

徐工 K创II010

性能全覆盖领先：主臂全长39.5米，中长臂性能领先5%，爬坡度40%，路面适应性高。
All performances are in the lead: the length of fully extended main boom is 39.5m, 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.
独有的八边形起重臂，插入式臂头，吊重受力更均衡，吊重更平顺。
Particular octagonal-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 patented 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.

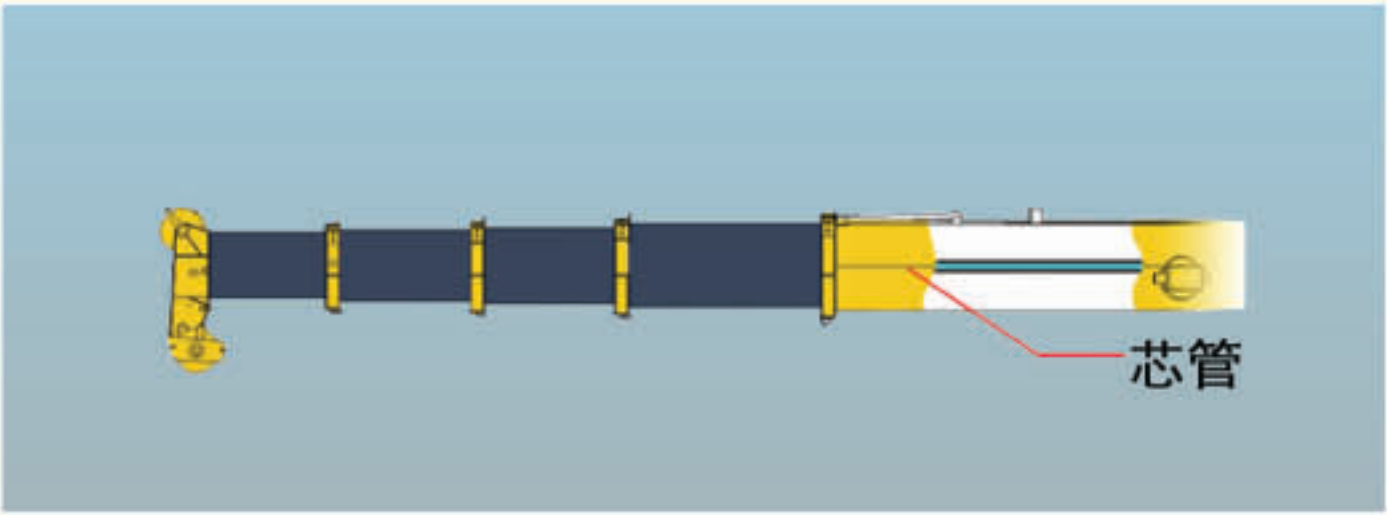
