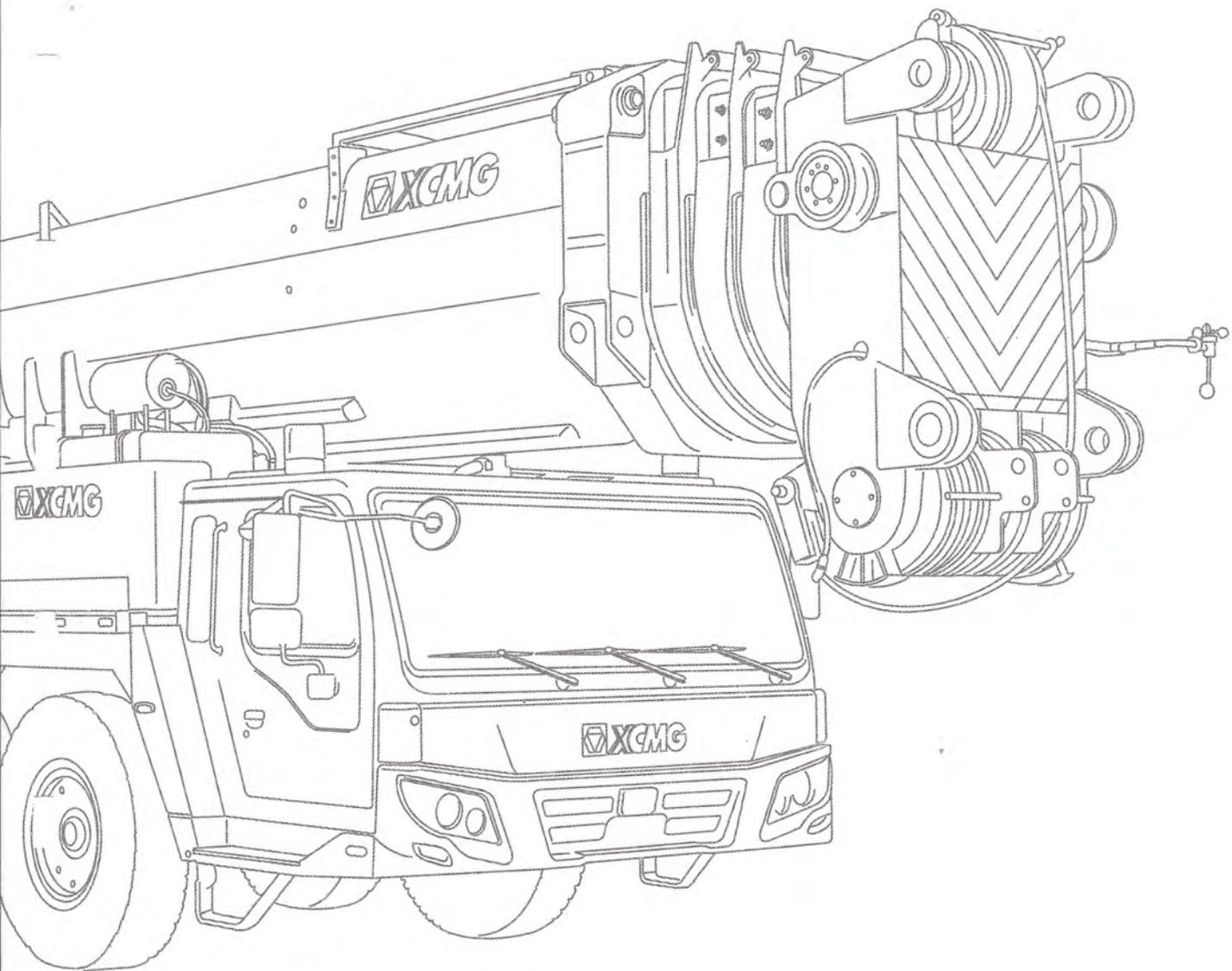




QY70K- | Truck Crane Operation Manual



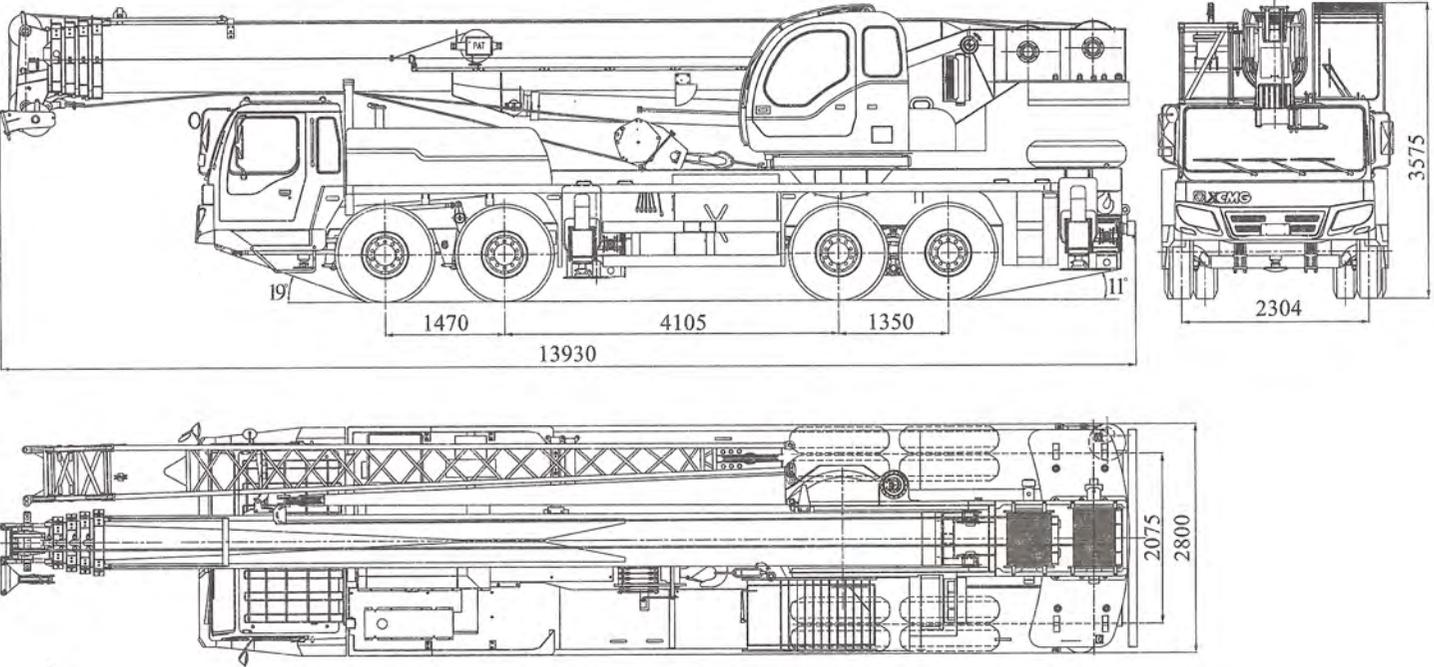


Fig. 3-1 QY70K-I Truck crane outline in travel configuration



Table 3-1 Main technical data of QY70K- I Truck crane in travel configuration

Category	Item		Unit	Parameter
Dimension	Overall length		mm	13930
	Overall width		mm	2800
	Overall height		mm	3575
	Wheel base	1st and 2nd Axle	mm	1470
		2nd and 3rd Axle	mm	4105
		3rd and 4th Axle	mm	1350
	Track	Front wheel	mm	2304
Rear wheel		mm	2075	
Weight	Total vehicle dead weight in travel configuration		kg	43000 (Auxiliary counterweight of 1t excluded)
	Axle load	1st and 2nd Axle	kg	17000
		3rd and 4th Axle	kg	26000
Power	Engine model			WD615.338
	Engine rated power		kW/(r/min)	276/2200
	Engine rated torque		N.m/(r/min)	1500/1400
	Engine rated speed		r/min	2100
Travel	Travel speed	Max. travel speed	km/h	80
		Min. stable travel speed	km/h	3
	Turning diameter	Min. turning diameter	m	24.0
		Turning diameter at boom tip	m	29.0
	Min. ground clearance		mm	327
	Approach angle		°	19
	Departure angle		°	11
	Braking distance (at 30 km/h)		m	≤10
	Max. grade ability		%	40
	Fuel consumption per 100 km		L	45


Table 3-2 Main technical data for lifting operation

