QY50K领先型
XZJ5390/5391JQZ50K
全液压汽车起重机
FULL HYDRAULIC TRUCK CRANE

- 最大起重量：幅度3米时为50吨 Max. Capacity: 50t at radius 3m.
- 最大起吊高度：带副臂时为55.8米 Max. Lifting Height: 55.8m with Jib.
- 最大工作半径：带副臂时为36米 Max. Working Radius: 36m with Jib.

XCMG 徐工集团
主臂起重性能表

<table>
<thead>
<tr>
<th>工作幅度（m）</th>
<th>吊臂长度</th>
<th>基本臂</th>
<th>中长臂</th>
<th>中长臂</th>
<th>中长臂</th>
<th>全伸臂</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>10.7m</td>
<td>50000</td>
<td>31000</td>
<td>20000</td>
<td>12000</td>
<td></td>
</tr>
<tr>
<td>3.5</td>
<td>16.5m</td>
<td>50000</td>
<td>31000</td>
<td>20000</td>
<td>12000</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>21.0m</td>
<td>42500</td>
<td>23000</td>
<td>12000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.5</td>
<td>25.4m</td>
<td>36000</td>
<td>20000</td>
<td>10000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>30.0m</td>
<td>30300</td>
<td>18500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.5</td>
<td>33.3m</td>
<td>25600</td>
<td>13600</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>36.9m</td>
<td>19400</td>
<td>9850</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.5</td>
<td>40.5m</td>
<td>15200</td>
<td>6800</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>44.1m</td>
<td>12100</td>
<td>4900</td>
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<td></td>
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<tr>
<td>7.5</td>
<td>47.7m</td>
<td>9550</td>
<td>3200</td>
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</tr>
<tr>
<td>8</td>
<td>51.3m</td>
<td>7300</td>
<td>2000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8.5</td>
<td>54.9m</td>
<td>5650</td>
<td>1200</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>9</td>
<td>58.5m</td>
<td>4300</td>
<td>700</td>
<td></td>
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</tr>
<tr>
<td>9.5</td>
<td>62.1m</td>
<td>3050</td>
<td>400</td>
<td></td>
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</tr>
<tr>
<td>10</td>
<td>65.7m</td>
<td>2000</td>
<td>200</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10.5</td>
<td>69.3m</td>
<td>1200</td>
<td>120</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

注：对表一、表二中起重量的说明
(1) 表中限定起重重量所表示的数值，是在平整的坚固地面上本起重机能够保证的最大起重重量。
(2) 表中原定起重重量包括吊钩和吊具的重量。
(3) 表中的工作幅度是包括吊臂的变形量在内的实际值。
(4) 允许风条件下风压为 125N/m² 起重机仍可作业。
(5) 表一起重高度均为参考值。

Notes on Table 1 and Table 2.
(1) The data in the table are the max lifting capacity when the crane is set up on level and firm ground.
(2) The total rated lifting load in the table includes the weight of hook block and slings.
(3) The working radius in the table one is the actual value including boom deflection under loads.
(4) Wind pressure 125N/m² Lifting operation is also allowed under the condition of wind force scale 7.
(5) The lifting height in table 1 is only for reference.
QY50K领先型
全液压汽车起重机

- 吊装装备的全新形象
  世界最先进的豪华型汽车起重机专用驾驶室、新型操纵室，和国际结构形式同步的五节“U”形钢构，构造出新一代吊装装备的全新形象。
- 更加严谨、可靠地运行
  比例先导控制的负载反馈系统与进口先导阀及马达等主要元件的最佳匹配，令吊装过程精准、可靠。
- 高效率的持续体现
  采用进口钢材，改进吊臂截面形状及减少大量焊接工序，全方位增强了机材应力和韧性，降低了故障发生率，使产品运作高效、持久。
- 人性化的体贴设计
  充分考虑了吊装行业全天候作业，在各种恶劣环境作业时的需求，如独家使用的夜视水平仪、高原型配置……

ENVIRONMENTAL · SAFE · RELIABLE · ADVANCED

环保 · 安全 · 可靠 · 先进

(一)卓越的起吊机构
- 选用普通滑轮时，重物起吊40米只需30秒
- 采用常规式行星减速机构
- 防打绞，不致钢丝绳打结
- 0~80°变幅时间只需86秒
- 每分110米的起升速度
- 每分2圈的回转速度
- 双独立起升机构

(1)Excellent Lifting Devices
- With boom sp. sheave, lifting up to 40m in 30 seconds.
- With standard planetary reduction.
- Untwist and untwisted wire ropes.
- Elevating from 0° to 80° only in 86 seconds.
- Hoist speed 110m/min.
- Swing speed 2min.
- Twin independent winches.

(二)支腿操纵·快捷·方便
- 采用第五支腿时，可实现360°全回转
- 方便的双侧操作，双侧均配有夜视水平仪（专利号：0215322 X）
- 各支腿可独立操作，亦可同时操作
- 双H型支腿，单节水平支腿最大横向跨距6.6米，纵向跨距5.65米
- 调平支腿只要65秒
- 醒目的支腿操纵标识和说明

(2)Quickly and Easily Operated
- 360° full swing with 5th outrigger.
- Double-side operation with night vision level meter (Patent No. 0215322 X).
- Each outrigger can be operated independently or simultaneously.
- Double H-type outriggers with longitudinal span 6.6m and lateral span 5.65m.
- Outrigger leveling only in 65 seconds.

