	4.4		16.8			3.8	4.4	4.5
	18.3				3.7		18.3				3.7	3.8
	19.8				3.1		19.8				3.1	3.2
	21.3				2.6		21.3				2.6	2.7
	22.9						22.9					2.2
	24.4						24.4					1.8
	25.9						25.9					
F	0	0	0	0	0	F	0	0	0	0	0	0
Telescoping condition (%)						Telescoping condition (%)						
Tele.1	0	0	0	0	0	Tele.1	0	0	0	0	0	0
Tele.2	0	0	0	0	0	Tele.2	0	0	0	0	0	0
Tele.3	0	0	0	0	0	Tele.3	0	0	0	0	0	0
Tele.4	0	0	0	0	46	Tele.4	0	0	0	0	46	92
Tele.5	0	46	92	92	92	Tele.5	0	46	92	92	92	92
G	4	4	4	4	4	G	4	4	4	4	4	4

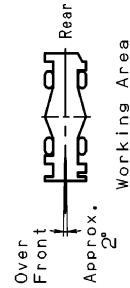
NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

- A :Boom block
B :Boom number
C :Boom length in meter
D :Load radius in meter
F :Minimum boom angle (°) for indicator length (no load)
G :Number of parts of line

ON RUBBER STATIONARY



ON RUBBER CREEP



GR-1300XL-4 RATED LIFTING CAPACITIES (IN METRIC TON)

SAE

ON RUBBER STATIONARY WITHOUT COUNTERWEIGHT															
Over Front								360° Rotation							
A	1	1	1	1	1	1	1	A	1	1	1	1	1	1	1
B	1	2	3	4	5			B	1	2	3	4	5		
C	12.2m (40.0')	16.3m (53.3')	20.3m (66.6')	24.4m (79.9')	28.4m (93.2')			C	12.2m (40.0')	16.3m (53.3')	20.3m (66.6')	24.4m (79.9')	28.4m (93.2')		
D	2.4	20.0	20.0	20.0				D	2.4	15.0	15.0	15.0			
	3.1	20.0	20.0	20.0					3.1	15.0	15.0	15.0	15.0		
	3.7	19.0	20.0	20.0	20.0				3.7	12.3	14.0	15.0	15.0	15.0	
	4.6	15.6	16.6	17.1	17.6	17.6			4.6	7.5	9.0	10.0	10.8	10.9	
	6.1	11.5	12.5	13.2	13.6	13.7			6.1	3.3	4.6	5.5	6.2	6.4	
	7.6	7.1	8.6	9.5	10.3	10.5			7.6	1.0	2.4	3.1	3.8	4.0	
	9.1	4.3	5.7	6.6	7.3	7.5			9.1		0.9	1.7	2.3	2.5	
	10.7		3.8	4.6	5.3	5.5			10.7				1.3	1.4	
	12.2		2.5	3.3	3.9	4.1			12.2						
	13.7			2.3	2.9	3.0			13.7						
	15.2			1.5	2.1	2.2			15.2						
	16.8				1.5	1.6			16.8						
	18.3					1.1			18.3						
	19.8								19.8						
	21.3								21.3						
	22.9								22.9						
	24.4								24.4						
	25.9								25.9						
F	0	28	30	31	44			F	37	47	58	59	64		
Telescoping condition (%)								Telescoping condition (%)							
Tele.1	0	0	0	0	0			Tele.1	0	0	0	0	0		
Tele.2	0	0	0	0	0			Tele.2	0	0	0	0	0		
Tele.3	0	0	0	0	0			Tele.3	0	0	0	0	0		
Tele.4	0	0	0	46	92			Tele.4	0	0	0	46	92		
Tele.5	0	46	92	92	92			Tele.5	0	46	92	92	92		
G	4	4	4	4	4			G	4	4	4	4	4		

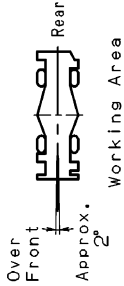
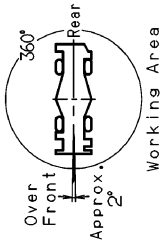
ON RUBBER CREEP WITHOUT COUNTERWEIGHT															
Over Front								Telescoping condition (%)							
A	1	1	1	1	1	1	1	A	1	2	3	4	5		
B	1	2	3	4	5			B	1	2	3	4	5		
C	12.2m (40.0')	16.3m (53.3')	20.3m (66.6')	24.4m (79.9')	28.4m (93.2')			C	12.2m (40.0')	16.3m (53.3')	20.3m (66.6')	24.4m (79.9')	28.4m (93.2')		
D	2.4	20.0	20.0	20.0				D	2.4	20.0	20.0	20.0			
	3.1	20.0	20.0	20.0	20.0				3.1	20.0	20.0	20.0	20.0		
	3.7	19.0	20.0	20.0	20.0	20.0			3.7	19.0	20.0	20.0	20.0	20.0	
	4.6	15.6	16.6	17.1	17.6	17.6			4.6	15.6	16.6	17.1	17.6	17.6	
	6.1	11.5	12.5	13.2	13.6	13.7			6.1	11.5	12.5	13.2	13.6	13.7	
	7.6	7.1	8.6	9.5	10.3	10.5			7.6	7.1	8.6	9.5	10.3	10.5	
	9.1	4.3	5.7	6.6	7.3	7.5			9.1	4.3	5.7	6.6	7.3	7.5	
	10.7		3.8	4.6	5.3	5.5			10.7		3.8	4.6	5.3	5.5	
	12.2		2.5	3.3	3.9	4.1			12.2		2.5	3.3	3.9	4.1	
	13.7			2.3	2.9	3.0			13.7			2.3	2.9	3.0	
	15.2			1.5	2.1	2.2			15.2			1.5	2.1	2.2	
	16.8				1.5	1.6			16.8				1.5	1.6	
	18.3					1.1			18.3					1.0	1.1
	19.8								19.8						
	21.3								21.3						
	22.9								22.9						
	24.4								24.4						
	25.9								25.9						
F	0	28	30	31	44			F	0	28	30	31	44		
Telescoping condition (%)								Telescoping condition (%)							
Tele.1	0	0	0	0	0			Tele.1	0	0	0	0	0		
Tele.2	0	0	0	0	0			Tele.2	0	0	0	0	0		
Tele.3	0	0	0	0	0			Tele.3	0	0	0	0	0		
Tele.4	0	0	0	46	92			Tele.4	0	0	0	46	92		
Tele.5	0	46	92	92	92			Tele.5	0	46	92	92	92		
G	4	4	4	4	4			G	4	4	4	4	4		

NOTE: The lifting capacity data stored in the LOAD MOMENT INDICATOR (AML-E2) is based on the standard number of parts of line listed in the chart.

- A :Boom block
B :Boom number
C :Boom length in meter
D :Load radius in meter
F :Minimum boom angle (°) for indicator length (no load)
G :Number of parts of line

ON RUBBER CREEP

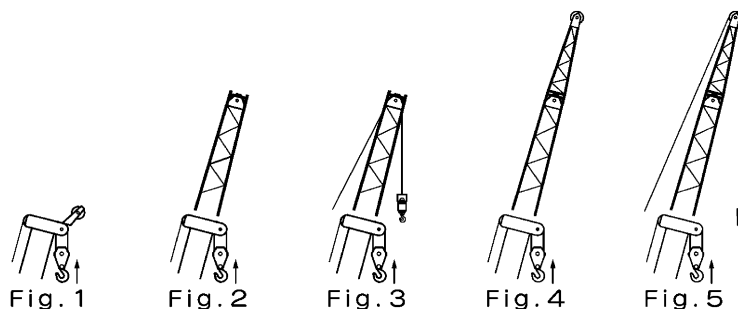
ON RUBBER STATIONARY



WEIGHT REDUCTIONS FOR AUXILIARY LOAD HANDLING EQUIPMENT

Load Handling Equipment														
100ton, 7 Sheave Hook Block(See Hook Block for actual weight)										820 (kg)		0 (kg)		
Aux.Hook(See Hook for actual weight)										170 (kg)				
Lifting from Main Boom with														
Base and/or Top Jib stowed on base boom										0 (kg)				
Single Top stowed on top boom										0 (kg)				
Single Top erected but not used										0 (kg)				
10.3m(33.8') Base Jib erected but not used														
Boom Length		12.2m	16.3m			20.3m			24.4m			28.4m		
Boom Block	1	1	9	10	1	2	9	10	1	2	10	11	Fig.2	
	2	2	26	28	3	12	27	29	4	13	30	32		
Boom Number		20,600	9,400	15,500	9,400	9,400	15,600	15,500	8,600	9,300	15,500	9,400		9,400
Boom Length		32.5m		36.5m		36.5m		40.6m		40.6m		48.7m		52.7m
Boom Block	1	2	11	3	1	2	3	1	4	5	3	1	7	8
	6	15	34	17	7	16	18	8	20	21	19	9	24	25
Boom Number		6,700	8,900	9,500	7,700	6,100	7,700	7,000	5,500	5,800	6,300	5,000	4,600	4,100
10.3m(33.8') Base Jib erected but not used + Aux. Hook on Top Jib														
Boom Length		12.2m	16.3m			20.3m			24.4m			28.4m		
Boom Block	1	1	9	10	1	2	9	10	1	2	10	11	Fig.3	
	2	2	26	28	3	12	27	29	4	13	30	32		
Boom Number		21,000	9,900	16,000	15,900	9,800	9,800	16,000	15,900	9,000	9,700	15,900		9,800
Boom Length		32.5m		36.5m		36.5m		40.6m		40.6m		48.7m		52.7m
Boom Block	1	2	11	3	1	2	3	1	4	5	3	1	7	8
	6	15	34	17	7	16	18	8	20	21	19	9	24	25
Boom Number		7,000	9,300	9,900	8,000	6,400	8,000	7,300	5,800	6,100	6,900	5,300	4,700	4,400
18.0m(59.1') Base and Top Jib erected but not used														
Boom Length		12.2m	16.3m			20.3m			24.4m			28.4m		
Boom Block	1	1	9	10	1	2	9	10	1	2	10	11	Fig.4	
	2	2	26	28	3	12	27	29	4	13	30	32		
Boom Number		21,600	10,500	16,600	16,500	10,400	10,400	16,600	16,500	9,500	10,300	16,500		10,400
Boom Length		32.5m		36.5m		36.5m		40.6m		40.6m		48.7m		52.7m
Boom Block	1	2	11	3	1	2	3	1	4	5	3	1	7	8
	6	15	34	17	7	16	18	8	20	21	19	9	24	25
Boom Number		7,500	9,800	10,300	8,500	6,800	8,400	7,700	6,100	6,500	7,300	5,700	5,000	4,700
18.0m(59.1') Base and Top Jib erected but not used + Aux. Hook on Top Jib														
Boom Length		12.2m	16.3m			20.3m			24.4m			28.4m		
Boom Block	1	1	9	10	1	2	9	10	1	2	10	11	Fig.5	
	2	2	26	28	3	12	27	29	4	13	30	32		
Boom Number		22,300	11,100	17,200	17,200	11,000	11,000	17,300	17,200	10,200	10,900	17,100		11,000
Boom Length		32.5m		36.5m		36.5m		40.6m		40.6m		48.7m		52.7m
Boom Block	1	2	11	3	1	2	3	1	4	5	3	1	7	8
	6	15	34	17	7	16	18	8	20	21	19	9	24	25
Boom Number		8,000	10,300	10,900	9,000	7,300	8,900	8,200	6,600	6,900	7,700	7,400	6,100	5,500
												5,700	6,000	5,100
Lifting from 10.3m(33.8') Base Jib with														
7.7m(25.3') Top Jib erected but not used														
7.7m(25.3') Top Jib stowed on 10.3m(33.8') Base Jib														
Prohibited														
Prohibited														

#1



Notes for general information

*Capacity deductions are for TADANO supplied equipment only.