Category	Item		Unit	Parameter	
Main performance	Max. total rated lifting capacity		t	70	
	Min. rated working radius		m	3	
	Turning radius at turntable tail		mm	3550	
	Max. load moment	Base boom	kN.m	2303	
		Fully-extended boom	kN.m	1129	
		Fully-extended boom + Jib	kN.m	580.2	
	Outrigger span	Longitudinal	m	6.1	
		Lateral	m	7.3	
	Lifting height	Base boom	m	11.8	
		Fully-extended boom	m	44.2	
		Fully-extended boom + Jib	m	59.4	
	Boom length	Base boom	m	11.6	
		Fully-extended boom	m	44.5	
Fully-extended boom + Jib		m	59.5		
Jib offset angle		°	0, 15, 30		
Working speed	Elevating time	Boom rising	s	60	
		Boom lowering	s	80	
	Telescoping time	Boom fully extending	s	150	
		Boom fully retracting	s	100	
	Max. slewing speed		m/min	2.0	
	Outrigger extending and retracting time	Outrigger beam	Simultaneously extending	s	30
			Simultaneously retracting	s	20
		Outrigger jack	Simultaneously extending	s	35
			Simultaneously retracting	s	30
	Hoisting speed (single line)	Main winch	Full load	m/min	75
			No load	m/min	130
		Auxiliary winch	Full load	m/min	98
			No load	m/min	108
Exterior noise level		dB (A)	≤122		

Table 3-3 QY70K-I Total Rated Lifting Load for Boom (on fully-extended outriggers of 7.3m, with counterweight of 4t)

