

徐工 K系列 II O I I

系列
汽车
起重
机

性能全覆盖领先，主臂全长55.0米，中长臂性能领先5%左右，爬坡度45%，路面适应性高。

All performances are in the lead; the length of fully extended main boom is 55.0 m, and grade ability is 40%, higher road possibility. The capacity of mid-extended boom is 5% over the same-class products made by other manufacturers.

独有的“U”形起重臂，插入式臂头，吊重受力更均衡，吊重更平顺。

Particular U-shaped boom and plug-in boom head makes the tension applied to the boom more equilibrant and smooth.

专有伸缩技术防止误操作，臂架伸缩更安全、更可靠。

Exclusive telescoping technology prevents occurrence by mis-operation, and therefore operation safety is improved.

八项专利优化操作系统，起升、回转、变幅轻松可靠。

Eight patents technologies and optimized operating system contribute to easy and reliable operations of lifting, slewing and elevating.

六大专有工艺技术提供品质保障，产品保值率高。

Six specialized processing techniques supply insurance for product quality.

www.xzxx.com.cn

QY90KA 汽车起重机

QY90KA TRUCK CRANE

服务热线 Service Tel : 400-110-9999

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QY90KA 汽车起重机 QY90KA
TRUCK CRANE



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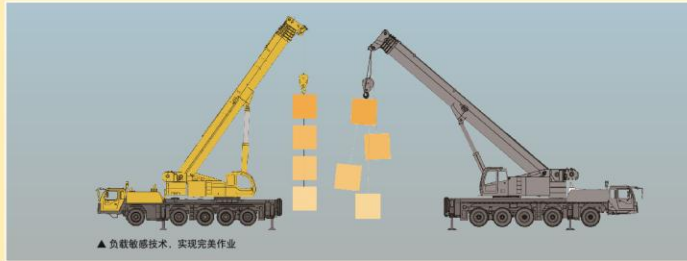
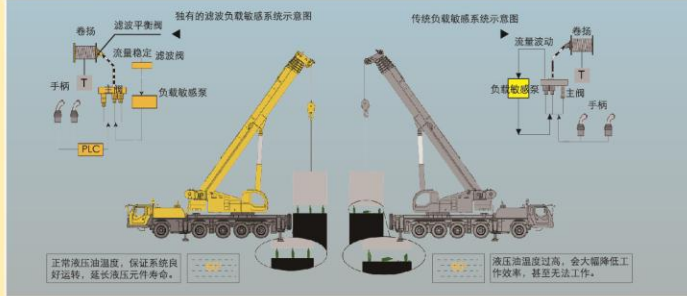
QY90KA 亮点优势展示



创新吊臂系统，采用嵌入式滑块、插入式臂头专利技术与国际先进的“U”形截面吊臂，吊重性能卓越，吊重工作安全可靠。
Innovated boom system with inserted sliders, plug-in boom head of patented technology and world advanced shaped boom cross section makes excellent lifting capacity, safe and reliable lifting operations.



专有的伸缩技术，避免由误操作引起的芯管弯曲、油缸弯曲、臂架折断情况的出现，提高操作安全性。
Exclusive telescoping technology prevents occurrence of core pipe bending, oil cylinder bending and boom breaking caused by mis-operation, and therefore operation safety is improved.



力矩限制器采用彩色液晶显示器，实现故障诊断智能化，精度领先同行业。
Load moment limiter with color LCD realizes intelligent trouble diagnostic, and its precision leads in the same-class products in the industry.



人性化设计的驾驶室与操纵室，空间更大，操作灵活简便。
Ergonomic design cabs for driver and operator are spacious enough for flexible and convenient operations.



六大专有工艺制造技术，确保高品质产出。
Six specialized processing techniques ensure high quality production.