*When lifting from Jib, deduct total weight of all load handling devices reeved on Main Boom nose directly from Jib capacity. (#2)

#1. Correct state of Jib, mounted or dismounted, should be inputted into the LOAD MOMENT INDICATOR(AML-E2) by Jib state key switch.

#2. The winch which is lifting load should be defined in the LOAD MOMENT INDICATOR(AML-E2) by main winch/auxiliary winch selector switch.

Notes for boom lift

The rated lifting capacity values for boom lift assume that the jib is stowed onto the specified position and the main winch is used.

If boom lift is performed while the jib is mounted onto the boom head (Fig. 2 to Fig. 5), crane operation is allowed only when both the outrigger extension width is 5.50m (18' $\frac{1}{2}$ ") or over, and the counterweight mass is 19.8t (43,500lbs).

A precautionary alarm is output when the moment load ratio reaches 70%, and a limit alarm is output when the moment reaches 80%.

When the extension width of even one of the outriggers is 2.9m (9' $6\frac{3}{16}$ "), or the counterweight mass is 0 t (0 lbs), crane operation is not allowed because of a lack of capacity.

Notes for single top lift or jib lift

The rated lifting capacity values for single top lift or jib lift assume that the main winch is used.

If you use the auxiliary winch for jib lift or single top lift, deduct the mass of the main hook block from the rated lifting capacity values. (#2)

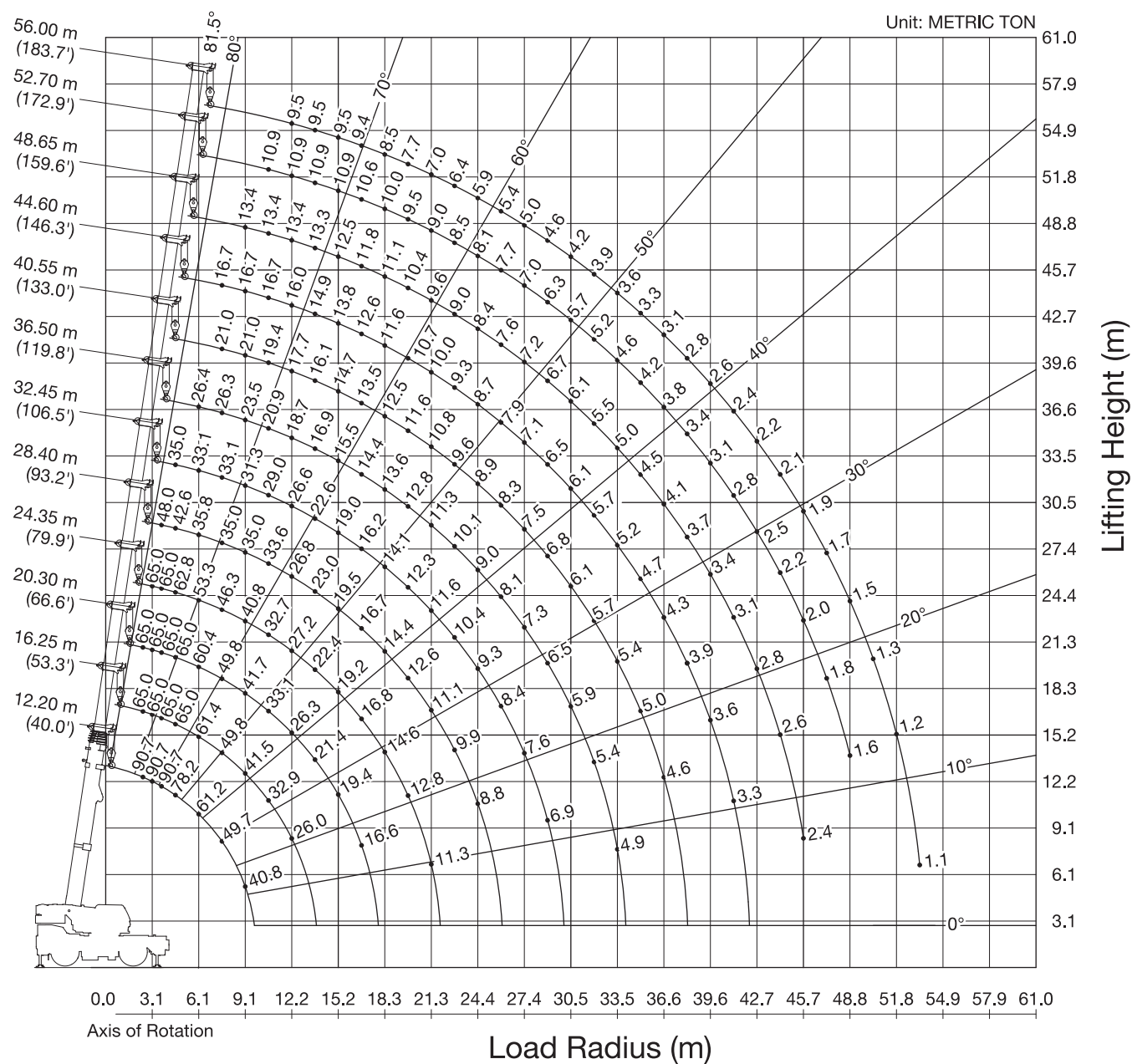
HOISTING PERFORMANCE

Main or auxiliary hoist 0.382m (15") drum 19mm (³ / ₄ ") wire rope				
Layer	Line pulls		drum grooved lagging	
	Available		Total wire rope	
	Low			
	kgf	Lbs.	Meter	Feet
1st	9,900	21,800	44.8	147.0
2nd	9,010	19,900	93.4	306.4
3rd	8,270	18,200	145.9	478.7
4th	7,640	16,800	202.2	663.4
5th	7,090	15,600	262.3	860.6
6th	6,620	14,600	326.2	1070.2
7th ¹	6,210	13,700	393.9	1292.3

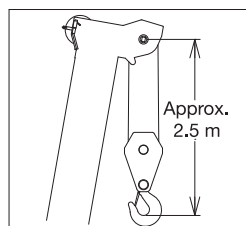
¹7th layer of wire rope is not recommended for hoisting operations.

GR-1300XL-4 WORKING RANGE CHART

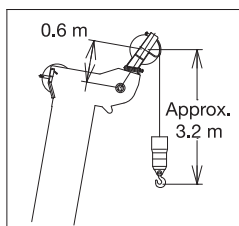
360° ROTATION



BOOM



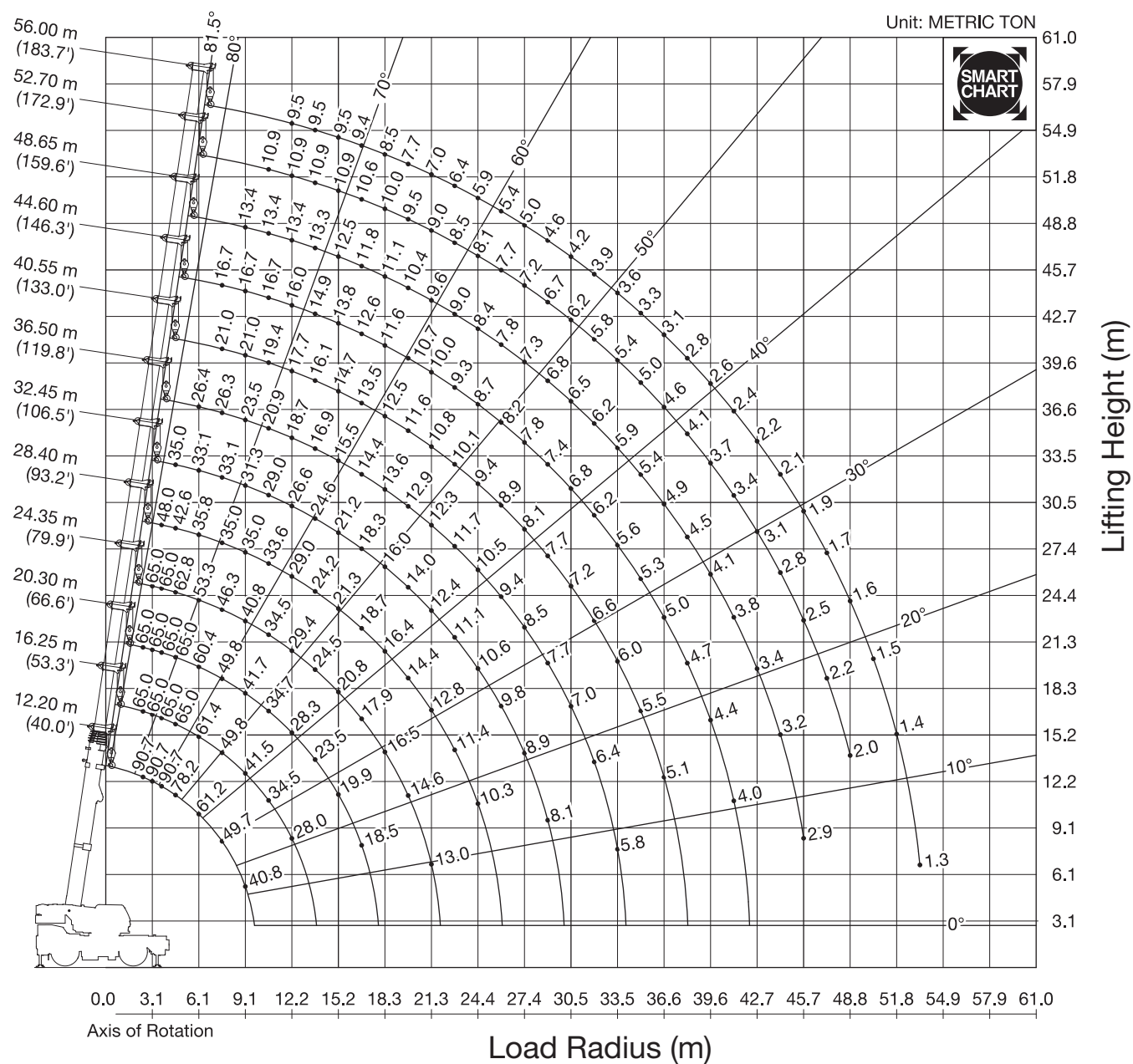
SINGLE TOP



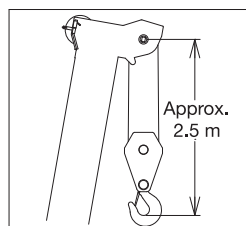
NOTE: Boom geometry shown are for unloaded condition and machine standing level on firm supporting surface. Boom deflection and subsequent radius and boom angle change must be accounted for when applying load to hook.