On fully-extended outriggers, without front jack, boom over side or over rear; with front jack down, 360° swing operation																						
Radius (m)	Base boom 11.6m			Half-extended boom 15.71m			Half-extended boom 19.82m			Half-extended boom 25.98m			Half-extended boom 32.15m			Half-extended boom			Fully-extended boom 44.5m			
	Lifting load	Boom angle	Lifting height	Lifting load	Boom angle	Lifting height	Lifting load	Boom angle	Lifting height	Lifting load	Boom angle	Lifting height	Lifting load	Boom angle	Lifting height	Lifting load	Boom angle	Lifting height	Lifting load	Boom angle	Lifting height	
	(kg)	(°)	(m)	(kg)	(°)	(m)	(kg)	(°)	(m)	(kg)	(°)	(m)	(kg)	(°)	(m)	(kg)	(°)	(m)	(kg)	(°)	(m)	
3	70000	71.5	11.813																			
3.5	63500	68.8	11.584																			
4	54500	66.0	11.325	47500	73.1	15.838	40600	77.2	20.173													
5	47000	60.3	10.709	42600	69.2	15.418	38500	74.2	19.850		79.4	26.313										
6	38500	54.1	9.938	37000	65.1	14.912	34200	71.1	19.467	25500	77.1	26.029										
7	29500	47.3	8.965	28800	60.9	14.311	28500	67.9	19.019		74.8	25.701	18200	79.6	32.222							
8	22500	39.5	7.703	22300	56.4	13.602	22300	64.7	18.503	21500	72.4	25.327	17500	77.7	31.926	14100	80.0	38.339				
9	17800	29.8	5.929	17700	51.7	12.764	17600	61.3	17.911		70.0	24.905	16000	75.8	31.595	14100	78.7	38.065				
10				14400	46.6	11.767	14300	57.8	17.236	15500	67.6	24.432	14500	73.9	31.226	13200	77.2	37.762	9900	79.5	44.224	
12				9700	34.5	9.052	9600	50.4	15.586		62.6	23.321	11500	70.1	30.372	11200	74.0	37.064	9100	76.8	43.632	
14							6800	41.9	13.389	7800	57.2	21.960	8500	66.1	29.350	9000	70.8	36.237	8100	74.1	42.936	
16							4800	31.4	10.301		51.5	20.296	6500	61.9	28.140	6900	67.5	35.373	7200	71.4	42.130	
18										4400	45.3	18.239	5000	57.6	26.717	5400	64.1	34.160	5700	68.5	41.208	
20											38.1	15.624	3900	53.0	25.043	4300	60.5	32.881	4600	65.6	40.161	
22										2400	29.2	12.058	3000	48.0	23.059	3400	56.8	31.415	3700	62.6	38.979	
24													2300	42.5	20.671	2700	52.9	29.735	3000	59.6	37.648	
26													1700	36.2	17.707	2100	48.8	27.799	2400	56.4	36.153	

Table 3-3 QY70K-I Total Rated Lifting Load for Boom (on fully-extended outriggers of 7.3m, with counterweight of 4t)

On fully-extended outriggers, without front jack, boom over side or over rear; with front jack down, 360° swing operation																					
Radius (m)	Base boom 11.6m			Half-extended boom 15.71m			Half-extended boom 19.82m			Half-extended boom 25.98m			Half-extended boom 32.15m			Half-extended boom 38.31m			Fully-extended boom 44.5m		
	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)	Lifting load (kg)	Boom angle (°)	Lifting height (m)
28																1600	44.3	25.547	1900	53.0	34.471
30																1200	39.4	22.881	1500	49.5	32.571
32																900			1200	45.7	30.412
34																			800	41.6	27.93
36																			600	37.2	25.03
Parts of lift type	12			9			8			6			4			3			3		
Weight of hook block				616kg (Main hook block), 370kg (Hook block for Half-extended boom)																	

Table 3-4 QY70K-I Total Rated Lifting Load for Boom (on half-extended outrigger of 5m, with counterweight of 4t)

On half-extended of outrigger 5m, without front jack, boom over side or over rear; with front jack down, 360° swing operation																							
Radius (m)	Base boom 11.6m			Half-extended boom 15.71m			Half-extended boom 19.82m			Half-extended boom 25.98m			Half-extended boom 32.15m			Half-extended boom 38.31m			Fully-extended boom 44.5m				
	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)	Lifting load (kg)	Boom angle (°)	Lifting height (m)		
3	70000	71.5	11.813																				
3.5	63500	68.8	11.584																				
4	54500	66.0	11.325	47500	73.1	15.838	40600	77.2	20.173														
5	31900	60.3	10.709	31700	69.2	15.418	31600	74.2	19.850	27600	79.4	26.313											
6	21400	54.1	9.938	21200	65.1	14.912	21100	71.1	19.467	22600	77.1	26.029											
7	15500	47.3	8.965	15300	60.9	14.311	15300	67.9	19.019	16600	74.8	25.701	17400	79.6	32.222								
8	11800	39.5	7.703	11600	56.4	13.602	11500	64.7	18.503	12700	72.4	25.327	13500	77.7	31.926	14000	80.0	38.339					
9	9200	29.8	5.929	9000	51.7	12.764	8900	61.3	17.911	10100	70.0	24.905	10800	75.8	31.595	11300	78.7	38.065					
10				7100	46.6	11.767	7000	57.8	17.236	8100	67.6	24.432	8800	73.9	31.226	9300	77.2	37.762	9600	79.5	44.224		
12				4500	34.5	9.052	4400	50.4	15.586	5500	62.6	23.321	6100	70.1	30.372	6500	74.0	37.064	6900	76.8	43.632		
14								2800	41.9	13.389	3700	57.2	21.960	4300	66.1	29.350	4700	70.8	36.237	5100	74.1	42.936	
16								1500	31.4	10.301	2500	51.5	20.296	3100	61.9	28.140	3500	67.5	35.373	3800	71.4	42.130	
18												1600	45.3	18.239	2200	57.6	26.717	2500	64.1	34.160	2800	68.5	41.208
20												900	38.1	15.624	1400	53.0	25.043	1800	60.5	32.881	2100	65.6	40.161
22															900	48.0	23.059	1200	56.8	31.415	1500	62.6	38.979
24																	800	52.9	29.735	1100	59.6	37.648	
26																				700	56.4	36.153	

