

(3) Total Rated Lifting Load for Boom

Table 3-3

With 6.9m of fully-extended outriggers, without front jack, boom over side or over rear* with front jack down, 360° operation of the boom

Working radius (m)	Base boom 11.2 m			Mid-extended boom 15.05 m			Mid-extended boom 18.9 m			Mid-extended boomed 26.6 m			Mid-extended boom 34.3 m			Fully-extended boom 42 m		
	Lifting load (kg)	Boom angle (°)	Lifting height (m)	Lifting load (kg)	Boom angle (°)	Lifting height (m)	Lifting load (kg)	Boom angle (°)	Lifting height (m)	Lifting load (kg)	Boom angle (°)	Lifting height (m)	Lifting load (kg)	Boom angle (°)	Lifting height (m)	Lifting load (kg)	Boom angle (°)	Lifting height (m)
3	65000	70.11	11.2															
3.5	61000	67.31	11.1															
4	54000	64.40	11.0	45000	72.0	15.2	36000	79.36	19.2	22000	79.23	27.0						
5	46500	58.35	10.7	40000	67.91	14.8	35000	73.38	19.0	20000	77.31	26.7						
6	38000	51.78	9.5	33000	63.58	14.2	32000	70.22	18.5	22000	77.31	26.7						
7	28000	44.36	8.5	26000	59.0	13.6	25000	66.75	18.0	21000	75.25	26.4	16500	80.0	34.5			
8	20000	35.99	7.1	19500	54.13	12.8	18500	63.14	17.5	19000	73.01	26.0	15500	78.52	34.1			
9	16000	23.90	5.0	15500	48.97	12.0	15000	59.47	16.9	16000	70.55	25.6	14500	76.91	33.8	9000	79.96	
10				12800	43.37	10.8	12500	55.61	16.2	13500	68.05	25.2	13000	75.10	33.5	8800	78.82	
12				9000	29.51	7.7	8500	47.43	14.4	10000	63.02	24.1	10500	71.44	32.7	8000	76.29	
14							6000	37.95	11.9	7500	57.79	22.8	8000	67.51	31.7	7300	73.69	
15							5000	32.30	10.3	6500	55.06	22.0	7000	65.52	31.1	7000	72.37	
16										5500	52.26	21.1	6200	63.54	30.6	6400	70.85	
18										4500	46.34	19.2	4800	59.47	29.3	5000	67.55	
20										3200	39.60	16.8	3800	55.29	27.8	4000	64.31	
22										2500	31.84	13.4	2900	50.85	26.0	3100	60.93	
24													2200	45.90	23.9	2500	57.59	
26													1700	41.08	21.5	2000	54.13	
28													1200	35.37	18.5	1600	50.55	
29													1000	32.20	16.6	1400	48.67	
30																1200	46.72	
32																850	42.6	
34																550	38.2	
Parts of line	12			10			8			5			4			3		
Telescoping rate of boom section	2nd	0%		50%			100%			100%			100%			100%		
	3rd	0%		0%			0%			33%			66%			100%		
	4th	0%		0%			0%			33%			66%			100%		
	5th	0%		0%			0%			33%			66%			100%		
Min boom angle	23.9~70.11°			29.51~72.0°			32.3~79.36°			31.84~79.23°			32.20~80.0°			38.2~79.96°		
Weight of hook block	616kg (main hook block), 300kg (medium hook block)																	

XCMG
65T