GR-1300XL-4 WORKING RANGE CHART

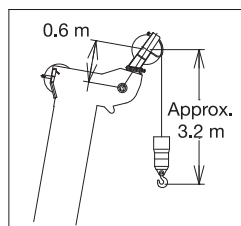
SMART CHART



BOOM

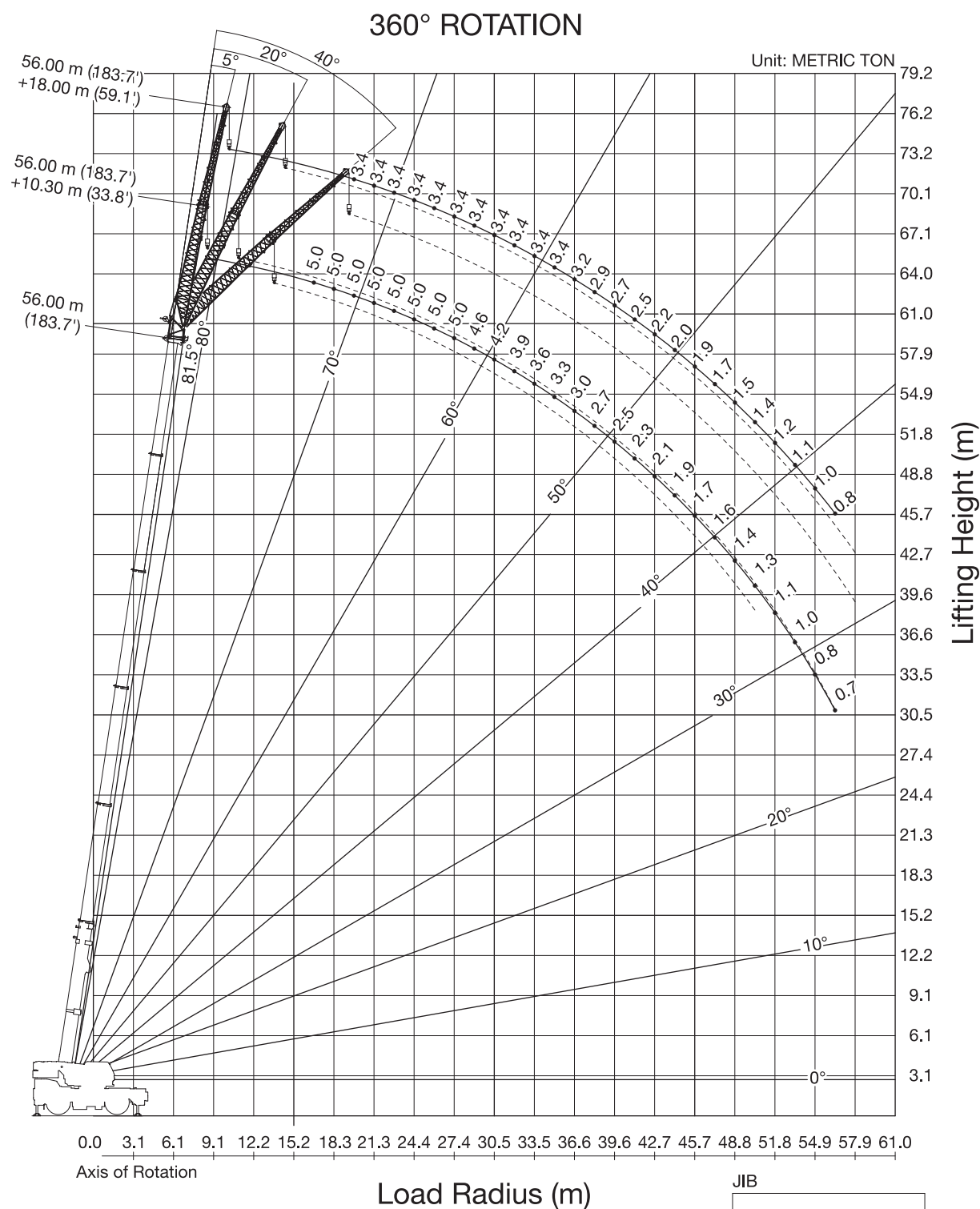


SINGLE TOP



NOTE: Boom geometry shown are for unloaded condition and machine standing level on firm supporting surface. Boom deflection and subsequent radius and boom angle change must be accounted for when applying load to hook.

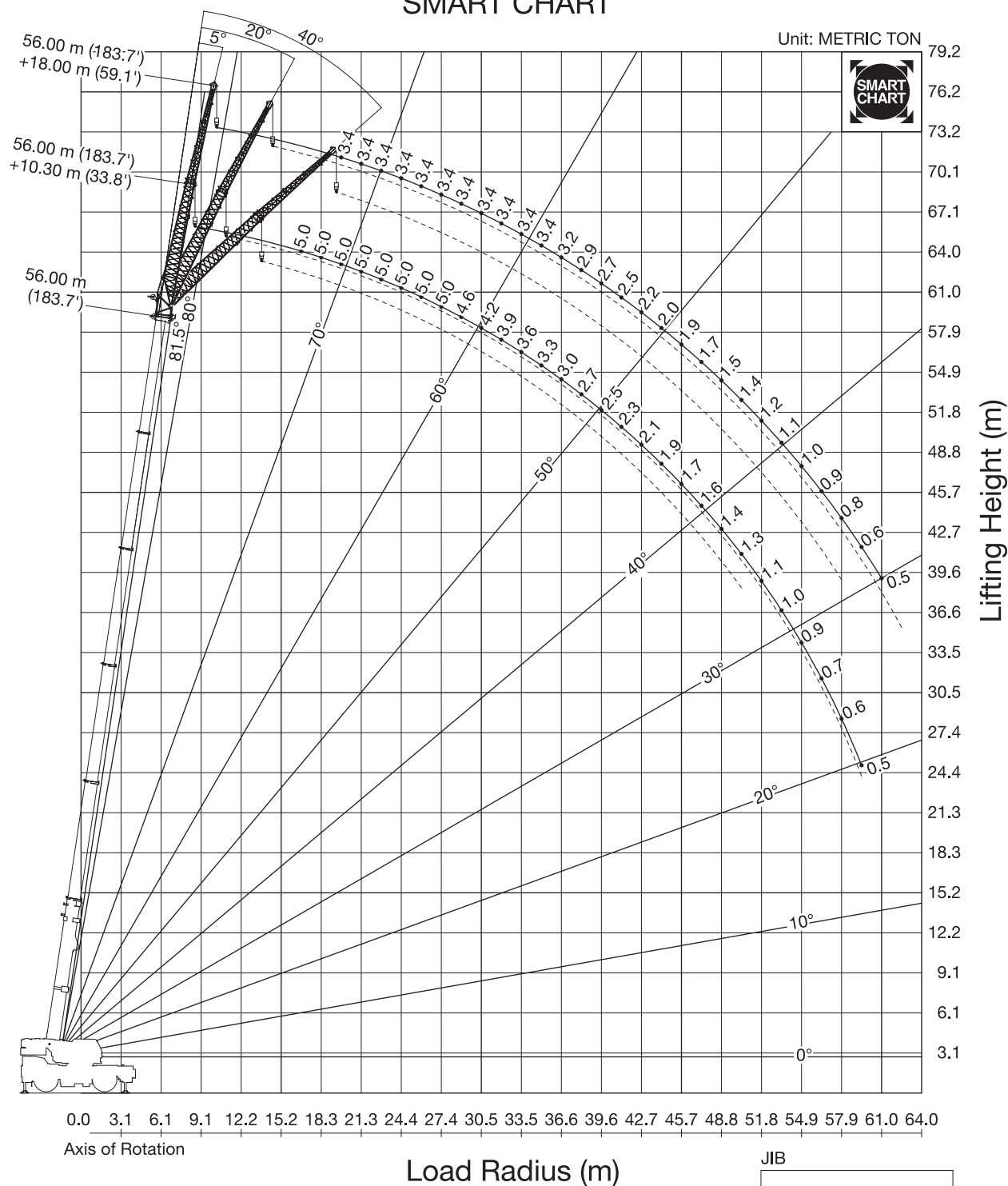
GR-1300XL-4 WORKING RANGE CHART



NOTE: Jib geometry shown are for unloaded condition and machine standing level on firm supporting surface. Boom deflection and subsequent radius and boom angle change must be accounted for when applying load to hook.

