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# QY8B.5 汽车起重机

QY8B.5 TRUCK CRANE

服务热线 Service Tel : 400-110-9999

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**徐州重型机械有限公司**  
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# 技术参数 TECHNICAL SPECIFICATIONS



尺寸参数 Dimensions		Unit	
整机全长 Overall length	mm	9450	
整机全宽 Overall width	mm	2400	
整机全高 Overall height	mm	3180	
重量参数 Weight			
行驶状态整机质量 Dead weight in travel state	kg	10490	
前轴轴荷 Front axle load	kg	2800	
后轴轴荷 Rear axle load	kg	7690	
动力参数 Power			
发动机型号 Engine model		YC4E140-30	
发动机额定功率 Engine rated output	kW/(r/min)	105/2500	
发动机额定扭矩 Engine rated torque	N.m/(r/min)	500/1600	
行驶参数 Travel			
最高行驶速度 Max.travel speed	km/h	75	
最小转弯直径 Min.turning diameter	mm	16000	
最小离地间隙 Min.ground clearance	mm	260	
接近角 Approach angle	°	29	
离去角 Departure angle	°	11	
最大爬坡能力 Max.gradeability	%	28	
百公里油耗 Fuel consumption of 100km	L	25.5	
主要性能参数 Lifting performance			
最大额定总起重量 Max.total rated lifting load	t	8	
最小额定幅度 Min.rated working radius	m	3	
转台尾部回转半径 Turning radius at swing table tail	m	2.254	
最大起重力矩 Max.load moment	KN.m	245	
基本臂 Base boom	m	8.2	
最长主臂 Full-extend boom	m	19	
最长主臂+副臂 Full-extend boom+Jib	m	25.3	
支腿纵向距离 Outrigger longitudinal distance span	m	3.825	
支腿横向距离 Outrigger lateral distance span	m	4.18	
工作速度参数 Working speed			
起重臂变幅时间 Boom elevating time	s	28	
起重臂全伸时间 Boom full elevating time	s	31	
最大回转速度 Max.slewing speed	r/min	2.8	
主起升机构单泵/双泵合流 (单绳) Main winch with full/no load(single line)	m/min	53/110	

主臂起重性能表 Total rated lifting load for boom								
全伸支腿 (侧方、后方作业) Full-extend outrigger with boom at the side or the rear								
工作幅度 Working radius (m)	基本臂 Base boom 7.8m		中长臂 Mid-extend boom 13.4m		全伸臂 Full-extend boom 19.0m		主臂+副臂 Full-extend boom+Jib 19.0m+6.5m	
	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)
3.0	8000	8.2						
3.5	7000	7.9						
4.0	6000	7.6	4100	13.9				
4.5	4850	7.1	3600	13.7				
5.0	4100	6.6	3350	13.5				
5.5	3700	6.0	3050	13.2				
6.0	3300	5.2	2700	12.9	2250	19.1		
6.5			2550	12.6	2150	18.9		
7.0			2400	12.3	2000	18.7		
7.5			2200	11.9	1900	18.5		
8.0			2000	11.5	1700	18.2	1000	25.3
9.0			1650	10.5	1400	17.7	900	24.9
10.0			1300	9.3	1250	17.0	820	24.5
11.0			1000	7.7	1180	16.3	760	24.0
12.0					1050	15.4	720	23.4
13.0					850	14.4	660	22.8
14.0					780	13.3	620	22.1
15.0					600	11.9	580	21.4
16.0							550	20.6
17.0							500	19.4
18.0							450	18.4
倍率 Parts of line	6		4		4		1	
吊钩重量 Weight of hook block			95kg				16kg	

- 表中所示额定起重量为最大允许值(包括吊钩重量和其它吊具的重量);工作幅度是包括吊臂的变形量在内的实际值;风压为125N/m<sup>2</sup>达5级风时起重机仍可作业。
- 主臂起重量是主臂头部不装副臂情况下的计算值,当主臂头部装有副臂时,主臂的额定起重量根据实际情况,应减去副臂重量。
- 上述起重表仅做参考,详细信息请参照产品使用说明书。
- The total rated capacity in the table is the max. allowable value (including the weight of the hook block and slings); The working radius is the actual value, which includes the boom deflection; wind pressure is 125 N/m<sup>2</sup>, lifting operation is still permissible under the condition of wind level 5.
- The total rated load is the max.lifting capacity for the boom head without jib,when jib is attached on boom head,the weight of jib should be reduced from the total rated load for boom.
- Take the above tables as reference only, see the product operation manual for details.