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QY30K5/35K5/40K汽车起重机  
QY30K5/35K5/40K TRUCK CRANE

本册中所包含的图片及数据，会随着产品的不断升级而改变，请以实际产品为准。  
Pictures and data in this catalog change with the upgrade and modification of products, so please according to real vehicle.

**徐工集团 徐州重型机械有限公司**  
XCMG XUZHOU HEAVY MACHINERY CO., LTD.

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QY30K5/35K5/40K 汽车起重机 30K5  
35K5  
40K  
TRUCK CRANE



**徐工集团 徐州重型机械有限公司**  
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更优化, 更先进, 更可靠, 更安全, 更环保。  
每一台起重机都是新的科技与心血的注入。  
每一位拥有者都能获得更踏实, 更经济, 更愉快的经历。

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

**QY40K** 五节臂桁架式主臂 单缸变幅、双卷扬 上车壳臂比例控制  
 Five-section boom of I-shape cross section  
 Single cylinder elevation, double winches  
 Crane pilot proportionate control



**QY30K5主臂起重性能表 Total rated lifting load for boom**

全伸水平支腿、侧方、后方作业。  
 Full-extend outrigger, boom at the side or the rear.

工作幅度 Working radius (m)	基本臂 Base boom 10.1m	中节臂 Mid-extend boom 13.65m	中节臂 Mid-extend boom 17.2m	中节臂 Mid-extend boom 22.52m	中节臂 Mid-extend boom 27.85m	中节臂 Mid-extend boom 33.18m	全伸臂 Full-extend boom 38.5m	
3.0	30000	67	10.1	25000	74	14.0		
3.5	28000	64	9.9	23500	72	13.8		
4.0	25300	61	9.6	21500	69	13.6	18000 74 17.4	
5.0	20500	54	8.9	18500	65	12.1	15800 71 17.0 11400 76 22.6 9500 79 28.2	
6.0	16500	48	7.9	16000	60	12.5	13000 67 18.6 10400 73 22.3 8400 77 27.9 6800 80 33.4	
7.0	13500	37	6.7	13000	55	11.8	11500 63 18.1 9400 70 22.0 7800 75 27.6 8000 78 33.2 5000 80 38.7	
8.0	10800	26	4.8	10800	49	11.0	10800 56 15.5 8500 68 21.5 7300 73 27.3 5600 76 32.9 4600 79 38.4	
9.0		8700	43	8.8	8600	55	14.8	7800 65 21.0 6800 71 26.9 5300 74 32.8 4300 77 38.2
10.0		7200	36	8.6	7100	51	13.9	7100 62 20.5 6100 68 26.5 4900 73 32.2 4000 76 37.9
11.0		6000	27	6.8	5900	46	13.0	6500 58 19.9 5600 66 26.0 4600 71 31.8 3800 74 37.5
12.0			5000	41	11.8	5500	58	19.2 5200 64 25.5 4300 69 31.4 3500 72 37.2
13.0			4200	36	10.5	4800	53	18.4 4700 61 24.9 4000 67 31.0 3370 71 36.8
14.0			3800	26	8.7	4100	49	17.5 4260 59 24.3 3700 66 30.5 3160 69 36.4
15.0			3000	20	8.2	3600	48	16.5 3900 56 23.8 3400 63 29.9 2960 68 35.9
16.0				3100	42	15.4	3500	54 22.8 3100 61 29.3 2850 66 35.4
18.0				2400	33	12.5	2700	48 21.0 2720 57 28.0 2550 63 34.3
20.0				1800	21	8.1	2100	42 18.9 2300 52 26.4 2160 59 33.1
22.0				1600	35	16.2	1800	48 24.6 1820 55 31.7
24.0					1200	27	12.5	1500 43 22.4 1450 52 30.0
26.0					1100	37	18.8	1220 47 28.1
28.0					800	30	16.4	1000 43 25.9
30.0					800	21	11.8	800 38 23.3
32.0							600	26 20.2