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Table 3-4 QY70K-I Total Rated Lifting Load for Boom (on half-extended outrigger of 5m, with counterweight of 4t)

On half-extended of outrigger 5m, without front jack, boom over side or over rear; with front jack down, 360° swing operation																					
Lifting load (kg)	Base boom 11.6m			Half-extended boom 15.71m			Half-extended boom 19.82m			Half-extended boom 25.98m			Half-extended boom 32.15m			Half-extended boom 38.31m			Fully-extended boom 44.5m		
	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)	Lifting load (kg)	Boom angle (°)	Lifting height (m)
	Parts of line	12			9			8			6			4			3			3	
Weight of hook block				616kg (Main hook block), 370kg (Hook block for Half-extended boom)																	



Table 3-5 QY70K-I Total Rated Lifting Load for Boom (on fully-extend outriggers of 7.3m, with counterweight of 5t)

On fully-extended outriggers of 7.3m, without front jack, boom over side or over rear; with front jack down, 360° swing operation																						
Lifting load (kg)	Base boom 11.6m			Half-extended boom 15.71m			Half-extended boom 19.82m			Half-extended boom 25.98m			Half-extended boom 32.15m			Half-extended boom 38.31m			Fully-extended boom 44.5m			
	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)	Lifting load (kg)	Boom angle (°)	Lifting height (m)	
	3	70000	71.5	11.813																		
3.5	63500	68.8	11.584																			
4	54500	66.0	11.325	47500	73.1	15.838	40600	77.2	20.173													
5	47000	60.3	10.709	42600	69.2	15.418	38500	74.2	19.850	27600	79.4	26.313										
6	38500	54.1	9.938	37000	65.1	14.912	34200	71.1	19.467	25500	77.1	26.029										
7	30000	47.3	8.965	29000	60.9	14.311	28800	67.9	19.019	23500	74.8	25.701	18200	79.6	32.222							
8	23500	39.5	7.703	23000	56.4	13.602	23000	64.7	18.503	21500	72.4	25.327	17500	77.7	31.926	14100	80.0	38.339				
9	18600	29.8	5.929	18500	51.7	12.764	18300	61.3	17.911	19000	70.0	24.905	16000	75.8	31.595	14100	78.7	38.065				
10				15000	46.6	11.767	15000	57.8	17.236	16000	67.6	24.432	14500	73.9	31.226	13200	77.2	37.762	9900	79.5	44.224	
12				10300	34.5	9.052	10300	50.4	15.586	11300	62.6	23.321	12000	70.1	30.372	11200	74.0	37.064	9100	76.8	43.632	
14							7300	41.9	13.389	8300	57.2	21.960	9000	66.1	29.350	9500	70.8	36.237	8100	74.1	42.936	
16							5200	31.4	10.301	6300	51.5	20.296	6900	61.9	28.140	7300	67.5	35.373	7200	71.4	42.130	
18										4700	45.3	18.239	5400	57.6	26.717	5800	64.1	34.160	5950	68.5	41.208	
20										3600	38.1	15.624	4200	53.0	25.043	4600	60.5	32.881	4600	65.6	40.161	
22										2700	29.2	12.058	3300	48.0	23.059	3700	56.8	31.415	3800	62.6	38.979	
24													2600	42.5	20.671	3000	52.9	29.735	3100	59.6	37.648	
26													2000	36.2	17.707	2400	48.8	27.799	2500	56.4	36.153	

Table 3-5 QY70K-I Total Rated Lifting Load for Boom (on fully-extend outriggers of 7.3m, with counterweight of 5t)

On fully-extended outriggers of 7.3m, without front jack, boom over side or over rear; with front jack down, 360° swing operation																						
Lifting load (kg)	Base boom 11.6m			Half-extended boom 15.71m			Half-extended boom 19.82m			Half-extended boom 25.98m			Half-extended boom 32.15m			Half-extended boom 38.31m			Fully-extended boom 44.5m			
	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)	Lifting load (kg)	Boom angle (°)	Lifting height (m)	
	28																1900	44.3	25.547	2000	53.0	34.471
30																1400	39.4	22.881	1600	49.5	32.571	
32																1100			1300	45.7	30.412	
34																			1000	41.6	27.93	
36																			700	37.2	25.03	
Parts of line	12			9			8			6			4			3			3			
Weight of hook block				616kg (Main hook block), 370kg (Hook block for Half-extended boom)																		

Table 3-6 QY 70K-I Total Rated Lifting Load for Boom (on half-extended outriggers of 5m, with counterweight of 5t)

