

QY50K-II汽车起重机 QY50K-II
HYDRAULIC
TRUCK CRANE



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Please contact with our district agent:

Materials and specifications are subject to change with out notice.

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More optimized, advanced, reliable, safe and environmental,
Every crane is infused into new technology and painstaking effort,
Every owner has more steadfast, economical and unhindered experience...

技术参数 TECHNICAL SPECIFICATIONS

QY50K-II

 尺寸参数 Dimensions	Unit	
整体全长 Overall length	mm	13770
整机全宽 Overall width	mm	2800
整机全高 Overall height	mm	3570
 重量参数 Weight		
行驶状态整机质量 Dead weight in travel state	kg	41000
前轴轴荷 Front axle load	kg	15000
后轴轴荷 Rear axle load	kg	26000
 动力参数 Power		
发动机型号 Engine model	Euro III Hangfa WD615.338	
发动机额定功率 Engine rated output	kW/(r/min)	247/2200
发动机额定扭矩 Engine rated torque	N.m/(r/min)	1350/1400
 行驶参数 Travel		
最高行驶速度 Max.travel speed	km.h	80
最小转弯直径 Min.turning diameter	m	24
最小离地间隙 Min.ground clearance	mm	327
接近角 Approach angle	°	16/17
离去角 Departure angle	°	11
最大爬坡能力 Max.gradeability	%	40
百公里油耗 Fuel consumption of per 100km	L	42
 主要性能参数 Lifting performance		
最大额定总起重量 Max.total rated lifting load	t	50
最小额定工作幅度 Min.rated working radius	mm	3
转台尾部回转半径 Turning radius at swing table tail	m	3.482
最大起重力矩 Max.load moment	kN.m	1764
基本臂 Base boom	m	11.3
最长主臂 Fully-extended boom	m	42.7
最长主臂+副臂 Full-extended boom+Jib	m	57.7
支腿纵向距离 Outrigger longitudinal distance span	m	5.91
支腿横向距离 Outriggerdteral distance span	m	6.9
 工作速度参数 Working speed		
起重臂变幅时间 Boom elevating time	s	88
起重臂全伸时间 Boom full extending time	s	180
最大回转速度 Max.slewing speed	r/min	2.0
主起升机构最大速度(单绳) Main winch max.speed(single line)	m/min	110
副起升机构最大速度(单绳) Auxiliary winch max.speed(single line)	m/min	110

起重性能表 TOTAL RATED LIFTING LOAD

 QY50K-II主臂起重性能表 Total rated lifting load for boom (椭圆形截面起重臂，支腿半伸4.7m)							
全伸水平支腿，不支第五支腿，侧方、后方作业；全伸水平支腿，支好第五支腿，360° 全回转作业 Full-extend outrigger, without the 5th outrigger, boom at the side or the rear, or with the 5th outrigger, 360° swing							
工作幅度 Working radius (m)	基本臂 Base boom 11.30	中长臂 Mid-extend boom 15.22	中长臂 Mid-extend boom 19.15	中长臂 Mid-extend boom 25.03	中长臂 Mid-extend boom 30.92	中长臂 Mid-extend boom 36.81	全伸臂 Full-extend boom 42.70
	起重量 Lifting Load (kg)	起重量 Lifting Load (kg)	起重量 Lifting Load (kg)	起重量 Lifting Load (kg)	起重量 Lifting Load (kg)	起重量 Lifting Load (kg)	起重量 Lifting Load (kg)
3.0	50000						
3.5	50000						
4.0	44000	40000	33000				
4.5	40000	37000	31200	24500			
5.0	36000	34000	29300	22500			
5.5	31500	31000	27500	21000			
6.0	26500	30000	26000	20000	16500		
7.0	22000	25300	24000	18200	15000	12800	
8.0	19400	19400	19400	16500	13800	12000	
9.0	15400	15400	15400	15300	12500	11100	9000
10.0		12400	12400	13600	11300	10100	9000
12.0		8300	8300	9400	10100	8800	7800
14.0			5800	6800	7400	7800	6800
16.0			4000	5000	5600	6100	6000
18.0				3700	4300	4700	5000
20.0				2800	3300	3700	4000
22.0				2000	2500	2900	3200
24.0					1900	2300	2600
26.0					1400	1800	2000
28.0						1300	1600
30.0						900	1200
32.0							900
倍率 Parts of line	12	9	8	6	4	3	3
主臂最小仰角 Min. boom angle	25.9°	30.1°	27.2°	24.1°	32.0°	35.8°	42.8°
主臂最大仰角 Max. boom angle	70.3°	72.1°	76.4°	79.8°	80.0°	80.0°	80.0°
吊钩重量 Weight of hook block	515kg						

