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QY100K-I汽车起重机 QY100K-I TRUCK CRANE

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徐州重型机械有限公司

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QY100K-I 汽车起重机 100K-I TRUCK CRANE



徐州重型机械有限公司

XUZHOU HEAVY MACHINERY CO.,LTD.

担大任 行大道 成大器



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、更顺畅的经历

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

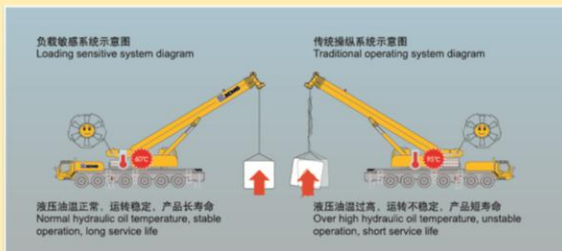
QY100K-I 亮点优势展示



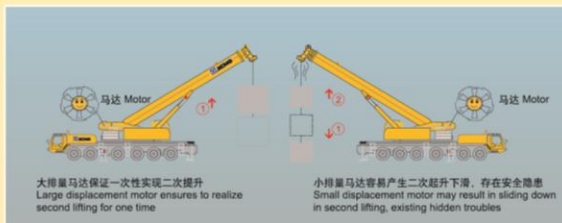
创新吊臂系统，采用嵌入式滑块，插入式臂头专利技术与国际先进的“U”形吊臂截面，吊重性能卓越，吊装作业安全可靠。
Innovated boom system with inserted sliders, plug-in boom head of patented technology and world advanced shaped boom cross section makes excellent lifting capacity, safe and reliable lifting operations.



专有的伸缩技术，避免因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，高效性与节能型。
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.



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.



稳定性提升，新增3吨配重。
Stability is improved, 3t counterweight is newly increased, so that vehicle stability 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.

