

QY100K 汽车起重机主臂起重性能表

QY100K Truck Crane Total Rated Lifting Load for Boom

单位: 吨 Uht.t

幅度 Working radius (m)	不挂平衡重 全伸支腿 360° 作业 Without counterweight 360° swing on full-extended outriggers									
	主臂长度 (m) boom length									
3	12.8	17.2	21.6	26	30.4	34.8	39.2	43.6	48	
4	68	70	80							
5	65	65	62.3	42	40					
6	45	44	42	42	35.5	31.1				
7	36.5	35	36	36	33.5	29	24.5			
8	28.3	27.8	27.5	29.4	30.7	27.2	23.3	19.3		
9	20.7	20.3	20	21.7	22.9	23.8	21.8	18.4	14	
10	15.7	15.4	15.1	16.7	17.7	18.5	19	17.5	13.4	
12		9.3	9.1	10.5	11.4	12.1	12.6	13.1	11.6	
14		5.7	5.5	6.8	7.7	8.3	8.8	9.2	9.5	
16			3.2	4.4	5.2	5.8	6.4	6.8	7	
18			1.4	2.6	3.4	4	4.6	4.8	5.1	
20				1.3	2.1	2.7	3.3	3.5	3.7	
22					1.1	1.6	2.2	2.4	2.7	
24							1.4	1.6	1.8	
25									1.1	
臂架 Reach (m)	12	10	8	6	5	4	4	3	2	
最小主臂仰角 Min.boom angle	20	22	23	24	25	26	27	28	29	
最大主臂仰角 Max.boom angle	71	77	77	78	80	81	81	81	81	
使用吊钩 Hook load	100吨吊钩(100Tkg) hook load: 100T				50吨吊钩(50Tkg) hook load: 50T					

表 3-1 table 3-1

幅度 Working radius (m)	8.3t 平衡重 全伸支腿 360° 作业 8.3t counterweight 360° swing on full-extended outriggers									
	主臂长度 (m) boom length									
3	12.8	17.2	21.6	26	30.4	34.8	39.2	43.6	48	
4	78	70	61							
5	62	61	54.3	42	40					
6	51	50	48.7	42	36.5	31.1				
7	42.2	42	44.1	38.6	33.5	29	24.5			
8	35.8	35.8	38.3	35.3	31.1	27.2	23.3	19.3		
9	29.9	29.6	29.3	30.8	28.7	25.4	21.8	18.4	14	
10	23.4	23.1	22.9	24.3	23.3	23.6	20.6	17.5	13.4	
12		15.2	15	16.3	17.2	17.8	18.3	15.7	11.6	
14		10.4	10.3	11.5	12.4	13	13.4	13.8	11.3	
16			7.1	8.3	9.1	9.7	10.2	10.5	10.1	
18			4.8	6.0	6.8	7.4	8	8.2	8.5	
20				4.3	5.1	5.6	6.2	6.4	6.7	
22				2.9	3.7	4.3	4.9	5.0	5.3	
24					2.6	3.2	3.8	3.9	4.2	
25					1.7	2.3	2.9	3.0	3.3	
28						1.6	2.2	2.3	2.5	
30							1.5	1.7	1.9	
32								1.1	1.4	
臂架 Reach (m)	12	10	8	6	5	4	4	3	2	
最小主臂仰角 Min.boom angle	20	22	23	24	25	26	27	28	29	
最大主臂仰角 Max.boom angle	71	77	77	78	80	81	81	81	81	
使用吊钩 Hook load	100吨吊钩(100Tkg) hook load: 100T				50吨吊钩(50Tkg) hook load: 50T					