**QY30K5副臂起重性能表 Total rated lifting load for jib**

全伸水平支腿、360°全回转作业。  
 Full-extend outrigger, 360° swing

主臂长度 Boom 38.5m	副臂安装角 Jib offset 0°			副臂安装角 Jib offset 15°			副臂安装角 Jib offset 30°		
	起重重量 Lifting load (kg)	工作幅度 Working radius (mm)	起升高度 Lifting height (m)	起重重量 Lifting load (kg)	工作幅度 Working radius (mm)	起升高度 Lifting height (m)	起重重量 Lifting load (kg)	工作幅度 Working radius (mm)	起升高度 Lifting height (m)
78	2800	10.7	47.6	2500	12.1	47.2	1900	13.4	46.1
75	2800	13.1	47.3	2400	14.4	46.4	1750	15.6	45.2
72	2750	15.3	46.4	2200	16.7	45.5	1700	17.8	44.2
70	2650	16.8	45.8	2100	18.2	44.8	1600	19.3	43.5
65	2150	20.4	44.1	1800	21.7	42.9	1500	22.7	41.5
60	1800	23.9	42.1	1600	25.1	40.8	1400	26.1	39.2
55	1200	27.2	39.7	1140	28.3	38.3	1050	29.1	36.6
50	800	30.2	37.1	750	31.3	35.6	700	31.9	33.8
40	280	35.6	31.1	260	36.4	29.4	250	36.8	27.6

吊钩重量 Weight of hook block 55kg

**QY35K5主臂起重性能表 Total rated lifting load for boom**

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 10.50m	中节臂 Mid-extend boom 14.18m	中节臂 Mid-extend boom 17.73m	中节臂 Mid-extend boom 23.41m	中节臂 Mid-extend boom 28.94m	中节臂 Mid-extend boom 34.47m	全伸臂 Full-extend boom 39.60m		
3.0	35000	10.52	28500	14.26					
3.5	34000	10.10	28000	14.14	22000	17.85			
4.0	28500	9.85	26500	13.94	21500	17.71	16000 23.52		
4.5	25500	9.54	24500	13.73	20500	17.54	16000 23.44		
5.0	23000	9.19	22500	13.48	19500	17.36	15500 23.31		
5.5	20500	8.79	20000	13.23	18200	17.16	15000 23.16 12000 28.95		
6.0	18500	8.34	18000	12.94	17000	16.94	14500 23.00 11500 28.77 9700 34.45		
6.5	16800	7.82	16000	12.63	16000	16.71	14000 22.83 11000 28.63 9300 34.34		
7.0	15500	7.22	14500	12.29	14500	16.45	13200 22.65 10500 28.49 9000 34.22 7000 39.47		
8.0	12700	5.68	12500	11.48	12400	15.88	11500 22.24 10000 28.17 8400 33.96 6000 39.25		
9.0	10300	2.93	10200	10.53	10000	15.22	10500 21.76 9000 27.81 7800 33.66 6400 39.00		
10.0			8300	8.36	8220	14.45	8950 21.26 8500 27.40 7300 33.33 6000 38.70		
11.0			6950	7.85	6880	13.56	7550 20.87 7800 28.96 6900 32.96 5700 38.30		
12.0			5850	5.74	5650	12.52	6450 20.02 6900 26.46 6500 32.56 5400 38.05		
13.0				4680	11.27	5450	19.28	5900 25.92 6100 32.12 4800 37.68	
14.0				4000	9.76	4850	18.47	5100 25.32 5400 31.65 4800 37.28	
15.0					3220	7.79	3850	17.56 4400 24.67 4700 31.13 4400 36.84	
16.0					3400	16.52	3800	23.98 4100 30.57 4100 36.37	
18.0					2500	14.00	2900	22.32 3250 29.32 3420 35.33	
20.0					1800	10.46	2200	20.34 2500 27.85 2700 34.13	
22.0						1650	17.91	1950	26.15 2150 32.78
24.0						1200	14.80	1500	24.16 1680 31.21
25.0						900	10.35	1100	21.79 1300 29.43
28.0						850	18.90	1000	27.38
30.0						550	15.18	800	25.00
32.0							550	22.17	

**QY35K5副臂起重性能表 Total rated lifting load for jib**

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

主臂长度 Boom 38.5m	副臂安装角 Jib offset 0°			副臂安装角 Jib offset 15°			副臂安装角 Jib offset 30°					
	起重重量 Lifting load (kg)	工作幅度 Working radius (mm)	起升高度 Lifting height (m)	起重重量 Lifting load (kg)	工作幅度 Working radius (mm)	起升高度 Lifting height (m)	起重重量 Lifting load (kg)	工作幅度 Working radius (mm)	起升高度 Lifting height (m)			
78	3500	48.18	2000	54.50	2550	47.60	1150	53.30	2100	46.55	950	51.25
75	3000	47.48	1880	53.70	2350	46.80	1000	52.32	1900	45.66	850	50.12
72	2500	46.64	1800	52.76	2050	45.86	850	51.21	1550	44.66	800	48.86
70	2200	46.02	1500	52.06	1800	45.18	700	50.39	1200	43.91	750	47.95
65	1500	44.22	1000	50.03	1400	43.23	600	48.09	1000	39.47	680	42.56
60	1100	42.10	500	47.64	850	40.97	400	45.44	800	36.81	400	39.39
55	650	39.68	300	44.89	400	37.41	200	42.45	400	33.88		
50	200	36.96			200	35.57						