技术参数 TECHNICAL SPECIFICATIONS

QY100K-I


| 尺寸参数 Dimensions | Unit | | | | |
|----------------------------------------------------|-------------|--------------------------|---------------|----------------|------------|
| 整体长宽高 Overall length | mm | 15600×3000×3850 | | | |
| 轴距 | mm | 1420+2420+1800+1420+1505 | | | |
| 重量参数 Weight | | | | | |
| 行驶状态整机质量 Dead weight in travel state | kg | 54900 | | | |
| 轴荷 Axle load | | | | | |
| 1轴 1st axle | kg | 8000 | | | |
| 2轴 2nd axle | kg | 8000 | | | |
| 3轴 3rd axle | kg | 7900 | | | |
| 4轴 4th axle | kg | 12000 | | | |
| 5轴 5th axle | kg | 12000 | | | |
| 6轴 6th axle | kg | 7000 | | | |
| 动力参数 Power | | | | | |
| 上车发动机型号 Superstructure engine | | TAD720VE | TAD750VE | OM906LAE2/3 | BF6M1013EC |
| 上车发动机额定功率 Superstructure engine rated output | kW/(r/min) | 174/2300 | 181/2300 | 180/2200 | 174/2300 |
| 上车发动机最大扭矩 Superstructure engine max torque | N.m/(r/min) | 875/1400 | 1050/1500 | 900/1200-1600 | 875/1400 |
| 下车发动机型号 Carrier engine | | ISME420.30 | OM460LA E3A/1 | WP12.460N | |
| 下车发动机额定功率 Carrier engine rated output | kW/(r/min) | 306/1900 | 360/1800 | 338/1900 | |
| 下车发动机最大扭矩 Carrier engine max torque | N.m/(r/min) | 2010/1200 | 2200/1300 | 2100/1000-1400 | |
| 行驶参数 Travel | | | | | |
| 接近角 Approach angle | ° | 20 | | | |
| 离去角 Departure angle | ° | 14 | | | |
| 制动距离(车速为30km/h) Braking distance(at 30km/h) | m | ≤10 | | | |
| 最大爬坡能力 Max.grade ability | % | 40 | | | |
| 最小转弯直径 Min.turning diameter | m | 24 | | | |
| 最小离地间隙 Min.ground clearance | mm | 300 | | | |
| 百公里油耗 Fuel consumption of 100km | L | 70 | | | |
| 主要性能参数 Lifting performance | | | | | |
| 最大额定总起重量 Max.total rated lifting capacity | t | 100 | | | |
| 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 | | | | | |
| 平衡重处 At counterweight | mm | 4200 | | | |
| 副卷处 At auxiliary winch | mm | 4590 | | | |
| 最大起重力矩 Max.load | | | | | |
| 基本臂 Base boom | kN.m | 3450(4m×88t) | | | |
| 最长主臂 Full-extend boom | kN.m | 1925(2.4m×8.3t) | | | |
| 最长主臂+副臂 Full-extend boom+Jib | kN.m | 708(25.8m×2.8t) | | | |
| 支腿距离(全伸) Outrigger span | | | | | |
| 纵向 Longitudinal distance | m | 7.56 | | | |
| 横向 Lateral distance | m | 7.6 | | | |
| 起升高度 Lifting height | | | | | |
| 基本臂 Base boom | m | 13.5 | | | |
| 最长主臂 Full-extend boom | m | 50.9 | | | |
| 最长主臂+副臂 Full-extend boom+Jib | m | 70.4 | | | |
| 起重臂长度 Boom length | | | | | |
| 基本臂 Base boom | m | 13.5 | | | |
| 最长主臂 Full-extend boom | m | 51 | | | |
| 最长主臂+副臂 Full-extend boom+Jib | m | 51+18.1+4 | | | |
| 工作速度参数 Working speed | | | | | |
| 副臂安装角 Jib offset | ° | 0、15、30 | | | |
| 起重臂变幅时间 Boom elevating time | | | | | |
| 起臂 Boom raising | s | 75 | | | |
| 起重臂伸缩时间 Boom telescoping time | | | | | |
| 全伸 Full-extending | s | 160 | | | |
| 最大回转速度 Max.swing speed | r/min | 2 | | | |
| 支腿伸缩时间 Outrigger extending and retracting time | | | | | |
| 水平支腿同时伸/缩 Outrigger beam extending/Retracting | s | 25/15 | | | |
| 垂直支腿同时伸/缩 Outrigger jack extending/Retracting | s | 45/25 | | | |
| 起升速度(单绳,第四层) Hoist speed(single line at 4th layer) | | | | | |
| 主起升机构空载 Main winch mechanism with empty load | m/min | 105 | | | |
| 副起升机构空载 Auxiliary winch mechanism with empty load | m/min | 104 | | | |