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Brand New Lifting Equipment
The world advanced luxury truck crane cabs and 5-section "U" shaped boom build up a new generation of brand new lifting equipment.

More Precise and Reliable Control System
The hydraulic proportional pilot control with load sensing feedback and advanced pilot valves and motors ensure precision and reliability for lifting operation.

High Quality Structural Parts
The high strength steel, improved boom profile and advanced welding procedure increase steel plate stress and stiffness, reduce defects and make the crane work with high efficiency and longer service life.

Ergonomically Designed Cabs
All weather operation is taken account for needs of rough working conditions such as the unique night vision level meter and highland type equipment.

(4) Reliable Hydraulic System
- Imported clamp-type pipe fittings, no leakage and pollution
- High-efficient hydraulic oil cooling system
- Energy-saving and cost-efficient winch of variable displacement (Patent No. 01237657.4)
- Shock-proof and auto-aligned swing system (Patent No. 03219267.3)
- Well performed and reliable actuators such as pump motor, valve and seals etc.
- Highly integrated modular type valve block with simple piping and little resistance.

(3) Powerful Carrier Drive
- STYRE turbocharged diesel engine with output 206kW
- Outstanding powered transmission
- Powerful and reliable drive train.
QY50K, equipped with the world advanced oviform profile boom made of imported high strength steel, ensures max. lifting capacity with min. dead weight. The larger slides between boom sections guarantee boom coaxiality for good transfer of weight and force, and improve lifting capacity.

Excellent Performed Telescopic Boom
- Oviform boom profile reduces the weight of main boom and increases load lifting capacity.
- Double cylinders plus wire ropes for telescoping, boom extension from 10.7m to 40.10m only in 180 seconds.
- Sufficient side lubrication for each boom section.
- Outstanding load lifting capacity:
  - Max. lifting load moment 1764kN.m
  - 50t load lifted with base boom at 3m radius.
  - Max. 31t load lifted with mid-extended boom at 18.05m boom length.
  - Max. 20t load lifted with mid-extended boom at 25.40m boom length.
  - Max. 13.6t load lifted with mid-extended boom at 32.75m boom length.
  - Max. 8.21t load lifted with mid-extended boom at 40.10m boom length.
  - Max. 4t load lifted with 8.5m jib.
  - Max. 2t load lifted with 15m jib.

Boom Telescoping System
- Double cylinders plus wire ropes for synchronous telescoping, quick and easy.
- Double cylinders of inside connection, free of hose reel.
- Multi-core telescoping cylinders.
- Imported wire ropes and bearings.

性能卓越的伸臂主臂
- 倍圆形截面，良好的抗扭屈能力
- 双缸加撑杆伸缩方式，臂长从 10.70 米到 40.10 米，仅需 180 秒
- 每节伸缩臂可从侧面得到充分的润滑
- 出类拔萃的起重量能力：
  - 最大起重量 1764kN.m
  - 基本臂 3 米幅度时可起吊 50 吨
  - 中长臂 18.05 米时最大可吊 31 吨
  - 中长臂 25.40 米时最大可吊 20 吨
  - 中长臂 32.75 米时最大可吊 13.6 吨
  - 全伸臂 40.10 米时最大可吊 8.2 吨
  - 8.5 米副臂时最大可吊 4 吨

15 米副臂时最大可吊 2 吨

Oviform profile boom increases load lifting capacity
- Double multi-core telescoping cylinders of inside connection, free of hose reel
QY50K 领先型起重机遵循人性化设计和人机工程原理，在确保用户安全操作的同时，更时刻体现出世界先进水平产品的强劲和可靠。

Ergonomically designed QY50K not only ensures the safety for driver and operator but also represents the reliability of world advanced level.

宽敞的驾驶室
- 雕形美观的驾驶室
- 良好的隔音效果
- 可调式驾驶员太空座垫
- 可调节方向盘
- 四季如春的暖暖空调
- 可自动除雾
- 起重机油门操纵装置（专利号，01217723.7）

Spacious Carrier Cab
- Cab of state of the art
- Good sound insulation
- Adjustable driver's seat.
- Adjustable steering wheel.
- On-board air-conditioner.
- Defroster for windscreen.
- Crane accelerator control (Patent No. 01217723.7)

新型的操纵室
- 流线型整体式复合材料壳体
- 大圆弧整体式前上方安全玻璃，清除视觉死角
- 可调式操作员座椅
- 设计合理的内装饰，良好的视觉和隔音效果
- 可选装空调和暖风装置
- 遮阳外取窗帘
- 功能齐全的力矩限制器
- 方便的液位比例手柄
- 良好的速度控制

Newly Designed Crane Cab
- Streamlined cab body made of compound material.
- Round-angle safety glass for front window with wide field of vision.
- Adjustable operator's seat.
- Inner decoration of reasonable design, larger vision and good sound insulation.
- Air-conditioner and heater are for option.
- Curtain for protection of ultraviolet radiation.
- Multi-functional load moment limiter.
- Easy operated proportional joystick.
- Good speed control.
QY50K LEADING CLASS FULL HYDRAULIC TRUCK CRANE

XCMG

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Service Fax (Service Fax): 0516 - 3451180
Spare Parts Phone (Spare parts Tel): 0516 - 3461542
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