GR-1300XL-4 WORKING RANGE CHART

SMART CHART

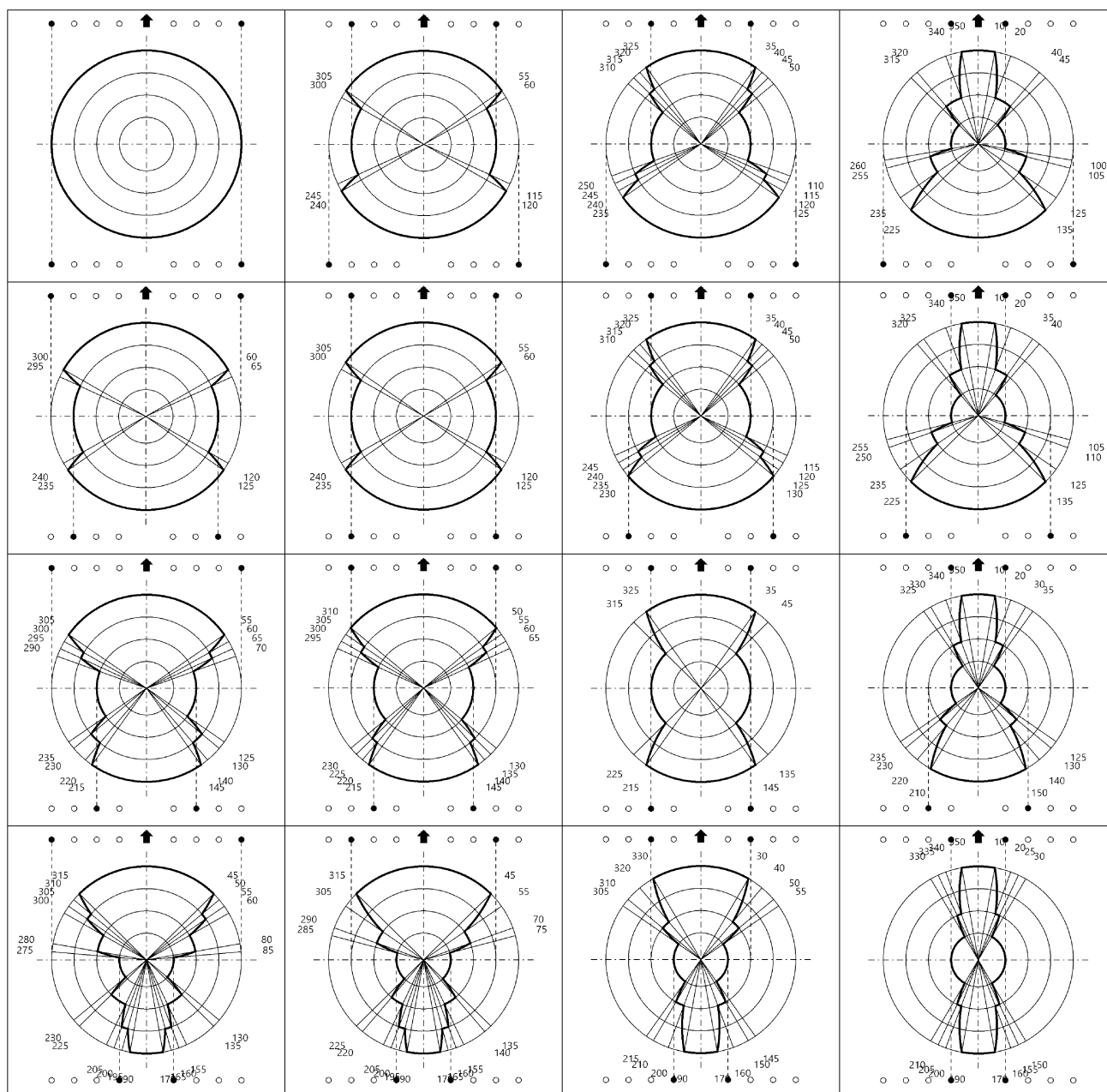


NOTE: Jib geometry shown are for unloaded condition and machine standing level on firm supporting surface. Boom deflection and subsequent radius and boom angle change must be accounted for when applying load to hook.

GR-1300XL-4

EXTENSION WIDTH OF OUTRIGGER AND WORKING AREA

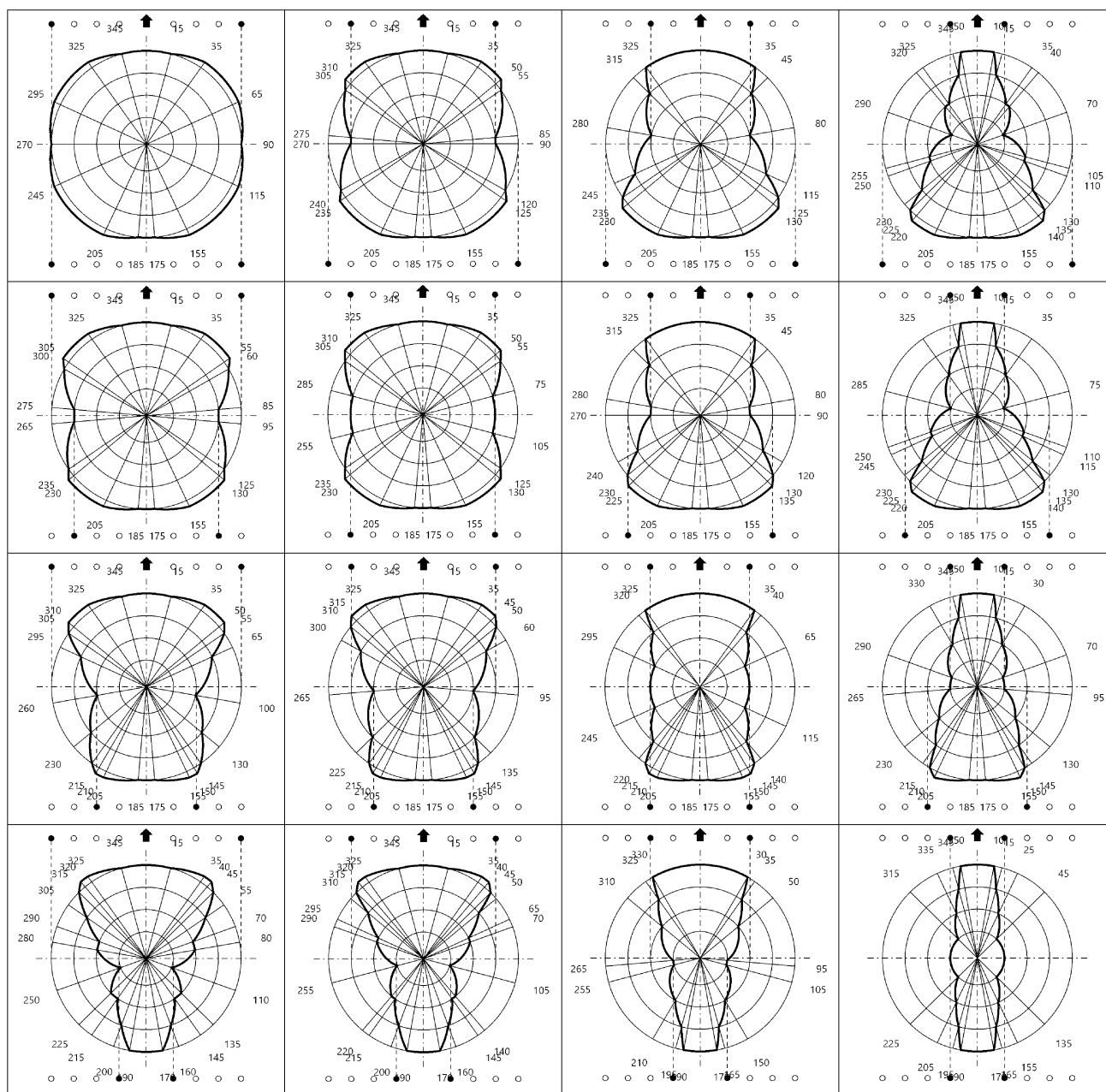
360° ROTATION



GR-1300XL-4

EXTENSION WIDTH OF OUTRIGGER AND WORKING AREA

SMART CHART



WARNING AND OPERATING INSTRUCTIONS (I)

NOTES FOR LIFTING CAPACITIES

GENERAL

1. RATED LIFTING CAPACITIES apply only to the machine as originally manufactured and normally equipped by TADANO LTD. Modifications to the machine or use of optional equipment other than that specified can result in a reduction of capacity.
2. Hydraulic cranes can be hazardous if improperly operated or maintained. Operation and maintenance of this machine must be in compliance with information, in the Operation and Maintenance Manual supported with the crane. If this manual is missing, order a replacement through the distributor.
3. The operator and other personnel associated with this machine shall fully acquaint themselves with the latest American National Standards Institute(ANSI) safety standards for cranes.

SET UP

1. Rated lifting capacities on the chart are the maximum allowable crane capacities and are based on the machine standing level on firm supporting surface under ideal job conditions. Depending on the nature of the supporting surface, it may be necessary to have structural supports under the outrigger floats or tires to spread the loads to a larger bearing surface.
2. For outrigger operation, outriggers shall be properly extended with tires free of supporting surface before operating crane.

OPERATION

1. Rated lifting capacities have been tested to and meet minimum requirements of SAE J1063-cantilevered Boom Crane Structures Method of Test.
2. Rated lifting capacities do not exceed 85% of the tipping load on outriggers fully extended as determined by SAE J7 65-Crane Stability Test Code.
Rated lifting capacities for partially extended outriggers are determined from the formula, Rated Lifting Capacities=(Tipping Load-0.1xTip Reaction)/1.25.
3. Rated lifting capacities are based on actual load radius increased by boom deflection.
4. The weight of handling device such as hook blocks, slings, etc., must be considered as part of the load and must be deducted from the lifting capacities.
5. Rated lifting capacities are based on freely suspended loads and make no allowance for such factors as the effect of wind, sudden stopping of loads, supporting surface conditions, inflation of tires, operating speeds, side loads, etc. Side pull on boom or jib is extremely dangerous. Such action can damage the boom, jib or slewing mechanism, and lead to overturning of the crane.
6. Rated lifting capacities do not account for wind on lifted load or boom. We recommend against working under the condition that the load is out of control due to a strong wind. During boom lift, consider that the rated lifting capacity is reduced by 50% when the wind speed is 9m/s (20mph) to 12m/s (27mph) ; reduced by 70% when the wind speed is 12m/s (27mph) to 14m/s (31mph). If the wind speed is 14m/s (31mph) or over, stop operation. During jib lift, stop operation if the wind speed is 9m/s (20mph) or over.
7. Rated lifting capacities at load radius shall not be exceeded. Do not tip the crane to determine allowable loads.
8. Do not operate at boom lengths, radii, or boom angle, where no capacities are shown. Crane may overturn without any load on the hook.
9. When boom length is between values listed, refer to the rated lifting capacities of the next longer and next shorter booms for the same radius. The lesser of the two rated lifting capacities shall be used.
10. When making lifts at a load radius not shown, use the next longer radius to determine allowable capacity.
11. Load per line should not exceed 7,200kg (15,900lbs.) for main winch and auxiliary winch.
12. Check the actual number of parts of line with LOAD MOMENT INDICATOR(AML-E2) before operation. Maximum lifting capacity is restricted by the number of parts of line of LOAD MOMENT INDICATOR(AML-E2). Limited capacity is as determined from the formula, Single line pull for main winch 7,200kg (15,900lbs.) x number of parts of line.
13. The boom angle before loading should be greater to account for deflection. For rated lifting capacities, the loaded boom angle and the load radius is for reference only. The 12.2m (40.0') boom length capacities are based on boom fully retracted.
14. Maximum capacity without boom pin is shown in the chart.
15. Do not operate extension or retraction of the boom with loads. The ability to telescope loads is limited by hydraulic pressure, boom angle, boom length, crane maintenance, etc.
16. For lifting capacity of single top, deduct the weight of the load handling equipment from the rated lifting capacity of the boom. For the lifting capacity of single top, the net capacity shall not exceed 7,200kg (15,900lbs.) including the main boom hook mass attached to the boom.
17. When the base jib or top jib or both jibs are dismounted, set the jib state switch to the DISMOUNTED position.
18. When erecting and stowing jib, be sure to retain it by hand or by other means to prevent its free movement.
19. Use "ANTI-TWOBLOCK" disable switch when erecting and stowing jib and when stowing hook block. While the switch is pushed, the hoist does not stop, even when overwind condition occurs.
20. When lifting a load by using jib (aux.winch) and boom (main winch) simultaneously, do the following:
 - Enter the operation status as jib operation, not as boom operation.
 - Before starting operation, make sure that mass of load is within rated lifting capacity for jib.
21. Crane operation is prohibited without full counterweight 19.8ton (43,500lbs.) mounted. Outriggers shall be extended 7.8m (25'7") spread when mounting or dismounting removable counterweight.