On half-extended outriggers of 5m, without front jack, boom over side or over rear; with front jack down, 360° operation of the boom																					
Lifting load (kg)	Base boom 11.6m			Half-extended boom 15.71m			Half-extended boom 19.82m			Half-extended boom 25.98m			Half-extended boom 32.15m			Half-extended boom 38.31m			Fully-extended boom 44.5m		
	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)	Lifting load (kg)	Boom angle (°)	Lifting height (m)
	3	70000	71.5	11.813																	
3.5	63500	68.8	11.584																		
4	54500	66.0	11.325	47500	73.1	15.838	40600	77.2	20.173												
5	33600	60.3	10.709	33400	69.2	15.418	33400	74.2	19.850	27600	79.4	26.313									
6	22600	54.1	9.938	22400	65.1	14.912	22300	71.1	19.467	23800	77.1	26.029									
7	16500	47.3	8.965	16300	60.9	14.311	16200	67.9	19.019	17500	74.8	25.701	18200	79.6	32.222						
8	12600	39.5	7.703	12400	56.4	13.602	12300	64.7	18.503	13500	72.4	25.327	14300	77.7	31.926	14100	80.0	38.339			
9	9800	29.8	5.929	9700	51.7	12.764	9600	61.3	17.911	10700	70.0	24.905	11400	75.8	31.595	11900	78.7	38.065			
10				7700	46.6	11.767	7600	57.8	17.236	8700	67.6	24.432	9400	73.9	31.226	9800	77.2	37.762	9900	79.5	44.224
12				5000	34.5	9.052	4900	50.4	15.586	5900	62.6	23.321	6500	70.1	30.372	7000	74.0	37.064	7300	76.8	43.632
14							3100	41.9	13.389	4100	57.2	21.960	4700	66.1	29.350	5100	70.8	36.237	5400	74.1	42.936
16							1900	31.4	10.301	2800	51.5	20.296	3400	61.9	28.140	3800	67.5	35.373	4100	71.4	42.130
18										1900	45.3	18.239	2400	57.6	26.717	2800	64.1	34.160	3100	68.5	41.208
20										1100	38.1	15.624	1700	53.0	25.043	2100	60.5	32.881	2300	65.6	40.161
22										500	29.2	12.058	1100	48.0	23.059	1500	56.8	31.415	1700	62.6	38.979
24													600	42.5	20.671	1000	52.9	29.735	1200	59.6	37.648
26																600	48.8	27.799	800	56.4	36.153
28																			500	53.0	34.471

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Table 3-6 QY 70K-I Total Rated Lifting Load for Boom (on half-extended outriggers of 5m, with counterweight of 5t)

On half-extended outriggers of 5m, without front jack, boom over side or over rear; with front jack down, 360° operation of the boom																					
Lifting load (kg)	Base boom 11.6m			Half-extended boom 15.71m			Half-extended boom 19.82m			Half-extended boom 25.98m			Half-extended boom 32.15m			Half-extended boom 38.31m			Fully-extended boom 44.5m		
	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)	Lifting load (kg)	Boom angle (°)	Lifting height (m)
	Parts of line	12			9			8			6			4			3			3	
Weight of hook block				616kg (Main hook block), 370kg (Hook block for Half-extended boom)																	

Table 3-7 QY70K-I Total Rated Lifting Load for Jib (with counterweight of 4t)

On fully-extended outriggers of 7.3m, without front jack, boom over side or over rear; with front jack down, 360° operation of the boom																		
Boom length	44.5m																	
Jib length	8.5m									15m								
Jib offset	0°			15°			30°			0°			15°			30°		
Boom angle	Lifting load (kg)	Radius (m)	Lifting height (m)	Lifting load (kg)	Radius (m)	Lifting height (m)	Lifting load (kg)	Radius (m)	Lifting height (m)	Lifting load (kg)	Radius (m)	Lifting height (m)	Lifting load (kg)	Radius (m)	Lifting height (m)	Lifting load (kg)	Radius (m)	Lifting height (m)
78	4000	13.2	53.6	2700	15.2	52.9	2400	16.8	51.7	2500	14.7	59.4	1400	18.1	58.1	1100	21	55.9
75	3600	15.9	52.8	2500	17.8	51.9	2300	19.4	50.7	2100	17.7	58.5	1250	21	57.0	1040	23.8	54.7
72	3200	18.5	51.8	2300	20.4	50.9	2200	21.9	49.5	1800	20.6	57.4	1150	23.8	55.7	990	26.5	53.3
70	2900	20.3	51.1	2200	22.1	50.1	2100	23.6	48.7	1700	22.5	56.6	1100	25.7	54.8	950	28.3	52.3
65	2400	24.5	49.0	2000	26.2	47.9	1900	27.5	46.3	1400	27.2	54.3	950	30.2	52.3	880	32.5	49.5
60	1800	28.5	46.6	1700	30.1	45.3	1600	31.3	43.7	1200	31.6	51.6	850	34.4	49.3	800	36.5	46.4
55	1100	32.2	43.9	1100	33.7	42.4	1000	34.8	40.7	700	35.8	48.6	650	38.4	46.0	550	40.3	42.9
50	700	35.8	40.8	600	37.1	39.2	600	38	37.4	300	39.8	45.2	300	42.1	42.4	300	43.7	39.1
With Half-extended outrigger of 5m, without front jack, boom over side or over rear; with front jack down, 360° swing operation																		
78	4000	13.2	53.6	2700	15.2	52.9	2400	16.8	51.7	2500	14.7	59.4	1400	18.1	58.1	1100	21	55.9
75	3500	15.9	52.8	2500	17.8	51.9	2300	19.4	50.7	2100	17.7	58.5	1250	21	57.0	1040	23.8	54.7
72	2400	18.5	51.8	2200	20.4	50.9	2000	21.9	49.5	1800	20.6	57.4	1150	23.8	55.7	990	26.5	53.3
70	1900	20.3	51.1	1700	22.1	50.1	1600	23.6	48.7	1350	22.5	56.6	1100	25.7	54.8	900	28.3	52.3
65	900	24.5	49.0	900	26.2	47.9	800	27.5	46.3	550	27.2	54.3	500	30.2	52.3	400	32.5	49.5
60	350	28.5	46.6	320	30.1	45.3	300	31.3	43.7									
Weight of hook block	100kg																	