系列
汽车
起重
机

担大任行大道成大器

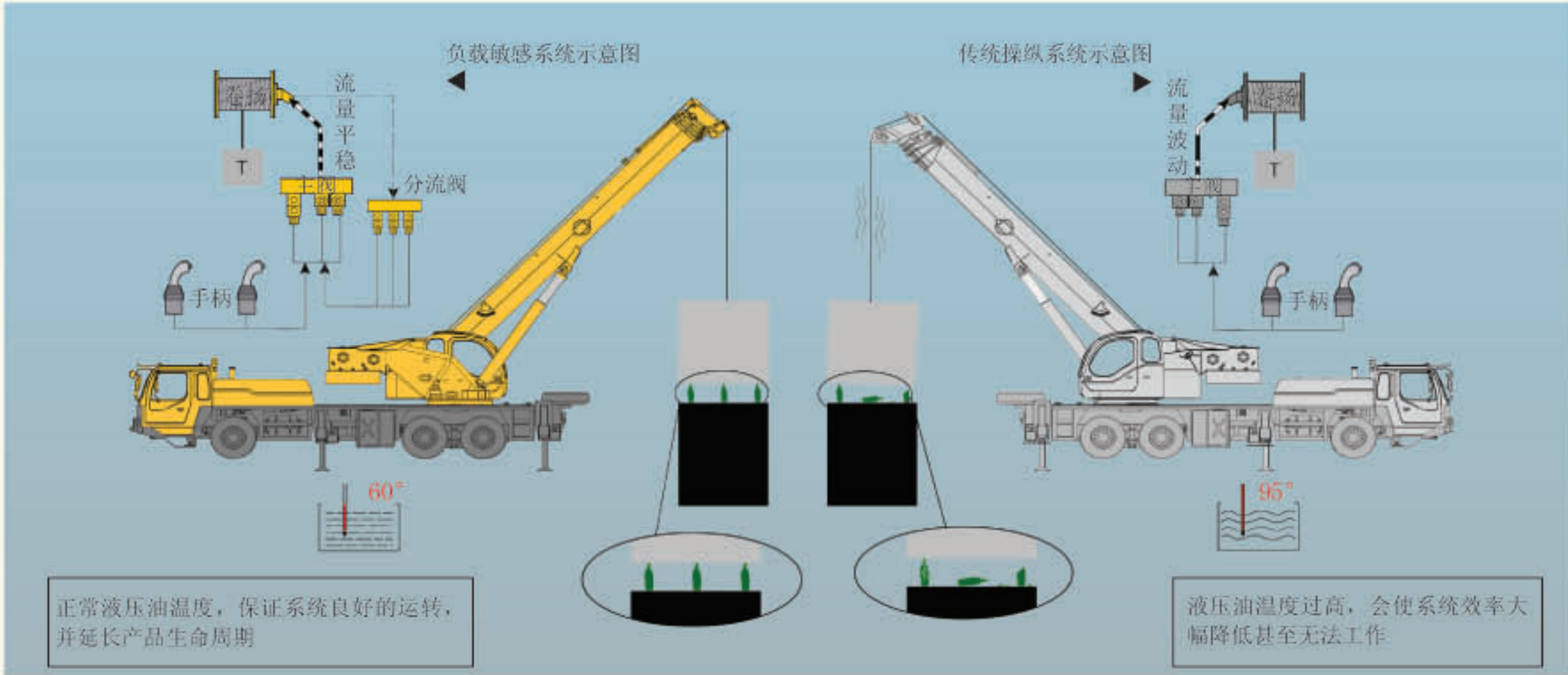
QY25K5-I 亮点优势展示



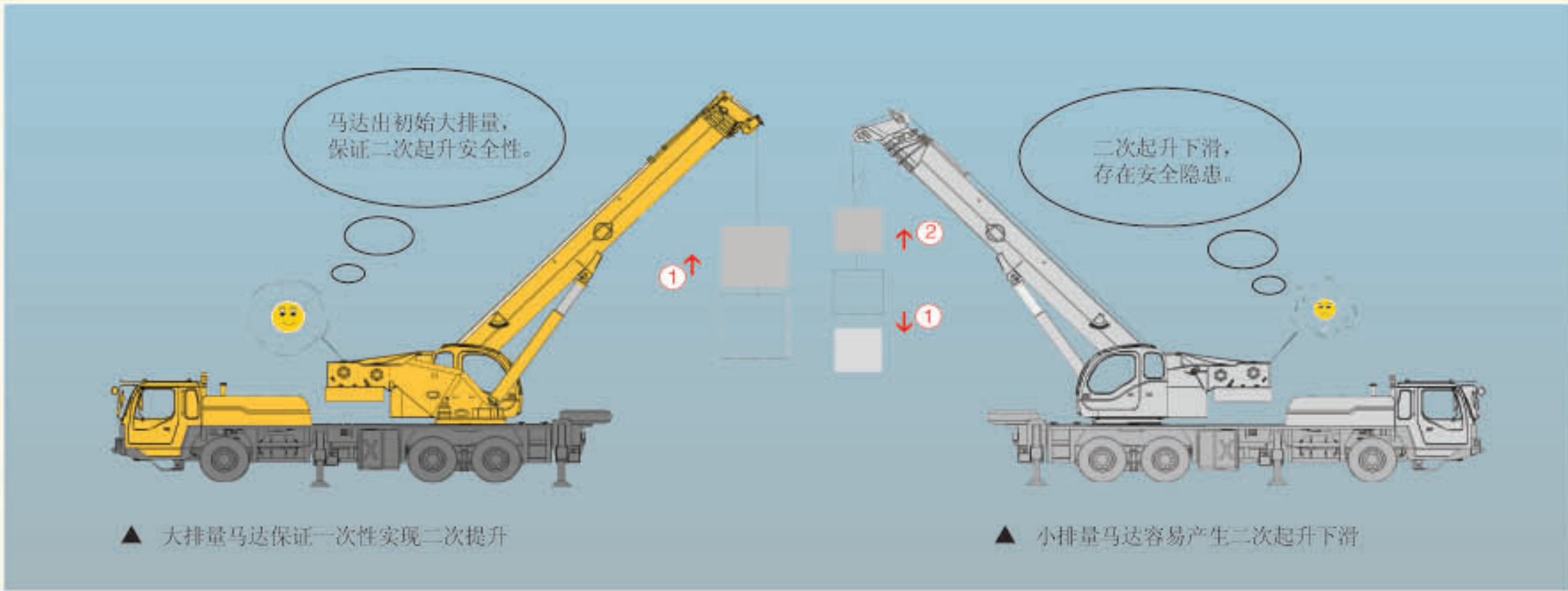
创新吊臂系统，采用嵌入式滑块、插入式臂头专利技术与八边形截面吊臂，吊重性能卓越，吊重工作安全可靠。
Innovated boom system with inserted sliders, plug-in boom head of patented technology and octagonal-shaped boom cross section makes excellent lifting capacity, safe and reliable lifting operations.