 QY100K-I起重机全伸支腿稳定性能表 Crane lifting capacity table with full-extended outriggers


| 工作幅度 Working radius (m) | 0t平衡重 全伸支腿360°作业 Counter weight 0t Full-extend outrigger.360°swing | | | | | | | | | | |
|---------------------------------|-----------------------------------------------------------------------|------|------|------------------|------|------|------|------|------|-----|-----|
| | 主臂长度 Boom(m) | | | | | | | | | | |
| | 13.5 | 18.2 | 22.9 | 27.6 | 32.3 | 36.9 | 41.6 | 46.3 | 51 | | |
| 3 | 93.0 | 80.0 | | | | | | | | | |
| 4 | 68.0 | 73.0 | 62.0 | | | | | | | | |
| 5 | 55.0 | 63.0 | 61.0 | 42.0 | 41.0 | | | | | | |
| 6 | 45.0 | 56.0 | 53.0 | 42.0 | 37.8 | 32.5 | | | | | |
| 7 | 36.5 | 40.9 | 40.6 | 40.0 | 35.1 | 30.4 | 25.6 | | | | |
| 8 | 28.2 | 27.8 | 27.6 | 29.6 | 31.0 | 28.4 | 24.1 | 20.1 | | | |
| 9 | 20.5 | 20.2 | 20.0 | 21.8 | 23.1 | 24.0 | 22.7 | 19.0 | | | |
| 10 | 15.5 | 15.3 | 15.1 | 16.7 | 17.8 | 18.7 | 19.4 | 17.8 | 15.4 | | |
| 12 | | 9.1 | 9.0 | 10.4 | 11.4 | 12.2 | 12.7 | 13.2 | 13.6 | | |
| 14 | | | 5.5 | 5.4 | 6.7 | 7.6 | 8.3 | 8.8 | 9.3 | 9.6 | |
| 16 | | | | 3.0 | 4.2 | 5.1 | 5.8 | 6.3 | 6.7 | 7.0 | |
| 18 | | | | | 1.3 | 2.5 | 3.3 | 4.0 | 4.4 | 4.8 | 5.1 |
| 20 | | | | | | 1.2 | 2.0 | 2.6 | 3.1 | 3.4 | 3.7 |
| 22 | | | | | | | 1.0 | 1.5 | 2.0 | 2.4 | 2.6 |
| 24 | | | | | | | | | 1.2 | 1.5 | 1.8 |
| 26 | | | | | | | | | | | 1.1 |
| 倍率 Parts of line | 12 | 10 | 8 | 6 | 5 | 4 | 4 | 3 | 2 | | |
| 最小主臂仰角 Min.boom angle (°) | 29 | 30 | 31 | 39 | 45 | 52 | 54 | 59 | 61 | | |
| 最大主臂仰角 Max.boom angle (°) | 72 | 77 | 78 | 78 | 80 | 81 | 81 | 81 | 81 | | |
| 使用吊钩 hook block | 100t吊钩 (1017kg) | | | 50t吊钩 (505kg) | | | | | | | |

 QY100K-I起重机全伸支腿稳定性能表 Crane lifting capacity table with full-extended outriggers

| 工作幅度 Working radius (m) | 8.3t平衡重 全伸支腿360°作业 Counter weight 8.3t Full-extend outrigger.360°swing | | | | | | | | | | | | |
|---------------------------------|---------------------------------------------------------------------------|------|------|------------------|------|------|------|------|------|------|-----|-----|-----|
| | 主臂长度 Boom(m) | | | | | | | | | | | | |
| | 13.5 | 18.2 | 22.9 | 27.6 | 32.3 | 36.9 | 41.6 | 46.3 | 51 | | | | |
| 3 | 100.0 | 80.0 | | | | | | | | | | | |
| 4 | 88.0 | 73.0 | 62.0 | | | | | | | | | | |
| 5 | 70.0 | 63.0 | 61.0 | 42.0 | 41.0 | | | | | | | | |
| 6 | 57.0 | 56.0 | 53.0 | 42.0 | 37.8 | 32.5 | | | | | | | |
| 7 | 47.0 | 50.0 | 45.8 | 40.0 | 35.1 | 30.4 | 25.6 | | | | | | |
| 8 | 39.9 | 39.6 | 39.4 | 36.4 | 32.5 | 28.4 | 24.1 | 20.1 | | | | | |
| 9 | 30.2 | 30.0 | 29.8 | 31.5 | 30.1 | 26.5 | 22.7 | 19.0 | | | | | |
| 10 | 23.5 | 23.3 | 23.2 | 24.7 | 25.8 | 24.5 | 21.4 | 17.8 | 15.4 | | | | |
| 12 | | 15.2 | 15.1 | 16.4 | 17.4 | 18.1 | 18.7 | 16.3 | 13.8 | | | | |
| 14 | | | 10.4 | 10.3 | 11.5 | 12.4 | 13.1 | 13.6 | 14.0 | 12.7 | | | |
| 16 | | | | 7.1 | 8.3 | 9.2 | 9.8 | 10.3 | 10.6 | 11.0 | | | |
| 18 | | | | | 4.8 | 6.0 | 6.8 | 7.4 | 7.9 | 8.2 | 8.5 | | |
| 20 | | | | | | 4.3 | 5.1 | 5.7 | 6.1 | 6.5 | 6.7 | | |
| 22 | | | | | | | 2.9 | 3.7 | 4.3 | 4.7 | 5.1 | 5.3 | |
| 24 | | | | | | | | 2.6 | 3.2 | 3.6 | 4.0 | 4.2 | |
| 26 | | | | | | | | | 1.7 | 2.3 | 2.7 | 3.0 | 3.3 |
| 28 | | | | | | | | | | 1.5 | 2.0 | 2.3 | 2.6 |
| 30 | | | | | | | | | | | 1.3 | 1.7 | 1.9 |
| 32 | | | | | | | | | | | | 1.1 | 1.4 |
| 倍率 Parts of line | 12 | 10 | 8 | 6 | 5 | 4 | 4 | 3 | 2 | | | | |
| 最小主臂仰角 Min.boom angle (°) | 29 | 30 | 31 | 32 | 32 | 38 | 43 | 46 | 52 | | | | |
| 最大主臂仰角 Max.boom angle (°) | 72 | 77 | 78 | 78 | 80 | 81 | 81 | 81 | 81 | | | | |
| 使用吊钩 hook block | 100t吊钩 (1017kg) | | | 50t吊钩 (505kg) | | | | | | | | | |