表 3-3 table 3-3

QY100K 汽车起重机副臂起重性能表

QY100K Truck Crane Total Rated Lifting Load for Jib

单位: 吨 Uht.t

主臂仰角 boom angle	8.3t 平衡重 全伸支腿 侧、后方作业 8.3t counterweight on full-extended outriggers, boom over side or rear											
	48m 主臂 boom length 48m											
	10.6m 副臂 jib length 10.6m				18.1m 副臂 jib length 18.1m				18.1m 副臂 jib length 18.1m			
78°	7	13.3	5	15.7	3.5	17.9	3.6	15.3	2.7	19.5	2.1	23.2
75°	6.5	16.3	4.3	18.7	3.4	20.7	3.3	18.6	2.5	22.7	2.0	26.3
72°	6.0	19.2	4.0	21.5	3.3	23.5	3.1	21.9	2.4	25.9	1.9	29.3
70°	5.2	21.1	3.8	23.4	3.2	25.3	2.9	24	2.3	28	1.8	31.3
65°	4.4	25.7	3.6	27.9	3.1	29.7	2.7	29.2	2.2	33	1.7	36
60°	4	30.1	3.4	32.2	3.0	33.8	2.5	34.2	2	37.7	1.6	40.5
55°	3.5	34.3	3.2	36.2	2.9	37.7	2.3	38.9	1.9	42.2	1.5	44.5
50°	3	38.1	3	39.9	2.8	41.2	2.1	43.2	1.8	46.2	1.4	48.3
45°	2.5	41.7	2.7	43.3	2.7	44.4	1.8	47.2	1.5	50	1.1	51.6
吊钩重量 Weight of hook load	225kg											

表 4-1 table 4-1

主臂仰角 boom angle	14.3t 平衡重 全伸支腿 侧、后方作业 14.3t counterweight on full-extended outriggers, boom over side or rear											
	48m 主臂 boom length 48m											
	10.6m 副臂 jib length 10.6m				18.1m 副臂 jib length 18.1m				18.1m 副臂 jib length 18.1m			
78°	7	13.3	5	15.7	3.5	17.9	3.6	15.3	2.7	19.5	2.1	23.2
75°	6.5	16.3	4.3	18.7	3.4	20.7	3.3	18.6	2.5	22.7	2.0	26.3
72°	6.0	19.2	4.0	21.5	3.3	23.5	3.1	21.9	2.4	25.9	1.9	29.3
70°	5.2	21.1	3.8	23.4	3.2	25.3	2.9	24	2.3	28	1.8	31.3
65°	4.5	25.7	3.6	27.9	3.1	29.7	2.7	29.2	2.2	33	1.7	36
60°	4	30.1	3.4	32.2	3	33.8	2.5	34.2	2	37.7	1.6	40.5
55°	3.5	34.3	3.2	36.2	2.9	37.7	2.3	38.9	1.9	42.2	1.5	44.5
50°	3	38.1	3	39.9	2.8	41.2	2.1	43.2	1.8	46.2	1.4	48.3
45°	2.5	41.7	2.7	43.3	2.7	44.4	1.8	47.2	1.5	50	1.1	51.6
吊钩重量 Weight of hook load	225kg											

表 4-2 table 4-2

幅度 Working radius (m)	14.3t 平衡重 全伸支腿 360° 作业 14.3t counterweight 360° swing on full-extended outriggers									
	主臂长度 (m) boom length									
3	12.8	17.2	21.6	26	30.4	34.8	39.2	43.6	48	
4	82.6	70	61							
5	65.8	61	54.3	42	40					
6	54.9	54	48.7	42	36.5	31.1				
7	45	45	44.1	38.6	33.5	29	24.5			
8	38.5	38	37.8	36.3	31.1	27.2	23.3	19.3		
9	33.5	33	33.3	32.3	28.7	25.4	21.8	18.4	14	
10	28.5	29	28.5	29.9	26.6	23.6	20.6	17.5	13.4	
12		19.5	19.3	20.7	21.6	20.9	18.5	15.7	11.6	
14		13.8	13.7	14.9	15.8	16.4	16.4	14.2	11.3	
16			9.9	11.1	11.9	12.6	13.1	13	10.1	
18			7.2	8.4	9.2	9.8	10.4	10.6	9.2	
20				6.4	7.2	7.7	8.3	8.5	8.3	
22				4.8	5.6	6.1	6.7	6.9	7.2	
24					4.3	4.9	5.4	5.6	5.9	
25					3.3	3.8	4.4	4.6	4.8	
28						3.0	3.5	3.7	3.9	
30							2.8	2.9	3.2	
32							2.2	2.3	2.6	
34								1.6	1.7	2.0
36									1.3	1.5
38										1.1
臂架 Reach (m)	12	10	8	6	5	4	4	3	2	
最小主臂仰角 Min.boom angle	20	22	23	24	25	26	27	28	29	
最大主臂仰角 Max.boom angle	71	77	77	78	80	81	81	81	81	
使用吊钩 Hook load	100吨吊钩(100Tkg) hook load: 100T				50吨吊钩(50Tkg) hook load: 50T					