**QY40K主臂起重性能表 Total rated lifting load for boom**

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 10.70m	中节臂 Mid-extend boom 14.38m	中节臂 Mid-extend boom 18.05m	中节臂 Mid-extend boom 23.58m	中节臂 Mid-extend boom 29.08m	中节臂 Mid-extend boom 34.00m	全伸臂 Full-extend boom 40.10m	
3.0	40000	10.9						
3.5	40000	10.6	33000	14.6	26000	18.5		
4.0	34000	10.3	30000	14.4	26000	18.3	18000 24.0	
4.5	31000	10.0	27500	14.2	24500	18.2	18000 23.9	
5.0	27500	9.7	26000	14.0	22000	18.0	16500 23.8	
5.5	25000	9.3	23000	13.7	20500	17.8	16200 23.6 13500 29.4	
6.0	22000	8.8	19500	13.4	19000	17.6	15500 23.5 13000 29.2 10500 34.9	
6.5	19000	8.3	18000	13.1	18000	17.3	14800 23.3 12200 29.1 10000 34.8	
7.0	17000	7.7	16500	12.8	16500	17.1	14200 23.1 11000 29.0 9500 34.7 7800 40.4	
8.0	13500	6.2	13500	12.0	13800	16.5	12500 22.7 10500 28.6 9000 34.4 7400 40.1	
9.0	10800	3.5	12000	11.0	11000	15.8	11500 22.2 10000 28.3 8300 34.1 7000 39.9	
10.0			9500	9.8	9200	15.1	10000 21.7 9000 27.9 7600 33.8 6500 39.6	
12.0			7200	6.2	6500	13.2	7800 20.5 7800 26.9 6800 33.0 5800 38.9	
14.0				4300	10.5	5600	18.9	6200 25.8 5800 32.1 5100 38.2
16.0				3200	5.8	4200	17.0	4600 24.4 5100 31.0 4500 37.3
18.0					3200	14.4	3400	22.7 4000 29.8 3800 36.2
20.0						1100	10.7	1200 22.2 1500 30.4
22.0						2200	10.9	2500 20.8 3100 28.3 3000 35.0
24.0						2000	18.3	2400 26.6 2400 33.7
26.0						1600	15.2	1800 24.6 2000 32.1
28.0								1000 19.3 1100 26.4
30.0								750 15.3 850 26.0
32.0								600 23.3

吊钩重量 Weight of hook block 470kg

**QY40K副臂起重性能表 Total rated lifting load for jib**

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

主臂长度 Boom 40.1m	副臂安装角 Jib offset 0°			副臂安装角 Jib offset 15°			副臂安装角 Jib offset 30°					
	起重重量 Lifting load (kg)	工作幅度 Working radius (mm)	起升高度 Lifting height (m)	起重重量 Lifting load (kg)	工作幅度 Working radius (mm)	起升高度 Lifting height (m)	起重重量 Lifting load (kg)	工作幅度 Working radius (mm)	起升高度 Lifting height (m)			
78	4000	48.8	2700	48.1	2400	47.1	2000	55.1	1400	53.8	1100	51.7
75	3600	48.0	2500	47.3	2300	46.1	2000	54.2	1200			