 QY100K-I起重机全伸支腿稳定性能表 Crane lifting capacity table with full-extended outriggers

| 工作幅度 Working radius (m) | 16.3t平衡重 全伸支腿360°作业 Counter weight 16.3t Full-extend outrigger 360° swing | | | | | | | | |
|---------------------------------|------------------------------------------------------------------------------|------|------|------------------|------|------|------|------|------|
| | 主臂长度 Boom(m) | | | | | | | | |
| | 13.5 | 18.2 | 22.9 | 27.6 | 32.3 | 36.9 | 41.6 | 46.3 | 51 |
| 3 | 100.0 | 80.0 | | | | | | | |
| 4 | 82.6 | 73.0 | 62.0 | | | | | | |
| 5 | 65.8 | 63.0 | 61.0 | 42.0 | 41.0 | | | | |
| 6 | 54.9 | 55.8 | 53.0 | 42.0 | 37.8 | 32.5 | | | |
| 7 | 45.0 | 50.0 | 45.8 | 40.0 | 35.1 | 30.4 | 25.6 | | |
| 8 | 38.5 | 41.8 | 41.2 | 36.4 | 32.5 | 28.4 | 24.1 | 20.1 | |
| 9 | 34.0 | 36.2 | 35.8 | 33.3 | 30.1 | 26.5 | 22.7 | 19.0 | |
| 10 | 29.0 | 31.5 | 31.0 | 30.8 | 28.0 | 24.5 | 21.4 | 17.8 | 15.4 |
| 12 | | 21.3 | 21.2 | 22.6 | 23.5 | 22.0 | 19.2 | 16.3 | 13.8 |
| 14 | | 15.2 | 15.1 | 16.4 | 17.3 | 18.0 | 17.3 | 14.8 | 12.7 |
| 16 | | | 11.1 | 12.4 | 13.2 | 13.8 | 14.3 | 13.5 | 11.6 |
| 18 | | | 8.3 | 9.5 | 10.3 | 10.9 | 11.3 | 11.7 | 10.6 |
| 20 | | | | 7.3 | 8.1 | 8.7 | 9.1 | 9.5 | 9.7 |
| 22 | | | | 5.6 | 6.4 | 7.0 | 7.4 | 7.7 | 8.0 |
| 24 | | | | | 5.0 | 5.6 | 6.0 | 6.4 | 6.6 |
| 26 | | | | | 3.9 | 4.5 | 4.9 | 5.2 | 5.5 |
| 28 | | | | | | 3.6 | 4.0 | 4.3 | 4.6 |
| 30 | | | | | | 2.8 | 3.2 | 3.5 | 3.8 |
| 32 | | | | | | | 2.5 | 2.8 | 3.1 |
| 34 | | | | | | | 1.9 | 2.2 | 2.5 |
| 36 | | | | | | | | 1.7 | 2.0 |
| 38 | | | | | | | | 1.3 | 1.5 |
| 40 | | | | | | | | | 1.1 |
| 倍率 Parts of line | 12 | 10 | 8 | 6 | 5 | 4 | 4 | 3 | 2 |
| 最小主臂仰角 Min.boom angle (°) | 29 | 30 | 31 | 32 | 32 | 32 | 33 | 33 | 34 |
| 最大主臂仰角 Max.boom angle (°) | 72 | 77 | 78 | 78 | 80 | 81 | 81 | 81 | 81 |
| 使用吊钩 hook block | 100t吊钩 (1017kg) | | | 50t吊钩 (505kg) | | | | | |