DEFINITIONS

1. Load Radius: Horizontal distance from a projection of the axis of rotation to supporting surface before loading to the center of the vertical hoist line or tackle with load applied.
2. Loaded Boom Angle: The angle between the boom base section and the horizontal, after lifting the rated lifting capacity at the load radius.
3. Working Area: Area measured in a circular arc about the centerline of rotation.
4. Freely Suspended Load: Load hanging free with no direct external force applied except by the hoist line.
5. Side Load: Horizontal side force applied to the lifted load either on the ground or in the air.

WARNING AND OPERATING INSTRUCTIONS (II)

NOTES FOR ON-RUBBER LIFTING CAPACITIES

1. Rated lifting capacities on-rubber are in pounds and do not exceed 75% of tipping loads as determined by SAE J765-Crane Stability Test Code.
2. Rated lifting capacities shown in the chart are based on condition that crane is set on firm level surfaces with suspension-lock applied. They are based on actual load radius increased by tire deformation and boom deflection.
3. If the suspension-lock cylinders contain air, the axle will not be locked completely and rated lifting capacities may not be obtainable. Bleed the cylinders according to the operation safety and maintenance manual.
4. Rated lifting capacities are based on proper tire inflation, capacity and condition. Damaged tires are hazardous to safe operation of crane.
5. Tires shall be inflated to correct air pressure.

Tires	Air Pressure
29.5R25 ☆☆	650 kPa(94psi.).
29.5-25 38PR	600 kPa(87psi.).

6. Over front operation shall be performed within 2° in front of chassis.
7. On-rubber lifting with "jib" is not permitted. Maximum permissible boom length is 28.4m (93.2ft.).
8. When making lift on-rubber stationary, set parking brake.
9. For creep operation, boom must be centered over front of machine, slewing lock engaged, and load restrained from slewing. Travel slowly and keep the lifted load as close to the ground as possible, and especially avoid any abrupt steering, accelerating or braking.
10. Do not operate the crane while carrying the load.
11. Creep is motion for crane not to travel more than 60m (200 ft.) in any 30 minute period and to travel at the speed of less than 1.6km/h (1 mph).
12. For creep operation, choose the drive mode and proper gear according to the road or working condition.

NOTES FOR LOAD MOMENT INDICATOR(AML-E2)

1. Set AML select keys in accordance with the actually operating crane conditions and don't fail to make sure, before crane operation, that the displays on front panel are correct.
2. When operating crane on outriggers:
 - Set "P.T.O." switch to "ON".
 - Press the outrigger state select key to register for the outrigger operation. If the display agrees with the actual state, press the set key to register.

After the completion of the registration, the display returns to the crane operation status.

 - Press the lift state select key to register the lift state to be used (single top/jib/boom).
 - Each time the lift state select key is pressed, the display changes. If the display agrees with the actual state, press the set key to register. After the completion of the registration, the display returns to the crane operation status.
 - When erecting and stowing jib, select the status of jib set (Jib state indicative symbol lights up).
3. When operating crane on-rubber:
 - Set "P.T.O." switch to "ON".
 - Press the outrigger state select key to register for the on-rubber operation. Each time the outrigger state select key is pressed, the display changes. Select the creep operation, the on-rubber state indicator symbol lights up.
 - Press the lift state select key to register the lift state.

However, pay attention to the following.

 - (1) For stationary operation.
 - The front capacities are attainable only when the over front position symbol comes on. When the boom is more than 2° from centered over front of chassis, 360° capacities are in effect.
 - When a load is lifted in the front position and then slewed to the side area, make sure the value of the LOAD MOMENT INDICATOR(AML-E2) is below the 360° lifting capacity.
 - (2) For creep operation.
 - The creep capacities are attainable only when boom is in the straight forward position of chassis and the over front position symbol is on. If boom is not in the straight forward position of chassis, never lift load.
4. This machine is equipped with an automatic slewing stopping device. (For the details, see Operation and Maintenance Manual.) But, operate very carefully because the automatic slewing stop does not work in the following cases.
 - During on-rubber operation.
 - When the "P.T.O." switch is set to "OVERRIDE" and the "OVERRIDE" key switch outside the cab is on.
5. During crane operation, make sure that the displays on front panel are in accordance with actual operating conditions.
6. The displayed values of LOAD MOMENT INDICATOR(AML-E2) are based on freely suspended loads and make no allowance for such factors as the effect of wind, sudden stopping of loads, supporting surface conditions, inflation of tire, operating speed, side loads, etc.

For safe operation, it is recommended when extending and lowering boom or slewing, lifting loads shall be appropriately reduced.
7. LOAD MOMENT INDICATOR(AML-E2) is intended as an aid to the operator. Under no condition should it be relied upon to replace use of capacity charts and operating instruction.

Sole reliance upon LOAD MOMENT INDICATOR(AML-E2) aids in place of good operating practice can cause an accident.

The operator must exercise caution to assure safety.
8. The lifting capacity differs depending on the outrigger extension width and slewing position.

Work with the capacity corresponding to the outrigger extension width and slewing position.

For the relationship among the outrigger extension width, slewing position and lifting capacities, refer to the working area charts.

JIB HANDLING INSTRUCTIONS (I)

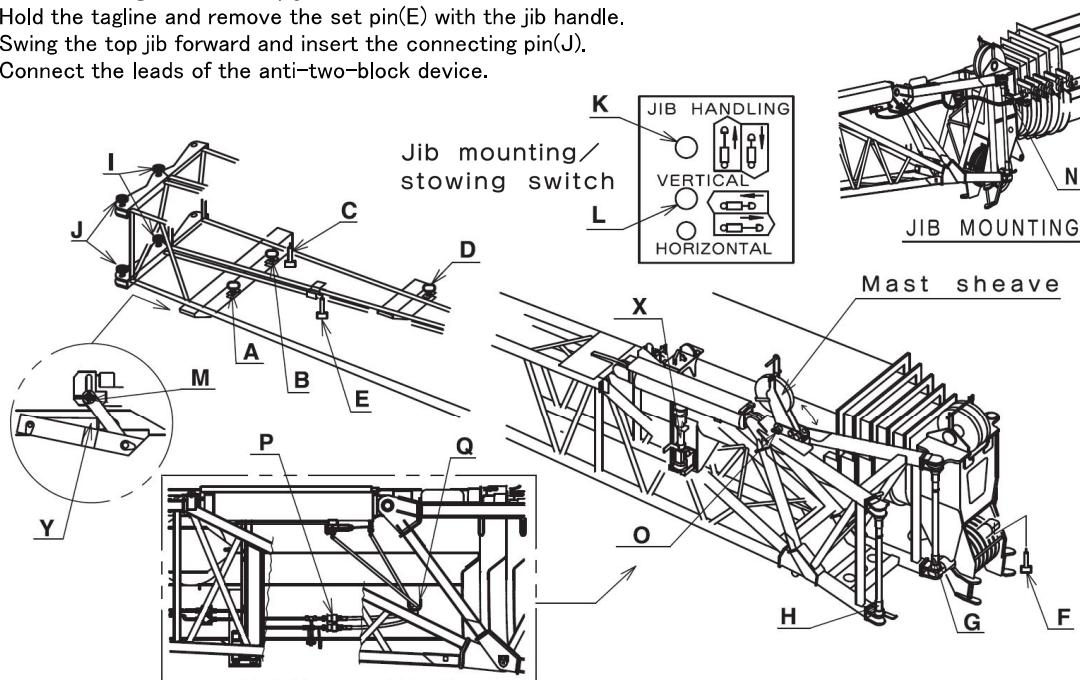
These instructions are excerpts from the operation manual of the crane. Before you start actual work, be sure to refer to the operation manual.

NOTES FOR MOUNTING THE BASE JIB

1. Fully retract the boom and raise the boom to a $-0.5^{\circ} \sim 0^{\circ}$ angle.
And fully retract the jib tilt cylinder.
WARNING: Keep the boom fully retracted while mounting the jib. Don't lower the boom to angle below -1° , or this action could cause the boom and jib to disengage and drop off.
2. Select the JIB SET status on the load moment indicator.
NOTICE: Hydraulic cylinder(X)(Y) can't be operated unless the boom is fully retracted.
WARNING: Never forget to select JIB SET status. The load moment indicator's control functions is deactivated when the JIB SET status is selected on the load moment indicator.
Mount the jib carefully with no load on the crane.
3. Remove the hydraulic hoses (2 hoses) on the right side of the base section of the boom from their stowing position(P) and hang them over the guide(Q) on the base jib.
4. Attach the tagline to the base jib head.
5. Remove the connecting pin(I), stowing pin(A) and set pin(E).
WARNING: Make sure that either the stowing pin or pivot pin(G) is in position before starting any operation.
Without these pins in position, the jib will drop off when an operation is started.
6. Swing the jib out away from the boom until it hits the stopper.
7. Insert the pivot pin(G).
8. Retract jib fixing cylinder(X) completely by operating switch (K).
NOTICE: Jib offsetting cylinder(Y) can't be operated unless jib fixing cylinder(X) is fully retracted.
9. Fully extend the jib offsetting cylinder by operating switch (L).
10. Remove the connecting pin (M) and swing the jib forward with tagline.
11. Insert the connecting pin(H) after making sure the pin (F) is locked.
12. Remove the tagline from the base jib.
13. Erect the mast sheave to upright position and insert the pin(O).
14. Connect the hydraulic hoses on the jib side to the hydraulic hoses on the boom head(N).
15. Connect the leads of the anti-two-block device.

NOTES FOR MOUNTING THE BASE AND TOP JIB

1. Perform the steps 1-4 described in the "MOUNTING THE BASE JIB" section.
NOTICE: Strictly follow the warnings and notices in the "MOUNTING THE BASE JIB" section.
2. Remove the stowing pin(A), (B), (D) and set pin(C).
WARNING: Make sure the connecting pin(I) is inserted, or the jib will drop off when the stowing pin(A), (B) and (D) are removed. Make sure that either the stowing pin or pivot pin(G) is in position before starting any operation. Without these pins in position, the jib will drop off when an operation is started.
3. Swing the jib out away from the boom until it hits the stopper.
4. Perform the steps 7-14 described in the "MOUNTING THE BASE JIB" section.
5. Attach the tagline to the top jib head.
6. Hold the tagline and remove the set pin(E) with the jib handle.
7. Swing the top jib forward and insert the connecting pin(J).
8. Connect the leads of the anti-two-block device.



