

Total Rated Lifting Load for Boom (ovlboom boom profile, outrigger fully extended 6.0m)

Table 1.11

Without 5th outrigger, over side or over rear; with 5th outrigger, 360° swing

Radius (m)	Base boom 10.70 m			Mid-extend boom 18.05 m			Mid-extend boom 25.40 m			Mid-extend boom 32.75 m			Full-extend boom 40.10 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	50000	69.36	10.75	31000	77.22	18.37									
3.5	50000	66.44	10.51	29000	75.60	18.22									
4	42500	63.36	10.23	28000	73.98	18.05									
4.5	39500	60.22	9.91	27000	72.36	17.87									
5	36000	56.96	9.56	24500	70.63	17.67									
5.5	30300	53.50	9.16	23000	68.92	17.45									
6	25600	49.88	8.71	18900	65.35	16.96									
7	19400	41.88	7.59	14600	61.59	16.39									
8	15200	37.15	6.06	11800	57.72	15.73									
9	12100	17.33	3.39	9500	51.67	14.97									
10				6800	44.96	13.05									
12				4800	34.43	10.35									
14				3400	19.11	5.65									
16															
18															
20															
22															
24															
26															
28															
30															
32															
Parts of line	12			8			5			4			3		
%	0%			100%			100%			100%			100%		
	0%			0%			33%			66%			100%		
	0%			0%			33%			66%			100%		
Boom angle	17.33-69.36°			19.11-77.22°			26.85-79.7°			37.59-80.0°			39.26-80.0°		
Hook block weight	515kg														

XCMG 50T