 QY100K-I起重机全伸支腿稳定性能表 Crane lifting capacity table with full-extended outriggers

| 工作幅度 Working radius (m) | 22.2t平衡重 全伸支腿360°作业 Counter weight 22.2t Full-extend outrigger 360° swing | | | | | | | | |
|---------------------------------|------------------------------------------------------------------------------|------|------|------------------|------|------|------|------|------|
| | 主臂长度 Boom(m) | | | | | | | | |
| | 13.5 | 18.2 | 22.9 | 27.6 | 32.3 | 36.9 | 41.6 | 46.3 | 51 |
| 3 | 100.0 | 80.0 | | | | | | | |
| 4 | 88.0 | 73.0 | 62.0 | | | | | | |
| 5 | 70.0 | 63.0 | 61.0 | 42.0 | 41.0 | | | | |
| 6 | 57.0 | 56.0 | 53.0 | 42.0 | 37.8 | 32.5 | | | |
| 7 | 47.0 | 50.0 | 45.8 | 40.0 | 35.1 | 30.4 | 25.6 | | |
| 8 | 40.5 | 41.8 | 41.2 | 36.4 | 32.5 | 28.4 | 24.1 | 20.1 | |
| 9 | 34.5 | 36.2 | 35.8 | 33.3 | 30.1 | 26.5 | 22.7 | 19.0 | |
| 10 | 30.0 | 31.6 | 31.0 | 30.8 | 28.0 | 24.5 | 21.4 | 17.8 | 15.4 |
| 12 | | 24.0 | 23.8 | 25.0 | 24.3 | 22.0 | 19.2 | 16.3 | 13.8 |
| 14 | | 17.8 | 17.9 | 19.4 | 20.3 | 19.4 | 17.3 | 14.8 | 12.7 |
| 16 | | | 13.7 | 14.9 | 15.8 | 16.8 | 15.7 | 13.5 | 11.6 |
| 18 | | | 10.5 | 11.8 | 12.7 | 13.2 | 13.9 | 12.2 | 10.6 |
| 20 | | | | 9.5 | 10.3 | 10.8 | 11.4 | 11.2 | 9.7 |
| 22 | | | | 7.6 | 8.4 | 9.1 | 9.6 | 9.9 | 8.9 |
| 24 | | | | | 6.6 | 7.5 | 8.0 | 8.3 | 8.3 |
| 26 | | | | | 5.4 | 6.2 | 6.7 | 6.9 | 7.3 |
| 28 | | | | | | 5.1 | 5.6 | 5.9 | 6.2 |
| 30 | | | | | | 4.2 | 4.6 | 5.0 | 5.2 |
| 32 | | | | | | | 3.4 | 3.8 | 4.2 |
| 34 | | | | | | | | 3.2 | 3.5 |
| 36 | | | | | | | | | 2.6 |
| 38 | | | | | | | | | 2.3 |
| 40 | | | | | | | | | 1.9 |
| 42 | | | | | | | | | 1.7 |
| 倍率 Parts of line | 12 | 10 | 8 | 6 | 5 | 4 | 4 | 3 | 2 |
| 最小主臂仰角 Min.boom angle (°) | 29 | 30 | 31 | 32 | 32 | 32 | 33 | 33 | 34 |
| 最大主臂仰角 Max.boom angle (°) | 72 | 77 | 78 | 78 | 80 | 81 | 81 | 81 | 81 |
| 使用吊钩 hook block | 100t吊钩 (1017kg) | | | 50t吊钩 (505kg) | | | | | |

- 表中所列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/m²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。当主臂臂头装有副臂时，主臂的额定起重量根据实际情况，应减去副臂重量。
- 上述起重表仅供参考，详细信息请参阅产品使用说明书。
- 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/m², lifting operation is still permissible under the condition of wind level 7.
- 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.