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Table 3-8 QY70K-I Total Rated Lifting Load for Jib (with counterweight of 5t)

On fully-extended outriggers of 7.3m, without front jack, boom over side or over rear; with front jack down, 360° operation of the boom																		
Boom length	44.5m																	
Jib length	8.5m									15m								
Jib offset	0°			15°			30°			0°			15°			30°		
Boom angle	Lifting load (kg)	Radius (m)	Lifting height (m)	Lifting load (kg)	Radius (m)	Lifting height (m)	Lifting load (kg)	Radius (m)	Lifting height (m)	Lifting load (kg)	Radius (m)	Lifting height (m)	Lifting load (kg)	Radius (m)	Lifting height (m)	Lifting load (kg)	Radius (m)	Lifting height (m)
78	4000	13.2	53.6	2700	15.2	52.9	2400	16.8	51.7	2500	14.7	59.4	1400	18.1	58.1	1100	21	55.9
75	3600	15.9	52.8	2500	17.8	51.9	2300	19.4	50.7	2100	17.7	58.5	1250	21	57.0	1040	23.8	54.7
72	3200	18.5	51.8	2300	20.4	50.9	2200	21.9	49.5	1800	20.6	57.4	1150	23.8	55.7	990	26.5	53.3
70	2900	20.3	51.1	2200	22.1	50.1	2100	23.6	48.7	1700	22.5	56.6	1100	25.7	54.8	950	28.3	52.3
65	2400	24.5	49.0	2000	26.2	47.9	1900	27.5	46.3	1400	27.2	54.3	950	30.2	52.3	880	32.5	49.5
60	2000	28.5	46.6	1800	30.1	45.3	1700	31.3	43.7	1200	31.6	51.6	850	34.4	49.3	830	36.5	46.4
55	1300	32.2	43.9	1200	33.7	42.4	1100	34.8	40.7	800	35.8	48.6	700	38.4	46.0	600	40.3	42.9
50	800	35.8	40.8	650	37.1	39.2	600	38	37.4	500	39.8	45.2	400	42.1	42.4	350	43.7	39.1
With Half-extended outrigger of 5m, without front jack, boom over side or over rear; with front jack down, 360° operation of the boom																		
78	4000	13.2	53.6	2700	15.2	52.9	2400	16.8	51.7	2500	14.7	59.4	1400	18.1	58.1	1100	21	55.9
75	3600	15.9	52.8	2500	17.8	51.9	2300	19.4	50.7	2100	17.7	58.5	1250	21	57.0	1040	23.8	54.7
72	2700	18.5	51.8	2300	20.4	50.9	2200	21.9	49.5	1800	20.6	57.4	1150	23.8	55.7	990	26.5	53.3
70	2100	20.3	51.1	1900	22.1	50.1	1800	23.6	48.7	1600	22.5	56.6	1100	25.7	54.8	950	28.3	52.3
65	1100	24.5	49.0	1000	26.2	47.9	1000	27.5	46.3	700	27.2	54.3	600	30.2	52.3	500	32.5	49.5
60	500	28.5	46.6	400	30.1	45.3	400	31.3	43.7	200	31.6	51.6						
Weight of hook block	100kg																	