专有伸缩技术，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.



八项专利技术，保证起升、回转、变幅机构动作的平顺性，高效性与节能性。
Eight patented technologies ensure the smooth movement, high efficiency & economy of lifting, slewing and elevating mechanisms.



选用大扭矩起点新型液压马达，二次起升作业更安全。
New hydraulic motor with larger original torque makes greater safe second-lifting operation.



力矩限制器采用彩色液晶显示器，实现故障诊断智能化，精度领先于同行业。
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

QY25K5-I

尺寸参数 Dimensions	Unit	
整体全长 Overall length	mm	12300
整机全宽 Overall width	mm	2500
整机全高 Overall height	mm	3350
重量参数 Weight		
行驶状态整机质量 Dead weight in travel state	kg	31750
前轴轴荷 Front axle load	kg	6550
后轴轴荷 Rear axle load	kg	25200
动力参数 Power		
发动机型号 Engine model	SC8DK280Q3	WD615.329
发动机额定功率 Engine rated output	kW/(r/min)	206/2200 213/2200
发动机额定扭矩 Engine rated torque	N.m/(r/min)	1112/1400 1160/1400
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	22
最小离地间隙 Min.ground clearance	mm	260
接近角 Approach angle	°	16
离去角 Departure angle	°	13
最大爬坡能力 Max.gradeability	%	40
百公里油耗 Fuel consumption of per 100km	L	≈37
主要性能参数 Lifting performance		
最大额定总起重量 Max.total rated lifting load	t	25
最小额定幅度 Min.rated working radius	m	3000
转台尾部回转半径 Turning radius at swing table tail	m	3.065
最大起重力矩 Max.load moment	kN.m	961
基本臂 Base boom	m	10.4
最长主臂 Fully-extended boom	m	39.5
最长主臂+副臂 Full-extended boom+Jib	m	47.8
支腿纵向距离 Outrigger longitudinal distance span	m	5.14
支腿横向距离 Outrigger lateral distance span	m	6
工作速度参数 Working speed		
起重臂变幅时间 Boom elevating time	s	68
起重臂全伸时间 Boom full extending time	s	150
最大回转速度 Max.slewing speed	r/min	2.5
主起升机构最大速度(单绳)(空载) Main winch max.speed(single line)(No load)	m/min	125
副起升机构最大速度(单绳)(空载) Auxiliary winch max.speed(single line)(No load)	m/min	125