 QY100K-I起重机副臂性能表 Crane lifting capacity table with lengthened jib

8.3t平衡重 全伸支腿 侧、后方作业
Counter weight 8.3t Full-extend outrigger,boom at the side or the rear
主臂长度 Boom 51m

| 主臂 仰角 Boom angle (°) | 副臂 Jib 10.6m | | | | | | 副臂 Jib 18.1m | | | | | |
|-------------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|
| | 0° | | 15° | | 30° | | 0° | | 15° | | 30° | |
| | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) |
| 78 | 7.0 | 13.5 | 5.0 | 15.9 | 3.5 | 18.1 | 3.6 | 15.4 | 2.7 | 19.6 | 2.1 | 23.3 |
| 75 | 6.5 | 16.5 | 4.3 | 18.9 | 3.4 | 20.9 | 3.3 | 18.8 | 2.5 | 22.9 | 2.0 | 26.5 |
| 72 | 6.0 | 19.5 | 4.0 | 21.8 | 3.3 | 23.8 | 3.1 | 21.9 | 2.4 | 26.1 | 1.9 | 29.6 |
| 70 | 5.2 | 21.4 | 3.8 | 23.7 | 3.2 | 25.6 | 2.9 | 24.3 | 2.3 | 28.3 | 1.8 | 31.6 |
| 65 | 4.4 | 26.1 | 3.6 | 28.3 | 3.1 | 30.1 | 2.7 | 29.6 | 2.2 | 33.4 | 1.7 | 36.4 |
| 60 | 2.8 | 30.6 | 2.5 | 32.7 | 2.4 | 34.3 | 2.0 | 34.6 | 1.7 | 38.2 | 1.5 | 40.9 |
| 55 | 1.6 | 34.8 | 1.5 | 36.8 | 1.4 | 38.2 | 1.1 | 39.4 | 0.9 | 42.7 | 0.8 | 45.1 |
| 50 | 0.8 | 38.8 | 0.8 | 40.6 | 0.7 | 41.8 | | | | | | |

16.3t平衡重 全伸支腿 侧、后方作业
Counter weight 16.3t Full-extend outrigger,boom at the side or the rear
主臂长度 Boom 51m

| 主臂 仰角 Boom angle (°) | 副臂 Jib 10.6m | | | | | | 副臂 Jib 18.1m | | | | | |
|-------------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|
| | 0° | | 15° | | 30° | | 0° | | 15° | | 30° | |
| | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) |
| 78 | 7.0 | 13.5 | 5.0 | 15.9 | 3.5 | 18.1 | 3.6 | 15.4 | 2.7 | 19.6 | 2.1 | 23.3 |
| 75 | 6.5 | 16.5 | 4.3 | 18.9 | 3.4 | 20.9 | 3.3 | 18.8 | 2.5 | 22.9 | 2.0 | 26.5 |
| 72 | 6.0 | 19.5 | 4.0 | 21.8 | 3.3 | 23.8 | 3.1 | 21.9 | 2.4 | 26.1 | 1.9 | 29.6 |
| 70 | 5.2 | 21.4 | 3.8 | 23.7 | 3.2 | 25.6 | 2.9 | 24.3 | 2.3 | 28.3 | 1.8 | 31.6 |
| 65 | 4.5 | 26.1 | 3.6 | 28.3 | 3.1 | 30.1 | 2.7 | 29.6 | 2.2 | 33.4 | 1.7 | 36.4 |
| 60 | 4.0 | 30.6 | 3.4 | 32.7 | 3.0 | 34.3 | 2.5 | 34.6 | 2.0 | 38.2 | 1.6 | 40.9 |
| 55 | 2.7 | 34.8 | 2.5 | 36.8 | 2.3 | 38.2 | 1.9 | 39.4 | 1.7 | 42.7 | 1.5 | 45.1 |
| 50 | 1.7 | 38.8 | 1.6 | 40.6 | 1.6 | 41.8 | 1.2 | 43.8 | 1.0 | 46.9 | 1.0 | 49.0 |
| 45 | 1.1 | 42.5 | 1.0 | 44.1 | 1.0 | 45.1 | | | | | | |