JIB HANDLING INSTRUCTIONS (II)

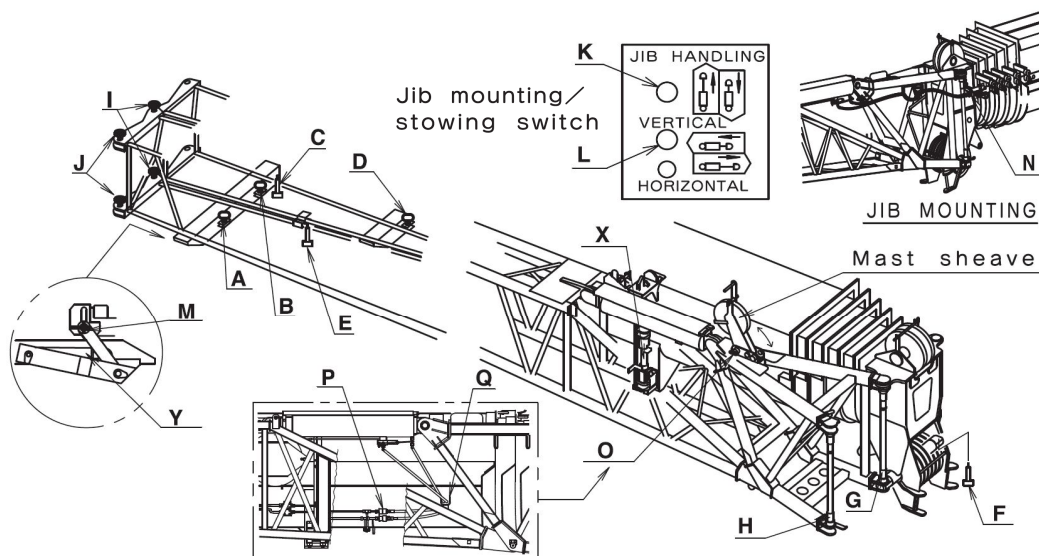
These instructions are excerpts from the operation manual of the crane. Before you start actual work, be sure to refer to the operation manual.

NOTES FOR STOWING THE BASE JIB

1. Fully retract the boom and raise the boom to a $-0.5^{\circ} \sim 0^{\circ}$ angle.
And fully retract the jib tilt cylinder.
WARNING: Keep the boom fully retracted while stowing the jib. Don't lower the boom to angle below -1° , or this action could cause the boom and jib to disengage and drop off.
NOTICE: Hydraulic cylinder(X)(Y) can't be operated unless the boom is fully retracted.
2. Select the JIB SET status on the load moment indicator.
WARNING: Never forget to select JIB SET status. The load moment indicator's control functions is deactivated when the JIB SET status is selected on the load moment indicator.
Stow the jib carefully with no load on the crane.
3. Remove the hydraulic hoses (2 hoses) from the boom head(N), and hang them over the guide(Q) on the base jib.
4. Lay the mast sheave to stowed position.
5. Free the set pin(E) so that it can fix the base jib when the jib is stowed.
6. Attach the tagline to the base jib head.
7. Remove the connecting pin(H) using the jib handle.
8. Use the jib handle to pull the set pin(F) down. Lock the set pin(F) in place by turning clockwise.
9. Swing the jib toward the boom until pin(M) connects the base jib.
10. Fully retract the jib offsetting cylinder by operating switch (L).
11. Extend jib fixing cylinder(X) completely by operating switch (K).
12. Remove the pivot pin(G).
- WARNING:** Make sure that either the stowing pin or pivot pin(G) is in position before starting any operation.
Without these pins in position, the jib will drop off when an operation is started.
13. Remove the tagline from the base jib.
14. Push the jib toward the boom until the set pin(E) connects the base jib and top jib.
15. Insert the stowing pin(A) for the base jib. Insert the connecting pin(I) to connect the base jib and top jib.
16. Attach the two hydraulic hoses of the jib side to the stowing position(P).

NOTES FOR STOWING THE BASE AND TOP JIB

1. Perform the steps 1-4 described in the "STOWING THE BASE JIB" section.
NOTICE: Strictly follow the warnings and notices in the "STOWING THE BASE JIB" section.
2. Free the set pin(E) so that it can fix the top jib to the base jib. Also free the set pin (C) so that it can fix the top jib to the boom.
3. Remove the connecting pin(J) that connects the base jib and the top jib. Then stow it onto the stowage support.
4. Attach the tagline to the top jib head.
5. Pull the tagline to stow the top jib onto the base jib. Then make sure that the set pin(E) connects the top jib and the base jib.
6. Remove the tagline from the top jib and attach the tagline to the base jib head.
7. Perform the steps 7-13 described in the "STOWING THE BASE JIB" section.
8. Push the jib toward the boom until the set pin(C) connects the jib and the boom.
9. Insert the stowing pin(A) for the base jib. Insert the connecting pin(B)(D) to connect the base jib and top jib.
10. Attach the two hydraulic hoses of the jib side to the stowing position(P).

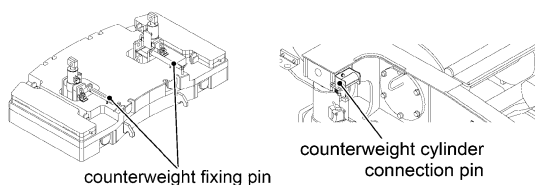


COUNTERWEIGHT HANDLING INSTRUCTIONS (I)

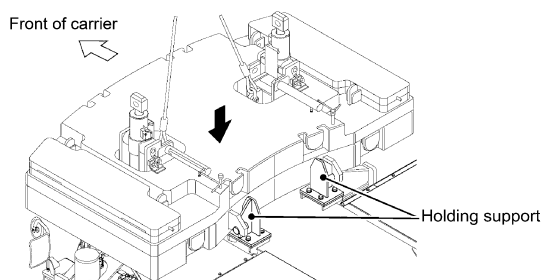
These instructions are excerpts from the operation manual of the crane.
Before you start actual work, be sure to refer to the operation manual.

NOTES FOR MOUNTING THE COUNTERWEIGHT

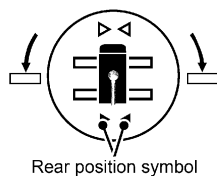
1. Fully extend the outriggers, and set up the crane horizontally.
2. Make sure that the counterweight fixing pins (2 points) and the counterweight cylinder connection pins (2 points) are removed.



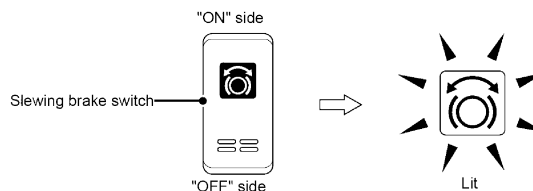
3. Lift the counterweight and place it on the holding support at the front of carrier.
WARNING : Make sure that the counterweight is placed on the holding support correctly. If it is placed in the wrong position, the counterweight can tilt, resulting in damage to the machine or serious accidents.



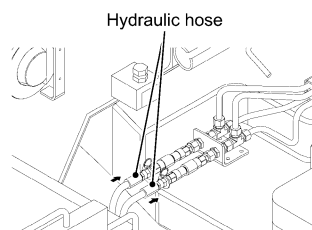
4. Set the slewing lock switch to "OFF" and turn the crane 180° .
•When the rear position symbol appears on the MFD, the crane is turned 180° .
NOTICE : Do not slew the boom with the slewing lock switch to "ON". The machine can be damaged.



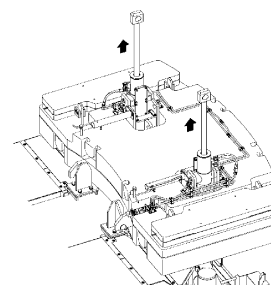
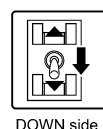
5. Set the slewing brake switch to "ON".
•The slewing brake icon on the MFD lights up.



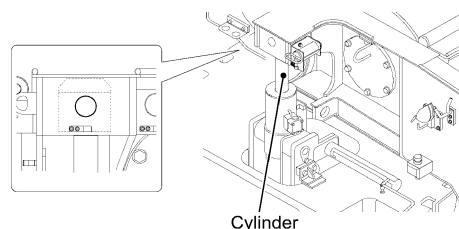
6. Set the boom angle to 70° .
7. Stop the engine of the crane.
8. Connect the hydraulic hoses for counterweight.



9. Start the engine of the crane.
10. Set the counterweight operation switch to "DOWN" to fully extend the cylinder.



11. Check that the pin holes on the left and right side of slewing table are aligned with the pin holes on the cylinder.

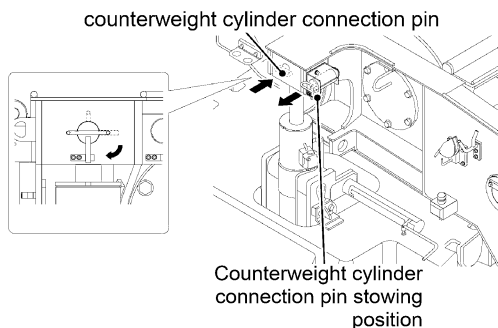


COUNTERWEIGHT HANDLING INSTRUCTIONS (I)

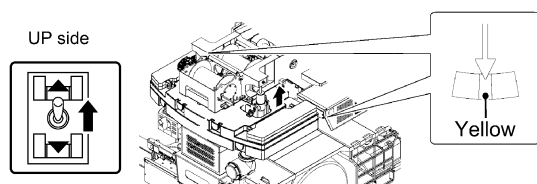
These instructions are excerpts from the operation manual of the crane.
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NOTES FOR MOUNTING THE COUNTERWEIGHT

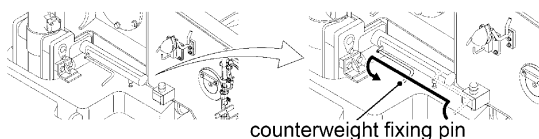
12. Insert the left and right counterweight cylinder connection pins. Turn the pins to fix them.



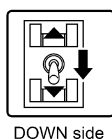
13. While making sure that the arrow on the front side of counterweight is in the yellow area, set the counterweight operation switch to "UP" and retract the cylinder.
•The counterweight is lifted up.
WARNING : If the arrow is out of the yellow area and counterweight is tilted to the left or right significantly, stop operation immediately and contact a TADANO distributor or dealer. If you do not stop operation, the counterweight cylinder can be damaged and the counterweight can fall.