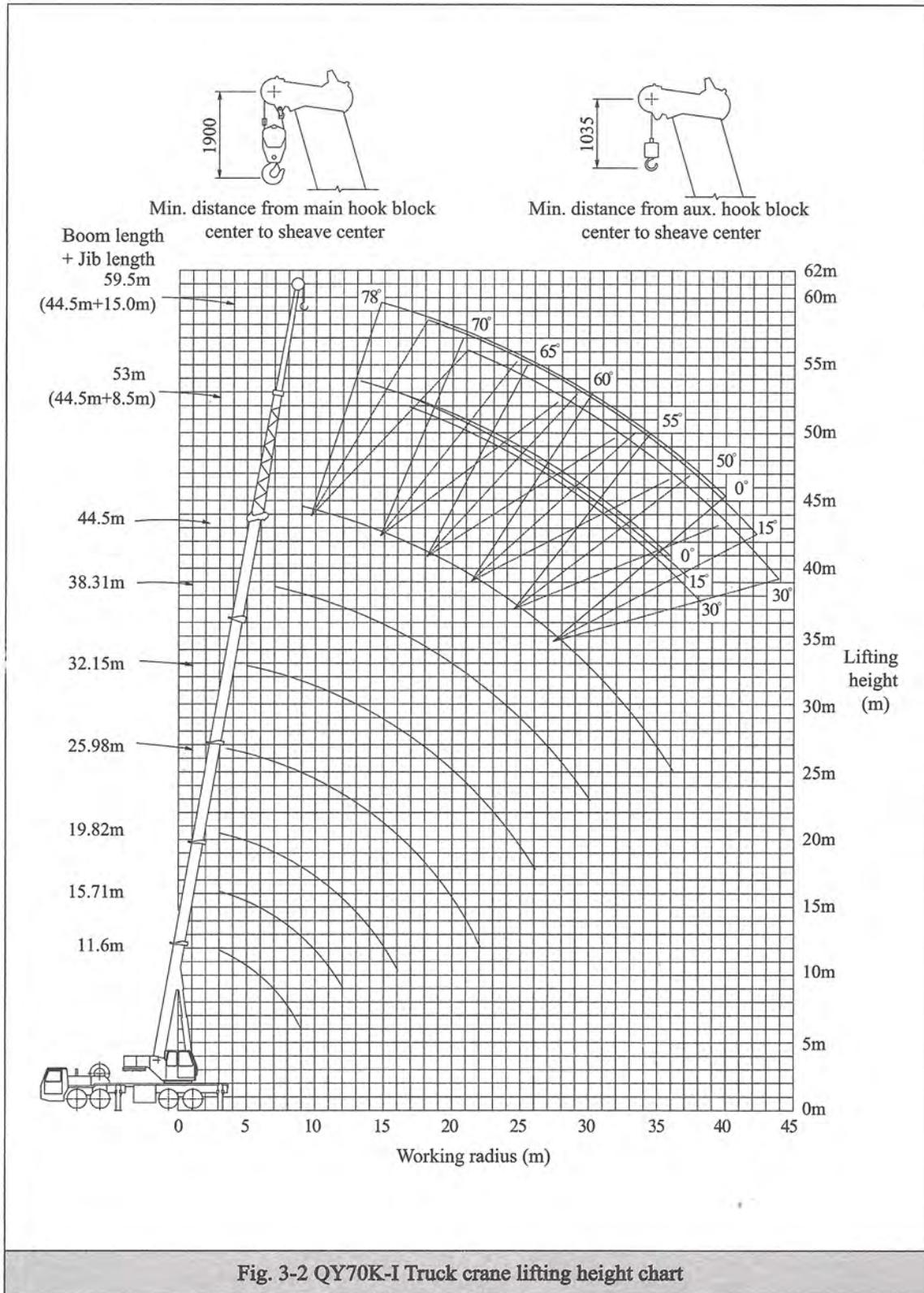
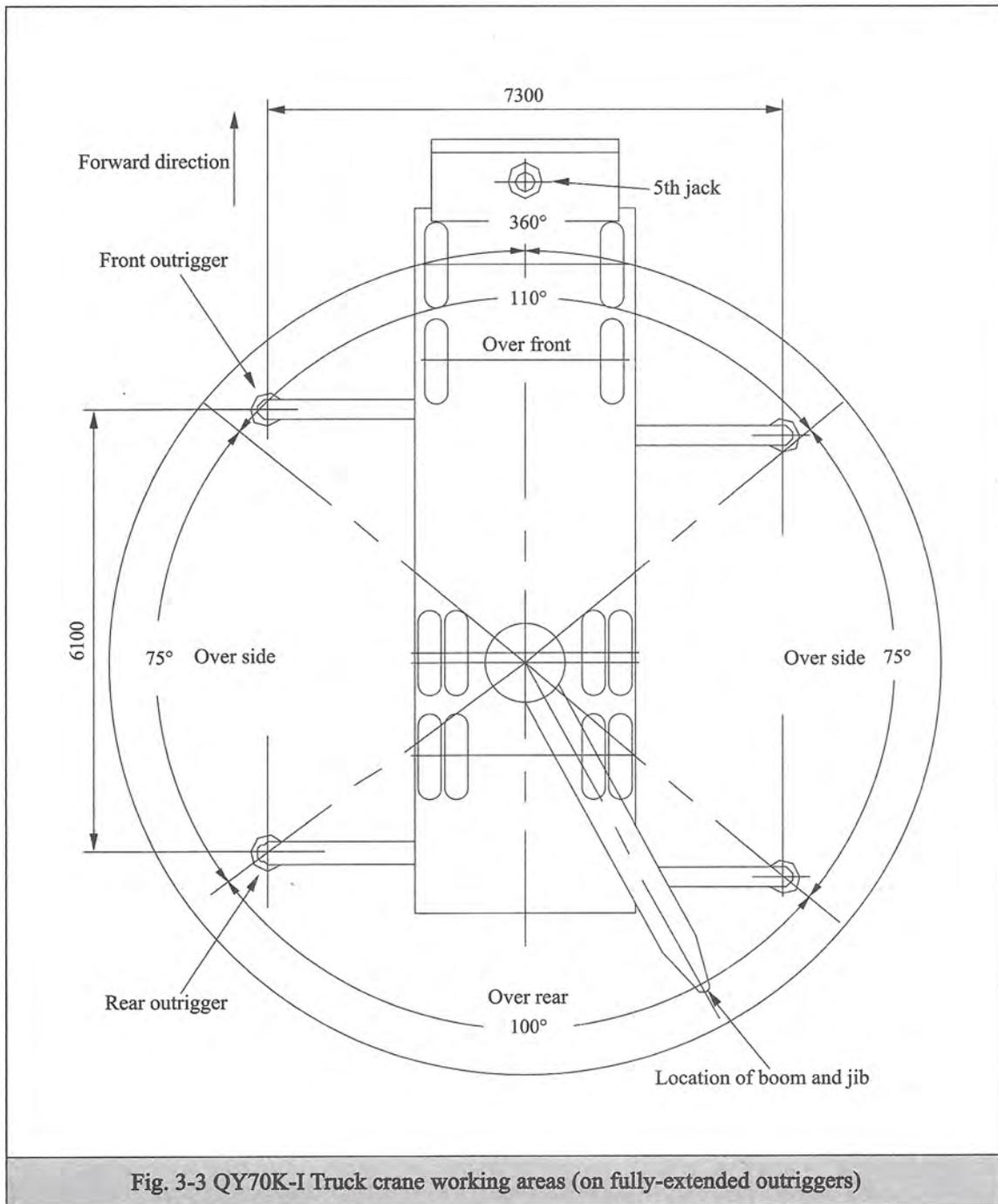