QY25K5- I 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；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 10.4m		中长臂 Mid-extend boom 14m		中长臂 Mid-extend boom 17.7m		中长臂 Mid-extend boom 23.1m		中长臂 Mid-extend boom 28.6m		中长臂 Mid-extend boom 34.1m		全伸臂 Full-extend boom 39.5m	
	起重量 Lifting Load (kg)	起升高度 Lifting Height (m)	起重量 Lifting Load (kg)	起升高度 Lifting Height (m)	起重量 Lifting Load (kg)	起升高度 Lifting Height (m)	起重量 Lifting Load (kg)	起升高度 Lifting Height (m)	起重量 Lifting Load (kg)	起升高度 Lifting Height (m)	起重量 Lifting Load (kg)	起升高度 Lifting Height (m)	起重量 Lifting Load (kg)	起升高度 Lifting Height (m)
3.0	25000	10.5	22000	14.4										
3.5	25000	10.2	21500	14.2										
4.0	24200	10.0	21000	14.0	18000	17.9								
4.5	21800	9.6	20600	13.8	17100	17.7	12000	23.4						
5.0	19100	9.3	19200	13.6	15800	17.5	12000	23.3	10400	28.9				
5.5	17300	8.8	17800	13.3	14800	17.3	11700	23.2	9700	28.8				
6.0	15800	8.4	16100	13.0	14000	17.1	11000	23.0	9400	28.7				
6.5	13800	7.8	14100	12.7	13000	16.9	10800	22.8	8600	28.6	7200	34.2		
7.0	12200	7.2	12800	12.3	12200	16.6	10200	22.6	8350	28.4	7100	34.1		
8.0	11000	5.5	11000	11.5	10800	16.0	9200	22.2	7900	28.1	6500	33.8		
9.0			9080	10.5	8900	15.4	8400	21.7	7140	27.7	6050	33.5	5500	39.2
10.0			7430	9.3	7300	14.6	7560	21.2	6510	27.3	5550	33.2	5100	38.9
11.0			6220	7.7	6100	13.7	6700	20.6	5950	26.8	5150	32.8	4700	38.6
12.0					5100	12.6	5700	19.9	5500	26.3	4700	32.4	4350	38.3
13.0					4200	11.3	4900	19.2	5100	25.8	4410	31.9	4020	37.9
14.0					3550	9.8	4200	18.3	4600	25.2	4150	31.5	3800	37.5
15.0							3620	17.4	4000	24.5	3900	30.9	3510	37.0
16.0							3100	16.3	3500	23.8	3650	30.4	3400	36.6
18.0							2300	13.7	2700	22.1	2930	29.1	2880	35.5
20.0							1700	9.9	2080	20.0	2300	27.6	2400	34.3
22.0									1580	17.5	1800	25.8	1900	32.9
24.0									1180	14.2	1360	23.8	1500	31.3
26.0											980	21.3	1150	29.5
28.0											700	18.3	800	27.5
30.0													600	25.05
32.0													500	22.1
倍率 Parts of line	10		10		7		5		4		3		3	
最小主臂仰角 Min.boom angle	28°		31°		32°		25°		30°		33°		40°	
最大主臂仰角 Max.boom angle	68°		74°		75°		78°		80°		79°		78°	



QY25K5- I 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；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 39.5m,副臂长度 Jib 8.3m

主臂仰角 Boom angle (°)	补偿角Offset angle 0°			补偿角Offset angle 15°			补偿角Offset angle 30°		
	起重量 Lifting Load (kg)	工作幅度 Working Radius (m)	起升高度 Lifting height (m)	起重量 Lifting Load (kg)	工作幅度 Working Radius (m)	起升高度 Lifting height (m)	起重量 Lifting Load (kg)	工作幅度 Working Radius (m)	起升高度 Lifting height (m)
78	2800	11.1	47.2	2500	12.8	46.6	1900	14.4	45.5
75	2800	13.5	46.4	2400	15.2	45.7	1750	16.7	44.5
72	2750	15.8	45.4	2200	17.5	44.6	1700	18.9	43.4
70	2650	17.4	44.7	2100	19.0	43.9	1600	20.4	42.6
65	2150	21.1	42.8	1800	22.7	41.8	1500	24.0	40.4
60	1800	24.7	40.5	1600	26.2	39.4	1400	27.4	37.9
55	1200	28.1	37.9	1140	29.5	36.7	1050	30.5	35.1
50	800	31.3	35.1	750	32.6	33.7	700	33.4	32.0
40	280	36.8	28.3	260	37.8	26.7	250	38.4	24.9
吊钩重量 Weight of hook block				55kg					