表 3-2 table 3-2

幅度 Working radius (m)	19.2t 平衡重 全伸支腿 360° 作业 19.2t counterweight 360° swing on full-extended outriggers									
	主臂长度 (m) boom length									
3	12.8	17.2	21.6	26	30.4	34.8	39.2	43.6	48	
4	88	70	61							
5	70	61	54.3	42	40					
6	57	54	48.7	42	36.5	31.1				
7	47	47.5	44.1	38.6	33.5	29	24.5			
8	40.5	40	40.2	36.3	31.1	27.2	23.3	19.3		
9	34.5	36	36	32.3	28.7	25.4	21.8	18.4	14	
10	30	30	30	29.9	26.6	23.6	20.6	17.5	13.4	
12		23	22.8	24.1	23.3	20.9	18.5	15.7	11.6	
14		16.6	16.4	17.7	18.6	18.5	16.4	14.2	11.3	
16			12.2	13.4	14.2	14.9	14.9	13	10.1	
18			9.2	10.4	11.2	11.8	12.5	11.6	9.2	
20				8.1	8.9	9.5	10	10.2	8.3	
22				6.3	7.1	7.7	8.2	8.4	7.7	
24					5.7	6.2	6.8	7.0	7.1	
25					4.5	5.1	5.7	5.8	6.1	
28						4.6	4.7	4.8	5.1	
30						3.3	3.9	4.0	4.2	
32							3.2	3.3	3.5	
34							2.5	2.7	2.9	
36								2.1	2.4	
38								1.6	1.9	
40									1.5	
42									1.1	
臂架 Reach (m)	12	10	8	6	5	4	4	3	2	
最小主臂仰角 Min.boom angle	20	22	23	24	25	26	27	28	29	
最大主臂仰角 Max.boom angle	71	77	77	78	80	81	81	81	81	
使用吊钩 Hook load	100吨吊钩(100Tkg) hook load: 100T				50吨吊钩(50Tkg) hook load: 50T					

表 3-4 table 3-4

主臂仰角 boom angle	19.2t 平衡重 全伸支腿 侧、后方作业 19.2t counterweight on full-extended outriggers, boom over side or rear											
	48m 主臂 boom length 48m											
	10.6m 副臂 jib length 10.6m				18.1m 副臂 jib length 18.1m				18.1m 副臂 jib length 18.1m			
78°	7	13.3	5	15.7	3.5	17.9	3.6	15.3	2.7	19.5	2.1	23.2
75°	6.5	16.3	4.3	18.7	3.4	20.7	3.3	18.6	2.5	22.7	2.0	26.3
72°	6.0	19.2	4.0	21.5	3.3	23.5	3.1	21.9	2.4	25.9	1.9	29.3
70°	5.2	21.1	3.8	23.4	3.2	25.3	2.9	24	2.3	28	1.8	31.3
65°	4.5	25.7	3.6	27.9	3.1	29.7	2.7	29.2	2.2	33	1.7	36
60°	4	30.1	3.4	32.2	3	33.8	2.5	34.2	2	37.7	1.6	40.5
55°	3.5	34.3	3.2	36.2	2.9	37.7	2.3	38.9	1.9	42.2	1.5	44.5
50°	3	38.1	3	39.9	2.8	41.2	2.1	4				