技术参数 TECHNICAL SPECIFICATIONS

QY90KA

尺寸参数 Dimensions	Unit	
整体全长 Overall length	mm	14700
整机全宽 Overall width	mm	2800
整机全高 Overall height	mm	3900
重量参数 Weight		
行驶状态整机质量 Dead weight in travel state	kg	53000
一轴 二轴 三轴 1st.2nd.3rd axle	kg	9000/9000/13000
四轴 五轴 4th.5th axle	kg	13000/9000
动力参数 Power		
发动机型号(上车/下车) Engine model		BF6M1013EC / WP12.430N TAD720VE / OM457LAIII/9
发动机额定功率(上车/下车) Engine rated output	kW/(r/min)	(174/2300) / (316/1900) (174/2300) / (315/1900)
发动机最大扭矩(上车/下车) Engine max torque	N.m/(r/min)	(854/1400) / (2060/1000-1400) (855/1400) / (2100/1100)
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	23
最小离地间隙 Min.ground clearance	mm	315
接近角 Approach angle	°	20
离去角 Departure angle	°	16
最大爬坡能力 Max.gradeability	%	45
百公里油耗 Fuel consumption of per 100km	L	60
主要性能参数 Lifting performance		
最大额定总起重量 Max.total rated lifting load	t	90
最小额定幅度 Min.rated working radius	mm	3
转台尾部回转半径 Turning radius at swing table tail	m	4510
最大起重力矩 Max.load moment	kN.m	3234
基本臂 Base boom	m	12.3
最长主臂 Fully-extended boom	m	55
最长主臂+副臂 Full-extended boom+Jib	m	71
支腿纵向距离 Outrigger longitudinal distance span	m	7.5
支腿横向距离 Outrigger lateral distance span	m	7.1
工作速度参数 Working speed		
起重臂变幅时间 Boom elevating time	s	75
起重臂全伸全缩时间 Boom full extending time	s	600
最大回转速度 Max.slewing speed	r/min	≥ 2
主起升机构最大速度(单绳) Main winch max.speed(single line)	m/min	≥ 120
副起升机构最大速度(单绳) Auxiliary winch max.speed(single line)	m/min	≥ 85



QY90KA 主臂起重性能表 Total rated lifting load for boom

17吨配重支腿全伸
Full-extend outrigger with 17t counterweight

工作幅度 Working Radius	臂长 Boom length												
	(m)	12.3	16.23	20.16	24.09	28.01	31.94	35.87	39.80	43.73	47.66	51.58	55
3.0	90.0	80.0											
3.5	84.0	75.0	63.5										
4.0	78.0	70.0	59.7	54.3									
4.5	70.0	67.0	56.3	51.1									
5.0	64.0	60.0	53.5	48.3	42.3	37.5							
6.0	55.0	52.0	48.3	43.3	38.1	34.1	30.1						
7.0	46.0	44.0	44.1	39.1	34.5	31.1	27.7						
8.0	40.0	37.0	40.7	35.7	31.7	28.7	25.7	22.7					
9.0	32.5	31.0	33.6	32.7	29.1	26.5	23.9	21.3	18.9				
10.0		26.5	28.1	27.7	26.7	24.5	22.3	19.9	17.9	15.3			
12.0		20.2	20.8	20.4	20.1	20.8	19.5	17.5	15.9	13.9	12.1		
14.0			16.1	15.8	15.5	16.1	16.7	15.7	14.3	12.5	11.1	10.1	
16.0			12.9	12.5	12.3	12.8	13.4	13.4	12.7	11.5	10.1	9.3	
18.0				10.2	9.9	10.5	11.0	11.0	11.0	10.5	9.3	8.7	
20.0				8.3	8.1	8.6	9.2	9.1	9.3	9.5	8.7	7.9	
22.0					6.6	7.2	7.7	7.7	7.8	8.1	8.4	7.3	
24.0					5.4	5.9	6.5	6.5	6.6	6.9	7.2	6.7	
26.0						5.0	5.5	5.5	5.6	5.9	6.2	6.2	
28.0						4.1	4.7	4.6	4.8	5.0	5.3	5.3	
30.0							3.9	3.9	4.1	4.3	4.6	4.6	
32.0								3.3	3.5	3.7	4.0	4.0	
34.0								2.8	2.9	3.2	3.4	3.5	
36.0									2.5	2.7	3.0	3.0	
38.0									2.1	2.3	2.6	2.6	
40.0										1.9	2.2	2.2	
42.0										1.6	1.9	1.9	
44.0											1.6	1.6	
46.0											1.3	1.3	
48.0												1.1	
50.0													0.9



QY90KA 副臂起重性能表 Total rated lifting load for jib

17吨配重 支腿全伸 360° 作业
Full-extend outrigger with 17t counterweight.360° swing

主臂仰角 Boom angle (°)	主臂55m		
	副臂 9.5m 0°	副臂 9.5m 15°	副臂 9.5m 30°
	起重量 Lifting load (kg)	起重量 Lifting load (kg)	起重量 Lifting load (kg)
78	6500	3600	2600
75	5700	3300	2500
72	5000	3100	2300
70	4500	2900	2200
65	3700	2600	2100
60	3100	2500	2000
55	2200	2000	1900
50	1700	1600	1500



QY90KA 副臂起重性能表 Total rated lifting load for jib

17吨配重 支腿全伸 360° 作业
Full-extend outrigger with 17t counterweight.360° swing

主臂仰角 Boom angle (°)	主臂55m		
	副臂 16m 0°	副臂 16m 15°	副臂 16m 30°
	起重量 Lifting load (kg)	起重量 Lifting load (kg)	起重量 Lifting load (kg)
78	3200	2200	1500
75	3000	2000	1400
72	2800	1800	1400
70	2500	1700	1300
65	2200	1600	1300
60	1900	1500	1200
55	1700	1400	1000
50	1200	1100	1000