22.2t平衡重 全伸支腿 侧、后方作业
Counter weight 22.2t Full-extend outrigger,boom at the side or the rear
主臂长度 Boom 51m

| 主臂 仰角 Boom angle (°) | 副臂 Jib 10.6m | | | | | | 副臂 Jib 18.1m | | | | | |
|-------------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|
| | 0° | | 15° | | 30° | | 0° | | 15° | | 30° | |
| | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) |
| 78 | 7.0 | 13.5 | 5.0 | 15.9 | 3.5 | 18.1 | 3.6 | 15.4 | 2.7 | 19.6 | 2.1 | 23.3 |
| 75 | 6.5 | 16.5 | 4.3 | 18.9 | 3.4 | 20.9 | 3.3 | 18.8 | 2.5 | 22.9 | 2.0 | 26.5 |
| 72 | 6.0 | 19.5 | 4.0 | 21.8 | 3.3 | 23.8 | 3.1 | 21.9 | 2.4 | 26.1 | 1.9 | 29.6 |
| 70 | 5.2 | 21.4 | 3.8 | 23.7 | 3.2 | 25.6 | 2.9 | 24.3 | 2.3 | 28.3 | 1.8 | 31.6 |
| 65 | 4.5 | 26.1 | 3.6 | 28.3 | 3.1 | 30.1 | 2.7 | 29.6 | 2.2 | 33.4 | 1.7 | 36.4 |
| 60 | 4.1 | 30.6 | 3.4 | 32.7 | 3.0 | 34.3 | 2.5 | 34.6 | 2.0 | 38.2 | 1.6 | 40.9 |
| 55 | 3.5 | 34.8 | 3.2 | 36.8 | 2.9 | 38.2 | 2.3 | 39.4 | 1.9 | 42.7 | 1.5 | 45.1 |
| 50 | 2.5 | 38.8 | 2.3 | 40.6 | 2.2 | 41.8 | 1.8 | 43.8 | 1.6 | 46.9 | 1.4 | 49.0 |
| 45 | 1.8 | 42.5 | 1.7 | 44.1 | 1.6 | 45.1 | 1.2 | 48.0 | 1.1 | 50.7 | 1.0 | 52.4 |
| 40 | 1.2 | 45.8 | 1.1 | 47.2 | 1.0 | 48.1 | | | | | | |

 QY100K-I起重机加长副臂性能表 Crane lifting capacity table with lengthened jib

8.3t平衡重 全伸支腿 侧、后方作业
Counter weight 8.3t Full-extend outrigger,boom at the side or the rear
主臂长度 Boom 51m

| 主臂 仰角 Boom angle (°) | 副臂 Jib 14.6m | | | | | | 副臂 Jib 22.1m | | | | | |
|-------------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|
| | 0° | | 15° | | 30° | | 0° | | 15° | | 30° | |
| | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) |
| 78 | 7.0 | 15.3 | 4.8 | 18.6 | 3.4 | 21.6 | 3.2 | 18.6 | 2.5 | 23.7 | 1.8 | 28.1 |
| 75 | 6.0 | 18.6 | 4.2 | 21.9 | 3.1 | 24.7 | 2.6 | 22.2 | 2.2 | 27.2 | 1.6 | 31.4 |
| 72 | 5.5 | 21.8 | 4.0 | 25.0 | 3.0 | 27.7 | 2.4 | 25.8 | 2.0 | 30.6 | 1.6 | 34.7 |
| 70 | 4.0 | 23.9 | 3.8 | 27.1 | 2.9 | 29.7 | 2.0 | 28.1 | 1.8 | 32.9 | 1.4 | 36.8 |
| 65 | 2.0 | 29.1 | 1.9 | 32.0 | 1.7 | 34.4 | 1.7 | 33.8 | 1.4 | 38.3 | 1.2 | 41.8 |
| 60 | 1.2 | 34.0 | 1.0 | 36.8 | 0.9 | 38.9 | 0.9 | 39.2 | 0.7 | 43.4 | 0.6 | 46.6 |