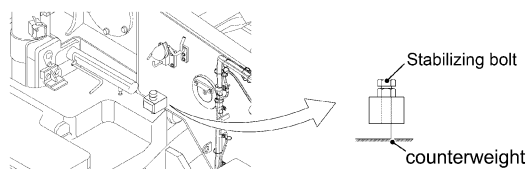
14. Insert the left and right counterweight fixing pins and lock them.
WARNING : Make sure that counterweight fixing pins are insert securely. Otherwise, the counterweight falls, leading a serious accident.



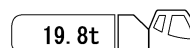
15. Set the counterweight operation switch to "DOWN" to extend the cylinder slightly so that the counterweight is held by the counterweight fixing pins.



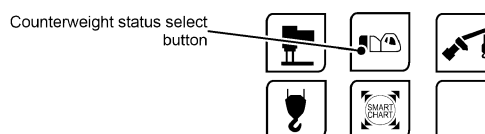
16. Tighten the stabilizing bolts (2 points) for the counterweight until they gently touch the counterweight, and fix them with nuts.



17. Register the counterweight status to the load moment indicator.
•Check that the value of the counterweight is "19.8t".
WARNING : If the value of the load moment indicator does not correspond to the actual counterweight status, the machine can overturn or be damaged.



18. Touch the counterweight status select button.
•The counterweight status registration screen appears on the MFD.



19. After confirming, touch the set button and register the status.
•After the registration is completed, the display returns to the operation status registration screen.



Now, mounting of the counterweight is completed.

COUNTERWEIGHT HANDLING INSTRUCTIONS (II)

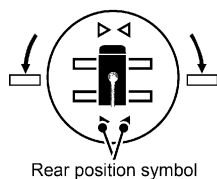
These instructions are excerpts from the operation manual of the crane.
Before you start actual work, be sure to refer to the operation manual.

NOTES FOR DISMOUNTING THE COUNTERWEIGHT

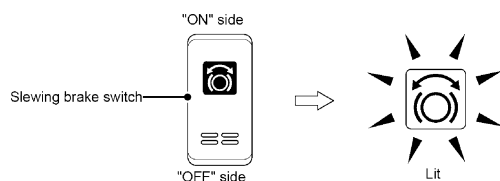
1. Fully extend the outriggers, and set up the crane horizontally.

2. Set the slewing lock pin switch to "OFF" and turn the crane 180°.
 - When the rear position symbol appears on the MFD, the crane is turned 180°.

NOTICE : Do not slew the boom with the slewing lock pin switch to "ON". The machine can be damaged.

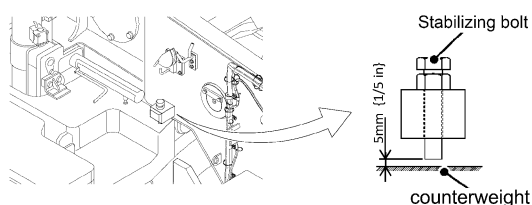


3. Set the slewing brake switch to "ON".
 - The slewing brake icon on the MFD lights up.

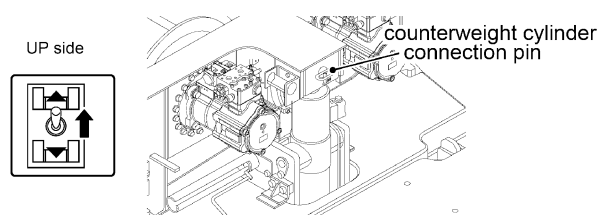


4. Set the boom angle to 70°.

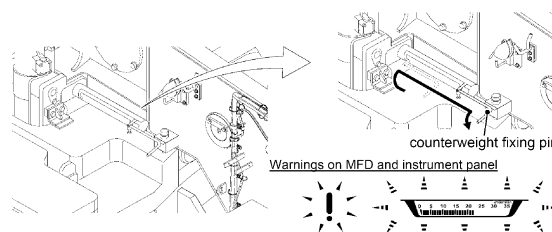
5. Loosen the counterweight stabilizing bolts (2 points) until they are 5mm in {1/5in} away from the upper surface of the counterweight, and secure them with the nuts.



6. Check that the counterweight cylinder connection pins (2 points) are inserted, set the counterweight operation switch to the "UP" side to fully retract the cylinder.

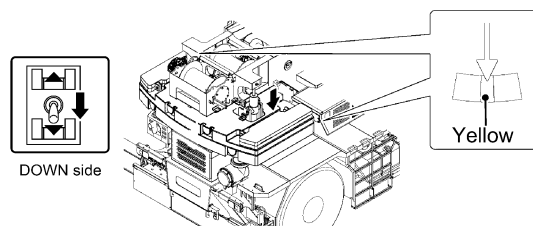


7. Pull out the left and right counterweight fixing pins (2 point).
 - The engine overrun warning on the MFD lights up and the tachometer flashes.

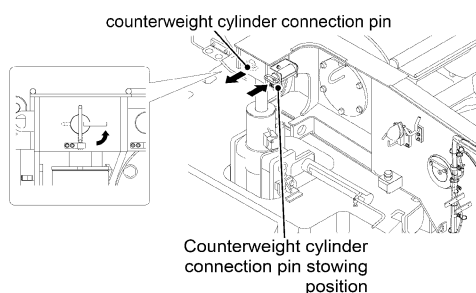


8. Make sure that the arrow on the front side of the counterweight is in the yellow area, set the counterweight operation switch to "DOWN" to extend the cylinder.
 - The counterweight is lowered.

WARNING : If the arrow is out of the yellow area and counterweight is tilted to the left or right significantly, stop operation immediately and contact a TADANO distributor or dealer. If you do not stop operation, the counterweight cylinder can be damaged and the counterweight can fall.



9. Turn the left and right counterweight cylinder connection pins (2 points), remove them, and then stow them into the stowing position.



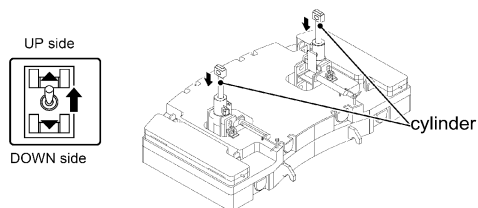
COUNTERWEIGHT HANDLING INSTRUCTIONS (II)

These instructions are excerpts from the operation manual of the crane.
Before you start actual work, be sure to refer to the operation manual.

NOTES FOR DISMOUNTING THE COUNTERWEIGHT

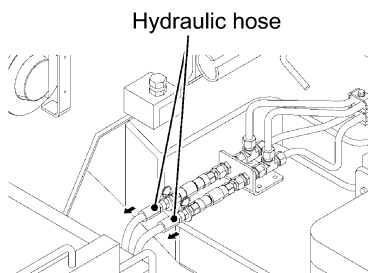
10. Turn the counterweight operation switch to the "UP" side and retract the cylinder fully, and then turn the switch to the "DOWN" side and extend the cylinder for approx. 10mm in {0.4in}.

NOTICE : Be sure to extend the cylinder after fully contracting it. If the cylinder is kept to be fully contracted, the pressure inside the cylinder increases due to temperature changes or other causes and may cause damage or oil leakage.

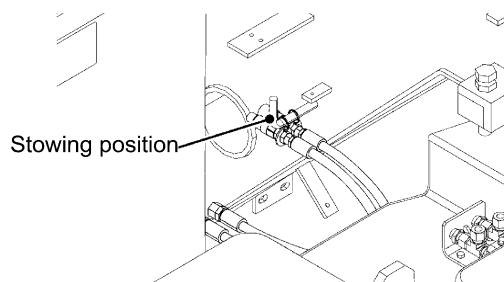


11. Stop the engine of the crane.

12. Disconnect the hydraulic hoses for the counterweight.

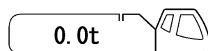


13. Stow the disconnected hydraulic hoses into the stowing position.



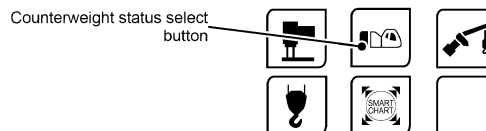
14. Start the engine of the crane.

15. Register the counterweight status to the load moment indicator.
• Check that the value of the counterweight is "0.0 t".



16. Touch the counterweight status select button.

• The counterweight status registration screen appears on the MFD.

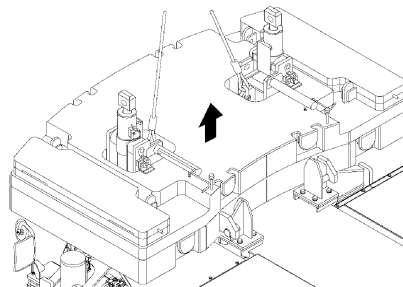


17. After confirming, touch the set button and register the status.

• After the registration is completed, the display returns to the operation status registration screen.



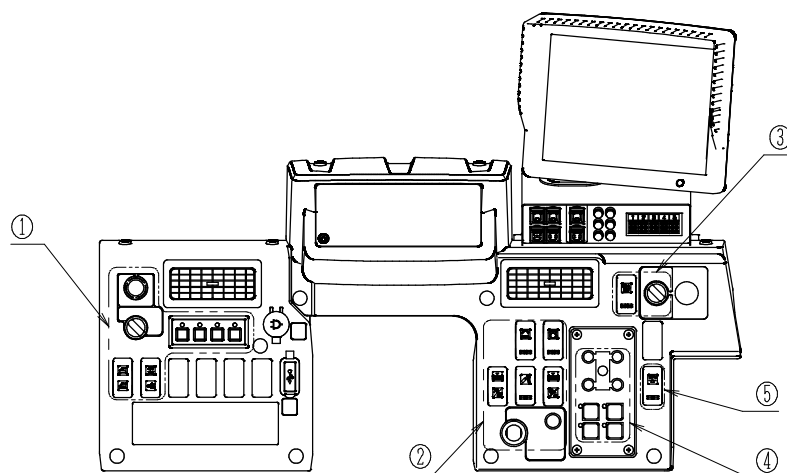
18. Attach the lifting attachments to the counterweight and hoist up the winch until the wire rope is tensioned slightly.



