

# GT-550E RATED LIFTING CAPACITIES (BOOM)

UNIT: x 1000kg CLASS OF CRANE; C3

Outriggers fully extended 6.8m																				
Load radius (m)	11.1m		15.0m		18.8m boom		26.6m boom		34.3m boom		38.1m		42.0m							
	$\Delta^\circ$ boom	$\Delta^\circ$ boom	$\Delta^\circ$ boom	$\Delta^\circ$ boom	$\Delta^\circ$	$\Delta^\circ$	$\Delta^\circ$	$\Delta^\circ$	$\Delta^\circ$	$\Delta^\circ$	$\Delta^\circ$ boom	$\Delta^\circ$ boom	$\Delta^\circ$ boom	$\Delta^\circ$ boom						
3.0	69	55.0	75	40.0	78	28.0	78	20.0												
3.5	66	43.7	73	40.0	77	28.0	77	20.0												
4.0	63	38.5	71	38.1	75	28.0	75	20.0												
4.5	60	34.2	68	33.8	73	28.0	73	19.8	79	20.0	79	14.0								
5.0	57	30.8	66	30.4	72	28.0	72	19.0	78	20.0	78	14.0								
5.5	53	27.8	64	27.4	70	27.2	70	18.2	77	20.0	77	13.6								
6.0	50	25.4	62	25.0	68	24.7	68	17.5	76	20.0	76	12.8	80	14.0	80	8.0				
6.5	46	23.2	60	22.8	67	22.5	67	16.8	75	18.9	75	12.0	79	14.0	79	8.0				
7.0	42	21.4	57	21.0	65	20.7	65	16.2	74	17.8	74	11.4	78	13.5	78	8.0	80	8.0	80	8.0
7.5	38	19.7	55	19.3	63	19.1	63	15.7	73	16.7	73	10.8	77	13.0	77	8.0	79	8.0	80	8.0
8.0	33	18.3	53	17.9	62	17.6	62	15.2	71	15.8	71	10.2	76	12.5	76	8.0	78	8.0	79	8.0
9.0	21	15.2	47	14.6	58	14.2	58	14.3	69	14.2	69	9.3	75	11.3	75	7.6	77	8.0	78	8.0
10.0			42	11.6	54	11.3	54	13.5	67	12.5	67	8.5	73	10.4	73	7.0	75	7.5	77	8.0
11.0			35	9.5	50	9.1	50	11.4	64	10.3	64	7.8	71	9.6	71	6.4	74	6.9	75	7.5
12.0			27	7.8	46	7.5	46	9.6	62	8.6	62	7.2	69	8.8	69	5.8	72	6.4	74	6.9
14.0					36	5.1	36	7.2	57	6.2	57	6.2	66	6.8	66	4.9	69	5.5	71	5.9
16.0					23	3.5	23	5.5	51	4.5	51	5.4	62	5.1	62	4.2	66	4.7	68	5.2
18.0									45	3.3	45	4.7	58	3.9	58	3.6	62	4.1	65	4.2
20.0									38	2.4	38	3.7	54	3.0	54	3.2	59	3.6	62	3.2
22.0									30	1.7	30	3.0	49	2.2	49	2.8	55	2.8	59	2.5
24.0									18	1.2	18	2.4	44	1.6	44	2.5	51	2.2	55	1.9
26.0													39	1.2	39	2.1	47	1.8	52	1.4
28.0													33	0.8	33	1.7	42	1.4	48	1.0
30.0													26	0.5	26	1.4	37	1.0	44	0.7
32.0															14	1.1	32	0.7	40	0.45
34.0																	24	0.5		
<b>A</b>	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	26°	0°	24°	40°					
Telescoping conditions (%)																				
Telescoping Mode	I, II	I	I	II	I	II	I	II	I	II	II	I, II								
2nd boom	0	50	100	0	100	0	100	0	100	0	50	100								
3rd boom	0	0	0	33	33	66	66	100	100	100	100	100								
4th boom	0	0	0	33	33	66	66	100	100	100	100	100								
Top boom	0	0	0	33	33	66	66	100	100	100	100	100								

$\Delta^\circ$  : Loaded boom angle (°)

**A** : Minimum boom angle (°)  
for indicated length (no load)

