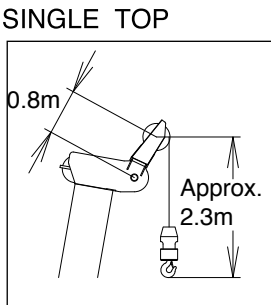
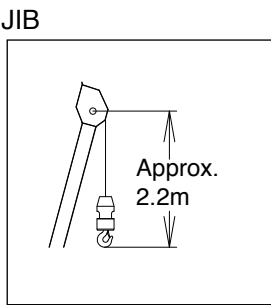
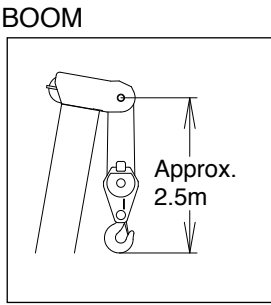
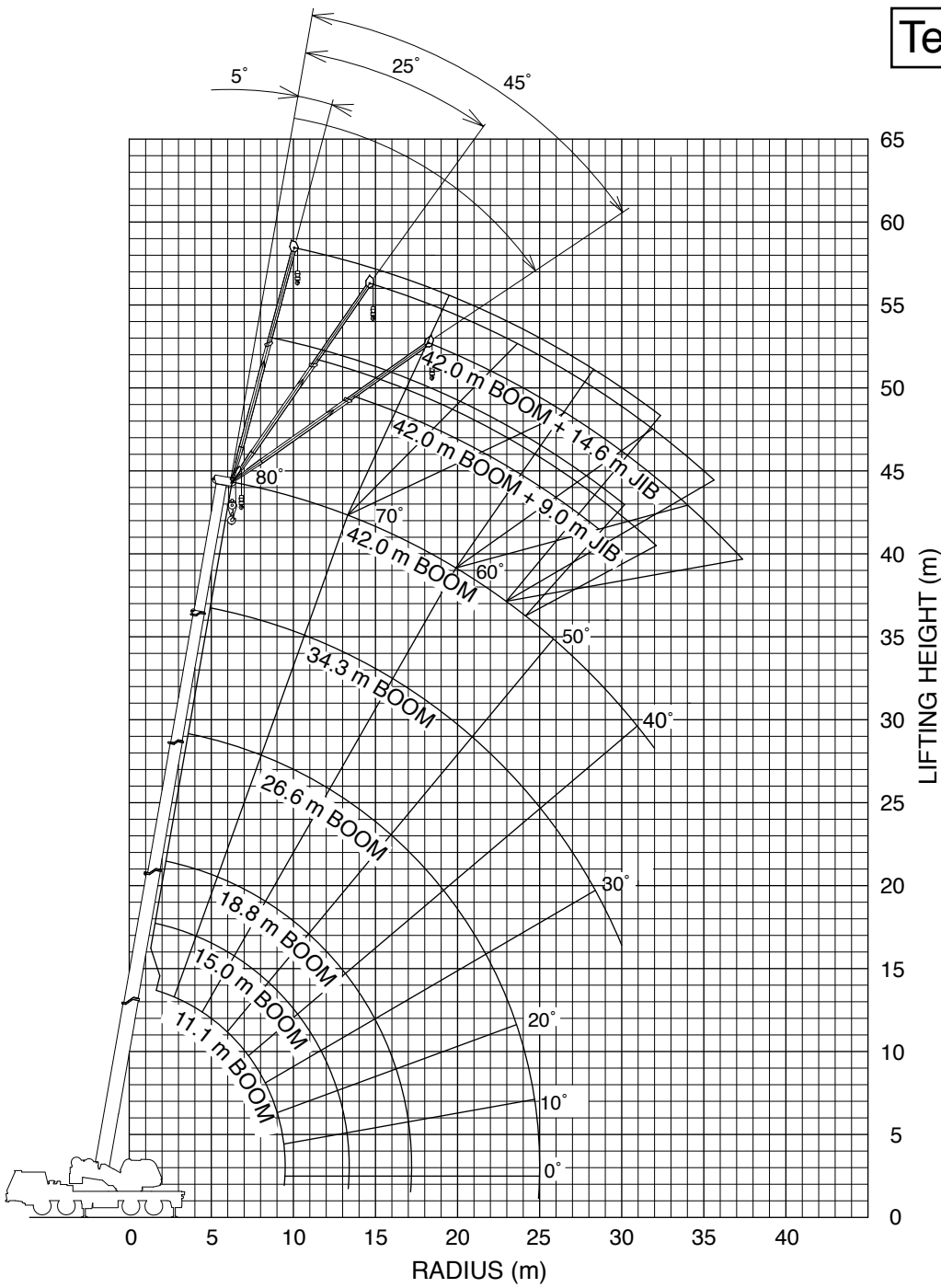