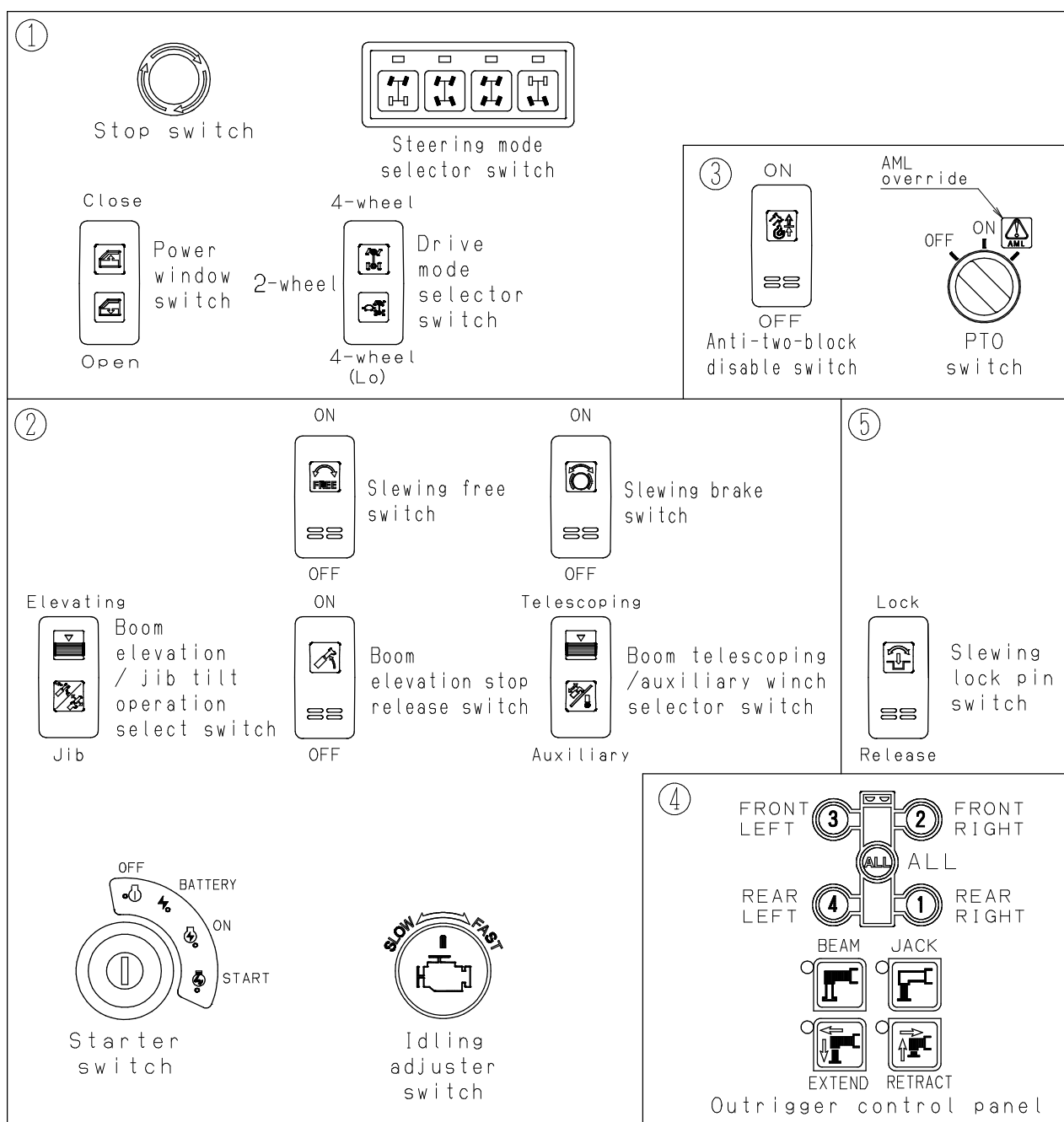
19. Lift the counterweight and load it onto the truck for transportation.

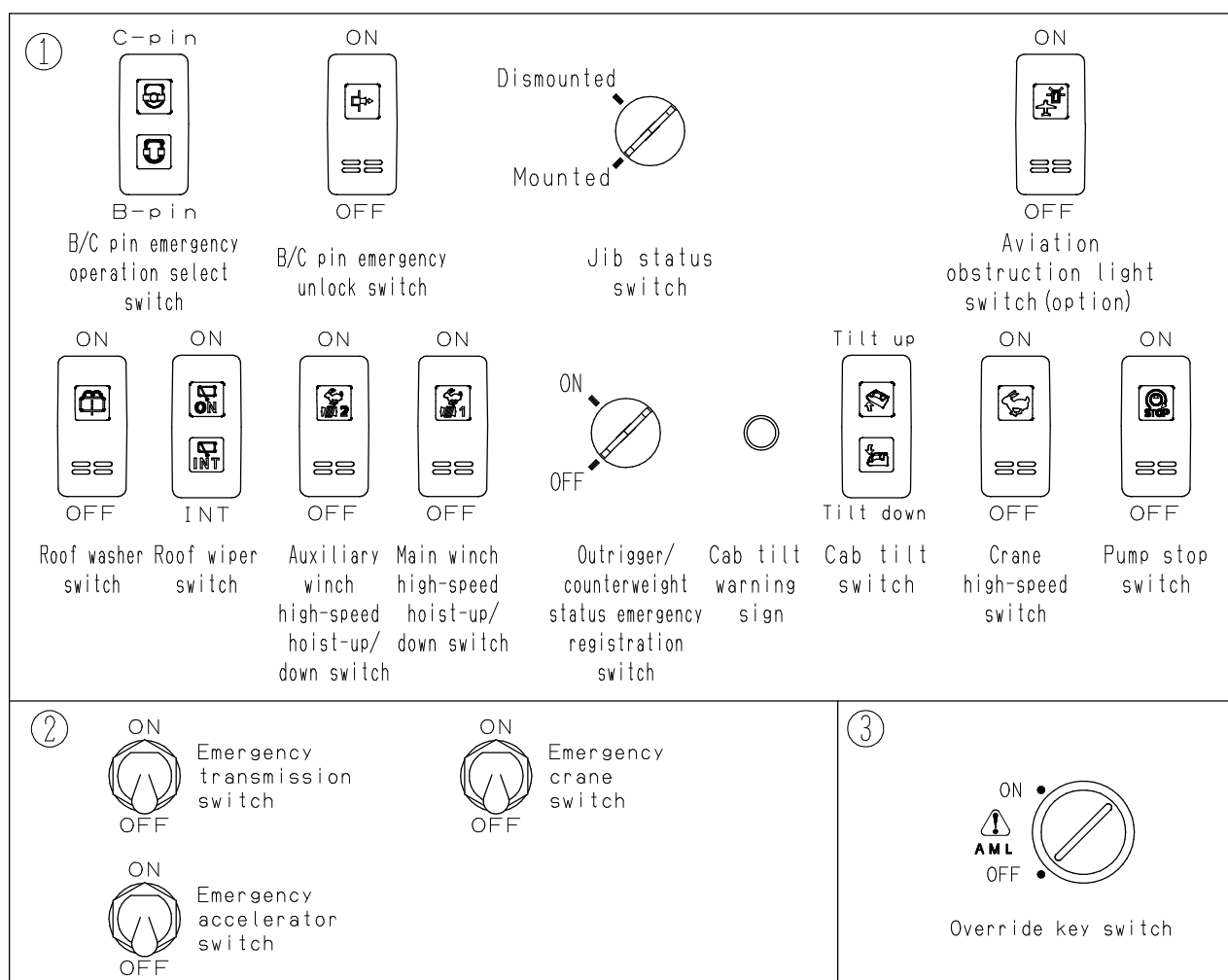
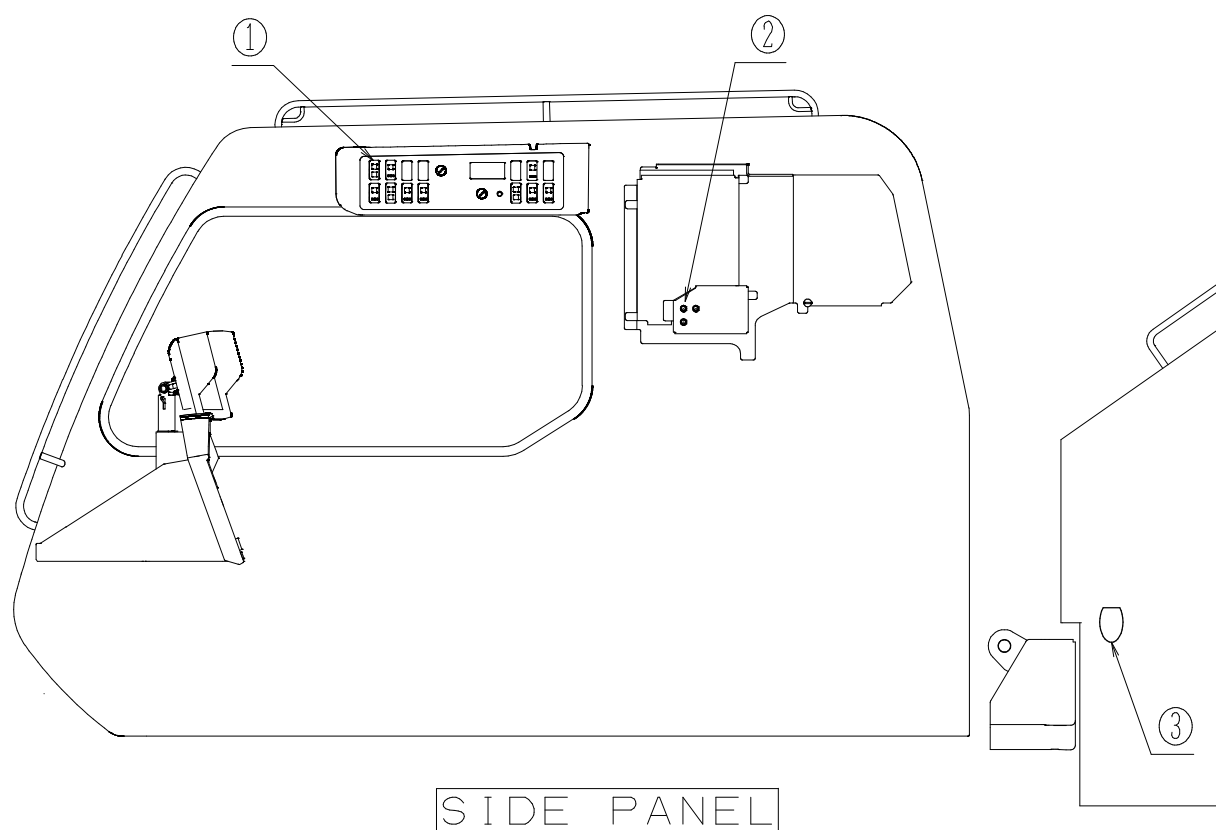
DANGER : Do not travel the crane while the counterweight is on the carrier. The crane can overturn or be damaged, or the counterweight can fall, resulting in a serious accident.
WARNING: When the counterweight is not mounted, the crane become unstable. Operate the crane with care to avoid overloading.

Now, dismounting of the counterweight is completed.



INSTRUMENT PANEL





DISPOSITION OF CONTROL LEVER AND PEDAL

＝ISO FORM＝

