

RATED LIFTING CAPACITIES (BOOM)

SPEC. SHEET NO. GT-600E-1-00101/EX-01

UNIT: kg CLASS OF CRANE ; C3

Outriggers fully extended (6.8m)															
B	11.0		15.0		19.0		27.0		35.0		39.0		43.0		
	C		C		C		C		C		C		C		
3.0	70	60,000	76	40,800	79	32,000	79	22,000							
3.5	67	47,500	74	40,800	78	32,000	78	22,000							
4.0	64	42,400	72	40,800	76	32,000	76	22,000	81	22,000	81	17,000			
4.5	61	38,100	70	37,800	75	32,000	75	22,000	80	22,000	80	17,000			
5.0	58	34,500	68	34,200	73	32,000	73	22,000	79	22,000	79	17,000			
5.5	55	31,400	66	31,100	72	30,900	71	21,400	78	21,300	78	17,000			
6.0	51	28,700	63	28,400	70	27,400	70	20,600	77	20,700	77	17,000	80	14,000	
6.5	47	26,400	61	26,100	68	24,000	68	19,800	76	20,000	76	16,300	80	14,000	
7.0	43	24,400	59	23,500	67	21,100	66	19,100	75	19,500	75	15,400	79	14,000	
7.5	39	22,700	57	20,900	65	18,800	65	18,500	74	18,800	73	14,600	78	13,500	
8.0	34	20,000	54	18,700	63	16,900	63	17,900	72	17,100	72	13,900	77	13,000	
9.0	20	15,700	49	15,000	60	13,900	60	16,800	70	14,300	70	12,600	76	12,100	
10.0			43	12,000	56	11,600	56	14,700	68	12,200	68	11,600	74	11,700	
11.0			36	9,800	52	9,500	52	12,400	65	10,500	65	10,700	72	10,200	
12.0			28	8,200	47	7,900	48	10,600	63	9,200	63	9,900	70	9,000	
14.0					37	5,500	38	7,900	58	6,900	58	8,300	67	7,100	
16.0					24	3,800	25	6,200	52	5,200	52	6,500	63	5,600	
18.0								46	3,900	46	5,200	59	4,400	59	5,400
20.0								39	3,000	40	4,200	55	3,500	55	4,400
22.0								31	2,200	32	3,500	50	2,700	51	3,600
24.0								20	1,600	22	2,900	46	2,100	46	3,000
26.0												41	1,600	41	2,500
28.0												35	1,200	35	2,100
30.0												28	800	28	1,700
32.0												18	500	18	1,400
34.0														26	800
36.0														17	600
D							0°					18°	0°	17°	37°
Telescoping conditions(%)															
Telescoping Mode	I, II	I	I	II	I	II	I	II	II	I, II	I, II				
2nd boom	0	50	100	0	100	0	100	0	50	100	100				
3rd boom	0	0	0	33	33	66	66	100	100	100	100				
4th boom	0	0	0	33	33	66	66	100	100	100	100				
Top boom	0	0	0	33	33	66	66	100	100	100	100				

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

NOTES :

1. Rated lifting capacities shown in the table are based on condition that the crane is set on firm level surface. Those above bold lines are based on crane strength and those below, on its stability.
2. Rated lifting capacities based on crane stability according to ISO 4305 / DIN 15019 part 2.
3. The mass of the hook (570kg for *60t capacity, 410kg for *35t capacity, 150kg for 5.6t capacity), slings and all similarly used load handling devices must be considered as part of the load and must be deducted from the lifting capacities. *: Optional
4. For rated lifting capacity of single top, reduce the rated lifting capacities of relevant boom according to a weight reduction for auxiliary load handling equipment. Capacities of single top shall not exceed 5,600 kg including main hook.
5. Standard number of part lines for each boom length is as shown below. Load per line should not surpass 54.9 kN (5,600 kgf) for main winch and auxiliary winch.

Boom length	11.0m	11.0m to 15.0m	15.0m to 19.0m	19.0m to 27.0m	27.0m to 43.0m	Jib / Single top
No. of part lines	12	10	7	5	4	1

The lifting capacity data stored in the AUTOMATIC MOMENT LIMITER (AML) is based on the standard number of parts of line listed in the chart.

Maximum lifting capacity is restricted by the number of parts of line of AUTOMATIC MOMENT LIMITER (AML).

6. 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.