尺寸参数 Dimensions		Unit			
整体全长 Overall length		mm	12070	12620	13050
整机全宽 Overall width		mm	2500	2500	≤2800
整机全高 Overall height		mm	3390	3350	3430
重量参数 Weight					
行驶状态整机质量 Dead weight in travel state		kg	32400	36930	40400
前轴轴荷 Front axle load		kg	7000	12330	14500
后轴轴荷 Rear axle load		kg	25400	24600	25900
动力参数 Power					
发动机型号 Engine model			WD615.329 / SC8DK280Q3 (国III)	SC9DK320Q3 (国III)	WD615.334 (国III)
发动机额定功率 Engine rated output		kW/(r/min)	206/2200 213/2200	235 / 2200	247 / 2200
发动机额定扭矩 Engine rated torque		N.m/(r/min)	1160/1400 1112/1400	1250 / 1400	1350 / 1400
行驶参数 Travel					
最高行驶速度 Max.travel speed		km/h	75	75	75
最小转弯直径 Min.turning diameter		m	22	19.5	≤24
最小离地间隙 Min.ground clearance		mm	291	260	285
接近角 Approach angle		°	19	17	16
离去角 Departure angle		°	13	15.7	11
最大爬坡能力 Max.gradeability		%	30	40	46
百公里油耗 Fuel consumption of per 100km		L	40	30	46
主要性能参数 Lifting performance					
最大额定总起重量 Max.total rated lifting load		t	30	35	40
最小额定幅度 Min.rated working radius		mm	3000	3000	3000
转台尾部回转半径 Turning radius at swing table tail		m	3.065	3.055	3.482
最大起重力矩 Max.load moment		kN.m	1025	1200	1400
基本臂 Base boom		m	10.1	10.5	10.7
最长主臂 Fully-extended boom		m	38.5	39.6	40.1
最长主臂+副臂 Full-extended boom+Jib		m	46.8	54.6	55.1
支腿纵向距离 Outrigger longitudinal distance span		m	5.85	5.35	5.65
支腿横向距离 Outrigger lateral distance span		m	6	6	6.6
工作速度参数 Working speed					
起重臂变幅时间 Boom elevating time		s	68	68	≤88
起重臂全伸时间 Boom full extending time		s	150 / 140	≤155	≤180
最大回转速度 Max.slewing speed		r/min	≥ 2.5	≥ 2.5	≥2.0
主起升机构最大速度(单绳) Main winch max.speed(single line)		m/min	≥ 120	≥ 130	≥110
副起升机构最大速度(单绳) Auxiliary winch max.speed(single line)		m/min	≥ 120	≥ 130	≥110

## QY30K5

宽头驾驶室  
Full Drivers Cab

五节臂八边形截面主臂  
Single cylinder elevation, double winches  
上车先导比例控制  
Crane pilot proportional control

Single cylinder elevation, double winches  
Crane pilot proportional control



## QY35K5

宽头驾驶室  
Full Drivers Cab

五节臂八边形截面主臂  
Single cylinder elevation, double winches  
上车先导比例控制  
Crane pilot proportional control

Single cylinder elevation, double winches  
Crane pilot proportional control



### 驾驶室 DRIVER'S CAB

宽敞、豪华的流线型驾驶室。  
Spacious and splendid streamlined cab.



### U形臂架系统 U-SHAPED BOOM

持续优化臂架截面，充分释放材料承载能力，吊装更可靠，更安全。  
Sustainedly optimize boom cross section and fully show the load bearing capacity of plate, more reliable and safe lifting.



### 紧凑型臂头 COMPACT BOOM HEAD

拓展吊臂长度，最大限度地延伸作业范围。  
Increase boom length and outstretch working range in full extend.



### 液压管路 HYDRAULIC PIPELINE

管路采用高精冷拔钢管，配合卡套密封，美观且便于维护保养。  
High-precision cold drawn steel pipe combined with cone end seals, easy for service and maintenance.



### 操纵室 OPERATOR'S CAB

超大空间，更宽阔的视野，控制手柄及仪表按键触手可及。  
Super large space and wider field of vision, control lever and instrument button easy to touch.



### 力矩限制器 LMI

彩色液晶的力矩限制显示所有重要操作信息。  
Color LCD screen showing all important operating information.



### 发动机 ENGINE

匹配合理，节能环保，动力强劲，达到需求功率的经济运行。  
Reasonable matching, energy-saving and environmental, powerful drive, achieve the economic operation of needed power.

### 配置 CONFIGURATION

QY30K5 QY35K5 QY40K

ABS	-	-	●
上车空调 Crane air-conditioner	★	★	★
下车空调 Carrier air-conditioner	★	★	★
液压油散热器 Hydraulic oil radiator	★	★	★
风速仪 Anemometer	●	●	●
第五支腿 5th jack	-	★	★
旋转警示灯 Rotation warning lamp	★	★	★
三色安全载荷指示灯 Three-color lamp	●	●	●
卷扬监视器 Winch drum monitor	●	●	●

注：★表示标配；●表示选配；-表示无此配置。  
Note: ★ means standard configuration; ● means optional configuration; - means no configuration.