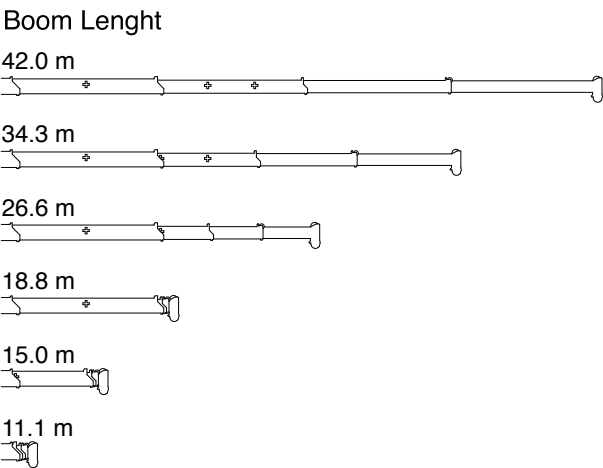
WORKING RANGE

SPEC. SHEET NO. GT-550E-1-00102/EX-91

Telescoping mode I



- NOTE:**
1. Boom and 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.
 2. When the boom length is 11.1 - 12.0 m, Max boom angle is 76°





RATED LIFTING CAPACITIES ISO 4305

SPEC. SHEET NO. GT-550E-1-00102/EX-91

UNIT : kg CLASS OF CRANE ; C3

Outriggers fully extended 6.8m										
Load radius (m)	11.1 m boom	15.0 m boom	18.8 m boom		26.6 m boom		34.3 m boom		38.1 m boom	42.0 m boom
3.0	55,000	40,000	28,000	20,000						
3.5	43,700	40,000	28,000	20,000						
4.0	38,500	38,100	28,000	20,000						
4.5	34,200	33,800	28,000	19,800	20,000	14,000				
5.0	30,800	30,400	28,000	19,000	20,000	14,000				
5.5	27,800	27,400	27,200	18,200	20,000	13,600				
6.0	25,400	25,000	24,700	17,500	20,000	12,800	14,000	8,000		
6.5	23,200	22,800	22,500	16,800	18,900	12,000	14,000	8,000		
7.0	21,400	21,000	20,700	16,200	17,800	11,400	13,500	8,000	8,000	8,000
7.5	19,700	19,300	19,100	15,700	16,700	10,800	13,000	8,000	8,000	8,000
8.0	18,300	17,900	17,600	15,200	15,800	10,200	12,500	8,000	8,000	8,000
9.0	15,200	14,600	14,200	14,300	14,200	9,300	11,300	7,600	8,000	8,000
10.0		11,600	11,300	13,500	12,500	8,500	10,400	7,000	7,500	8,000
11.0		9,500	9,100	11,400	10,300	7,800	9,600	6,400	6,900	7,500
12.0		7,800	7,500	9,600	8,600	7,200	8,800	5,800	6,400	6,900
14.0			5,100	7,200	6,200	6,200	6,800	4,900	5,500	5,900
16.0			3,500	5,500	4,500	5,400	5,100	4,200	4,700	5,200
18.0					3,300	4,700	3,900	3,600	4,100	4,200
20.0					2,400	3,700	3,000	3,200	3,600	3,200
22.0					1,700	3,000	2,200	2,800	2,800	2,500
24.0					1,200	2,400	1,600	2,500	2,200	1,900
26.0							1,200	2,100	1,800	1,400
28.0							800	1,700	1,400	1,000
30.0							500	1,400	1,000	700
32.0								1,100	700	450
34.0									500	
Telescoping conditions(%)										
Telescoping Mode	I , II	I	I	II	I	II	I	II	II	I , II
2nd boom	0	50	100	0	100	0	100	0	50	100
3rd boom	0	0	0	33	33	66	66	100	100	100
4th boom	0	0	0	33	33	66	66	100	100	100
Top boom	0	0	0	33	33	66	66	100	100	100

NOTES :

1. Rated lifting capacities shown in the table are based on the condition that the crane is set on firm ground horizontally. Those above bold line are based on crane strength and those below, it is stability.
2. Rated lifting capacities in the stability area comply with part 2 / ISO 4305.
3. The mass of load handling devices such as hook blocks {570 kg for *55 ton capacity, 410 kg for *35 ton capacity, 400 kg for *20 ton capacity and 130 kg for 4.5 ton capacity} and slings, shall be considered part of the load and must be deducted from rated lifting capacities.
4. Without front jack extended, when the boom is within the Over-front, Rated lifting capacities are different from those for the boom in the Over-side and Over-rear.
5. Standard number of parts of line for each boom length is as shown below. Load per-line should not surpass 42.2 kN {4,300 kgf} for main winch rope and 44.1 kN {4,500 kgf} for auxiliary winch rope.

*: Optional

Boom Length	11.1 m	15.0 m	18.8 m	26.6 m	34.3 m	38.1 m	42.0 m	Jib/Single top
Number of parts of line	**13/12	10	7	5	4	4	4	1

** : With single top (When the lifting capacities is 55,000 kg)

6. Special weather caution: Refer to the operation and maintenance manual.
7. For rated lifting capacity of single top, subtract the main hook mass from the relevant boom rated lifting capacity. Rated lifting capacity of single top should not exceed 4,500 kg.
8. Load radius shown in the table includes the deflection of the boom. Therefore, perform it according to the load radius. However for the jib operation, perform it according to the boom angle regardless of the boom length. The load radius shows reference value when the jib is attached to the 42.0 m boom, 38.1 m boom (Telescoping mode II) and 34.3 m boom (Telescoping mode I).

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