16.3t平衡重 全伸支腿 侧、后方作业
Counter weight 16.3t Full-extend outrigger,boom at the side or the rear
主臂长度 Boom 51m

| 主臂 仰角 Boom angle (°) | 副臂 Jib 14.6m | | | | | | 副臂 Jib 22.1m | | | | | |
|-------------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|
| | 0° | | 15° | | 30° | | 0° | | 15° | | 30° | |
| | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) |
| 78 | 7.0 | 15.3 | 4.8 | 18.6 | 3.4 | 21.6 | 3.3 | 18.6 | 2.5 | 23.7 | 1.8 | 28.1 |
| 75 | 6.0 | 18.6 | 4.2 | 21.9 | 3.1 | 24.7 | 2.8 | 22.2 | 2.2 | 27.2 | 1.6 | 31.4 |
| 72 | 5.5 | 21.8 | 4.0 | 25.0 | 3.0 | 27.7 | 2.5 | 25.8 | 2.0 | 30.6 | 1.6 | 34.7 |
| 70 | 4.2 | 23.9 | 3.8 | 27.1 | 2.9 | 29.7 | 2.2 | 28.1 | 1.8 | 32.9 | 1.6 | 36.8 |
| 65 | 3.5 | 29.1 | 3.3 | 32.0 | 2.7 | 34.4 | 1.8 | 33.8 | 1.6 | 38.3 | 1.4 | 41.8 |
| 60 | 2.5 | 34.0 | 2.2 | 36.8 | 2.0 | 38.9 | 1.2 | 39.2 | 1.2 | 43.4 | 1.2 | 46.6 |
| 55 | 1.4 | 38.6 | 1.3 | 41.2 | 1.2 | 43.1 | 0.9 | 44.3 | 0.9 | 48.2 | 0.8 | 50.9 |
| 50 | 0.6 | 42.9 | 0.55 | 45.3 | | | 0.45 | 49.0 | 0.35 | 52.6 | | |

22.2t平衡重 全伸支腿 侧、后方作业
Counter weight 22.2t Full-extend outrigger,boom at the side or the rear
主臂长度 Boom 51m

| 主臂 仰角 Boom angle (°) | 副臂 Jib 14.6m | | | | | | 副臂 Jib 22.1m | | | | | |
|-------------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|
| | 0° | | 15° | | 30° | | 0° | | 15° | | 30° | |
| | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) | 起重量 Lifting Load (t) | 工作幅度 Working Radu (m) |
| 78 | 7.0 | 15.3 | 4.8 | 18.6 | 3.4 | 21.6 | 3.3 | 18.6 | 2.5 | 23.7 | 1.8 | 28.1 |
| 75 | 6.0 | 18.6 | 4.2 | 21.9 | 3.1 | 24.7 | 3.0 | 22.2 | 2.3 | 27.2 | 1.6 | 31.4 |
| 72 | 5.5 | 21.8 | 4.0 | 25.0 | 3.0 | 27.7 | 2.8 | 25.8 | 2.2 | 30.6 | 1.6 | 34.7 |
| 70 | 4.2 | 23.9 | 3.8 | 27.1 | 2.9 | 29.7 | 2.5 | 28.1 | 2.0 | 32.9 | 1.6 | 36.8 |
| 65 | 3.9 | 29.1 | 3.3 | 32.0 | 2.7 | 34.4 | 2.5 | 33.8 | 1.8 | 38.3 | 1.6 | 41.8 |
| 60 | 3.2 | 34.0 | 3.1 | 36.8 | 2.5 | 38.9 | 2.2 | 39.2 | 1.6 | 43.4 | 1.4 | 46.6 |
| 55 | 2.2 | 38.6 | 2.0 | 41.2 | 1.9 | 43.1 | 1.5 | 44.3 | 1.2 | 48.2 | 1.2 | 50.9 |
| 50 | 1.3 | 42.9 | 1.2 | 45.3 | 1.1 | 46.9 | 1.0 | 49.0 | 0.9 | 52.6 | 0.8 | 54.9 |