Fig. 3-2 QY70K-I Truck crane lifting height chart



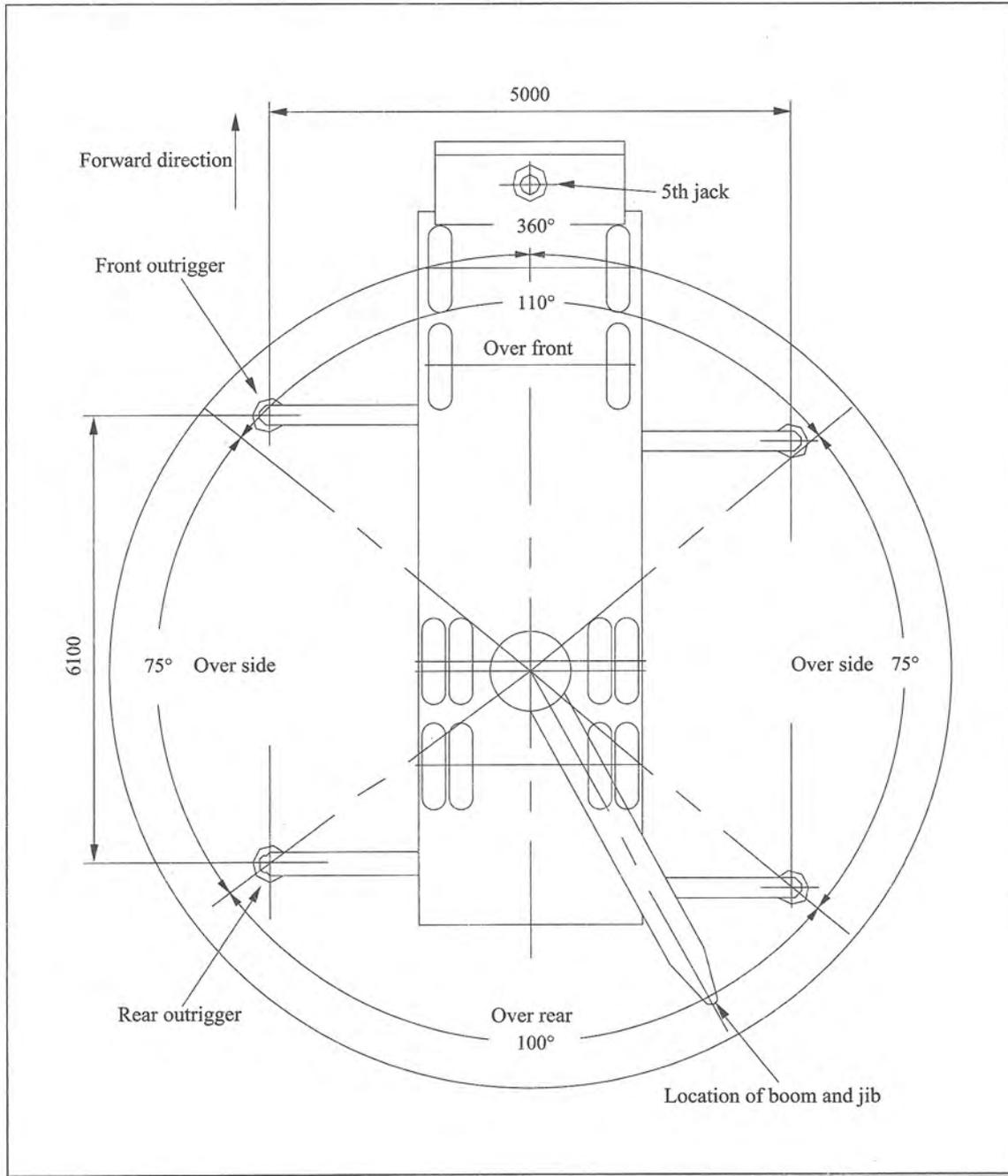


Fig. 3-4 QY70K-I Truck crane working areas (on half-extended outriggers)