 QY50K-II副臂起重性能表 Total rated lifting load for jib (椭圆形截面起重臂，支腿全伸6.9m)						
全伸水平支腿，不支第五支腿，侧方、后方作业；全伸水平支腿，支好第五支腿，360° 全回转作业 Full-extend outrigger, without the 5th outrigger, boom at the side or the rear, or with the 5th outrigger, 360° swing						
主臂 Boom 42.7m	补偿角 Offset angle 0°		补偿角 Offset angle 15°		补偿角 Offset angle 30°	
主臂仰角 Boom Angle (°)	副臂 Jib 8.5m	副臂 Jib 15m	副臂 Jib 8.5m	副臂 Jib 15m	副臂 Jib 8.5m	副臂 Jib 15m
	起重量 Lift Load (kg)	起重量 Lift Load (kg)	起重量 Lift Load (kg)	起重量 Lift Load (kg)	起重量 Lift Load (kg)	起重量 Lift Load (kg)
78	4000	2500	2700	1400	2400	1100
75	3600	2100	2500	1250	2300	1000
72	3200	1800	2300	1150	2200	990
70	2900	1700	2200	1100	2100	950
65	2300	1400	2000	950	1900	850
60	1800	1100	1600	800	1500	750
55	1000	800	1000	700	900	650
50	600	500	500	400	500	400
倍率 Parts of line	1					
吊钩重量 Weight of hook block	100kg					

QY50K-II 主臂起重性能表 Total rated lifting load for boom （椭圆形截面起重臂，支腿半伸4.7m）							
全伸水平支腿，不支第五支腿，侧方、后方作业；全伸水平支腿，支好第五支腿，360° 全回转作业 Full-extend outrigger, without the 5th outrigger, boom at the side or the rear, or with the 5th outrigger, 360° swing							
工作幅度 Working Radius (m)	基本臂 Base boom 11.3m	中长臂 Mid-extend boom 15.22m	中长臂 Mid-extend boom 19.15m	中长臂 Mid-extend boom 25.03m	中长臂 Mid-extend boom 30.92m	中长臂 Mid-extend boom 36.81m	全伸臂 Full-extend boom 42.7m
	起重量 Lifting Load (kg)	起重量 Lifting Load (kg)	起重量 Lifting Load (kg)	起重量 Lifting Load (kg)	起重量 Lifting Load (kg)	起重量 Lifting Load (kg)	起重量 Lifting Load (kg)
3.0	46300						
3.5	46300						
4.0	46300	40000	33000				
4.5	34400	34400	31200	24500			
5.0	27000	27000	27000	22500			
5.5	22000	22000	22000	21000			
6.0	18300	18200	18200	19600	16500		
7.0	13300	13200	13200	14400	15000	12800	
8.0	10100	10000	10000	11100	11800	12000	
9.0	7800	7700	7700	8800	9400	9900	9000
10.0		6100	6100	7100	7700	8100	8500
12.0		3800	3700	4700	5300	5700	6000
14.0			2200	3100	3700	4100	4400
16.0			1100	2000	2600	3000	3300
18.0				1200	1800	2100	2400
20.0				600	1100	1500	1700
22.0					600	1000	1200
24.0						500	800
26.0							500
倍率 Parts of line	12	9	8	6	4	3	3
主臂最小仰角 Min.boom angle	25.9°	30.1°	27.2°	34.6°	45.3°	50.7°	54.4°
主臂最大仰角 Max.boom angle	70.3°	72.1°	76.4°	79.8°	80.7°	80.0°	80.0°
吊钩重量 Weight of hook block	515kg						

QY50K-II副臂起重性能表 Total rated lifting load for jib （椭圆形截面起重臂，支腿全伸4.7m）						
全伸水平支腿，不支第五支腿，侧方、后方作业；全伸水平支腿，支好第五支腿，360° 全回转作业 Full-extend outrigger, without the 5th outrigger, boom at the side or the rear, or with the 5th outrigger, 360° swing						
主臂 Boom 42.7m	补偿角 Offset angle 0°		补偿角 Offset angle 15°		补偿角 Offset angle 30°	
主臂仰角 Boom Angle (°)	副臂 Jib 8.5m	副臂 Jib 15m	副臂 Jib 8.5m	副臂 Jib 15m	副臂 Jib 8.5m	副臂 Jib 15m
	起重量 Lift Load (kg)	起重量 Lift Load (kg)	起重量 Lift Load (kg)	起重量 Lift Load (kg)	起重量 Lift Load (kg)	起重量 Lift Load (kg)
78	4000	2000	2700	1400	2400	1100
75	3600	2000	2500	1250	2300	1000
72	2800	1800	2300	1150	2200	950
70	2200	1700	2000	1100	1800	900
65	1200	900	1100	700	1100	600
60	600	300	500	200	500	200
倍率 Parts of line	1					
吊钩重量 Weight of hook block	100kg					