QY25K5- I 主臂起重性能表 Total rated lifting load for boom

半伸水平支腿：不支第五支腿，侧方、后方作业；支好第五支腿，360° 全回转作业
Half-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 10.4m		中长臂 Mid-extend boom 14.04m		中长臂 Mid-extend boom 17.68m		中长臂 Mid-extend boom 23.14m		中长臂 Mid-extend boom 28.59m		中长臂 Mid-extend boom 34.05m		全伸臂 Full-extend boom 39.5m	
	起重量 Lifting Load (kg)	起升高度 Lifting Height (m)	起重量 Lifting Load (kg)	起升高度 Lifting Height (m)	起重量 Lifting Load (kg)	起升高度 Lifting Height (m)	起重量 Lifting Load (kg)	起升高度 Lifting Height (m)	起重量 Lifting Load (kg)	起升高度 Lifting Height (m)	起重量 Lifting Load (kg)	起升高度 Lifting Height (m)	起重量 Lifting Load (kg)	起升高度 Lifting Height (m)
3.0	25000	10.5	22000	14.4										
3.5	25000	10.2	21500	14.2										
4.0	24200	10.0	21000	14.0	18000	17.9								
4.5	21800	9.6	20600	13.8	17100	17.7	12000	23.4						
5.0	18800	9.3	18600	13.6	15800	17.5	12000	23.3	10400	28.9				
5.5	15500	8.8	15300	13.3	14800	17.3	11700	23.2	9700	28.8				
6.0	13100	8.4	12900	13.0	12700	17.1	11000	23.0	9400	28.7				
6.5	11200	7.8	11100	12.7	10900	16.9	10800	22.8	8600	28.6	7200	34.2		
7.0	9700	7.2	9600	12.3	9400	16.6	10100	22.6	8350	28.4	7100	34.1		
8.0	7500	5.5	7400	11.5	7200	16.0	7900	22.2	7900	28.1	6500	33.8		
9.0			5800	10.5	5700	15.4	6300	21.7	6700	27.7	6050	33.5	5500	39.2
10.0			4700	9.3	4500	14.6	5100	21.2	5500	27.3	5550	33.2	5100	38.9
11.0			3800	7.7	3600	13.7	4200	20.6	4600	26.8	4800	32.8	4700	38.6
12.0					2900	12.6	3500	19.9	3800	26.3	4100	32.4	4200	38.3
13.0					2300	11.3	2900	19.2	3200	25.8	3500	31.9	3600	37.9
14.0					1800	9.8	2400	18.3	2700	25.2	3000	31.5	3100	37.5
15.0							2000	17.4	2300	24.5	2500	30.9	2700	37.0
16.0							1600	16.3	2000	23.8	2200	30.4	2300	36.6
18.0							1100	13.7	1400	22.1	1600	29.1	1700	35.5
20.0							600	9.9	900	20.0	1100	27.6	1300	34.3
22.0									600	17.5	800	25.8	900	32.9
24.0											500	23.8	600	31.3
26.0													400	29.5
倍率 Parts of line	10		10		6		5		4		3		3	
最小主臂仰角 Min.boom angle	28°		31°		32°		25°		38°		44°		49°	
最大主臂仰角 Max.boom angle	68°		74°		75°		78°		80°		79°		78°	



QY25K5- I 副臂起重性能表 Total rated lifting load for jib

半伸水平支腿：不支第五支腿，侧方、后方作业；支好第五支腿，360° 全回转作业
Half-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 39.5m,副臂长度 Jib 8.3m

主臂仰角 Boom angle (°)	补偿角Offset angle 0°			补偿角Offset angle 15°			补偿角Offset angle 30°		
	起重量 Lifting Load (kg)	工作幅度 Working Radius (m)	起升高度 Lifting height (m)	起重量 Lifting Load (kg)	工作幅度 Working Radius (m)	起升高度 Lifting height (m)	起重量 Lifting Load (kg)	工作幅度 Working Radius (m)	起升高度 Lifting height (m)
78	2800	11.1	47.2	2500	12.8	46.6	1900	14.4	45.5
75	2800	13.5	46.4	2400	15.2	45.7	1750	16.7	44.5
72	2750	15.8	45.4	2200	17.5	44.6	1700	18.9	43.4
70	2550	17.4	44.7	2100	19.0	43.9	1600	20.4	42.6
65	1470	21.1	42.8	1320	22.7	41.8	1220	24.0	40.4
60	790	24.7	40.5	730	26.2	39.4	680	27.4	37.9
55	350	28.1	37.9	320	29.5	36.7	300	30.5	35.1
吊钩重量 Weight of hook block				55kg					