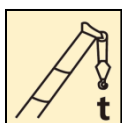


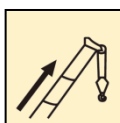
XCT50_M 汽车起重机 / Truck Crane

产品简介

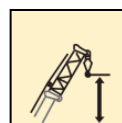
Brief introduction



50 t



43.5 m



59.5 m



 Machmall.com

Web: machmall.com
Tel: +86-516 8773 9797
E: machmall@xcmg.com



XCT50_M广泛适用于建筑工地、城市改造、交通运输、港口、桥梁、油田、矿场等场所和其它复杂的作业环境

XCT50_M Truck crane is widely used for the lifting operations in general engineering projects, such as construction site, urban renewal, communication and transportation, ports, bridge, oilfields and mine, and complex working environments.



XCT50_M

- 五节“U型”43.5米主臂，最大起重能力：50吨，最大起升高度：59.5米，性能全面领先
- 5-section boom of 43.5m with U-type profile is adopted; the max. lifting load is 50 t; the max. lifting height is 59.5 m. The performance takes the lead comprehensively.
- 整机耐高温设计，60℃持续作业不停机
- The machine is designed to be high temperature resistance, so it can continuously work without downtime in ambient temperature of 60℃.
- 配置丰富，满足所有油田、政府类工程要求
- Abundant configurations suitable for various working conditions, meet the requirements of applications such as all oil fields and government projects.



XCT50_M







回转机构

Slewing mechanism

- 单排四点接触球外齿式回转支承，360度回转
- Single-row four-point ball contact external tooth slewing ring, may continuously slew 360°.
- 定量泵-低速大扭矩定量马达液压系统
- A constant displacement pump and a low speed large torque motor with mature slewing buffering technology adopted
- 具有动力控制或自由回转的功能，可无级调速
- Power control and free-sliding function are available, and speed may be infinitely regulated
- 回转速度为0-2r/min
- Slewing speed 0-2r/min



超强起重性能

Super lifting performance

- 行业最长五节 43.5 米“U 型”主臂，主吊钩最大 12 倍率，性能领先同类产品 8%。顺序伸缩升级为任意伸缩，臂长变换更高效，中长臂性能更高；
- 5-section boom of 43.5 m with U-type profile is the longest of the same class in the industry; the max. parts of line is 12 for the main hook block. The performance is 8% higher than that of the competitors. The telescoping mode is updated from sequential telescoping to random telescoping. The change of boom length is more efficient, and the performance of medium-long boom is higher;
- 创新单板臂头与紧凑型臂尾结构，搭接比行业最大，吊臂承载力更强。
- Innovative single-plate boom head and compact boom tail structure, best overlapping ratio in its class and stronger boom load-bearing capacity;



新型节能液压系统

New energy-saving hydraulic system

- 回转最低稳定速度达到 0.1°/s，起升最低稳定速度（卷筒处）2.5m/min，起吊精准，更加适合精准吊装作业；
- The min. stable slewing speed is 0.1°/s. The min. stable lifting speed (drum) is 2.5m/min. Precise and safe lifting movements can be realized.
- 双泵分合流控制技术，复合动作性能行业最高，作业高效；
- Dual-pump separate and confluent control technology brings higher compound movement performance in the industry with higher working efficiency.
- 液压马达独立散热技术，高温环境下持续作业不停机，吊装作业安全可靠。
- Independent cooling technology of the hydraulic motor. It can work normally in the high temperature environment and thus the hoisting operation is safe and reliable.

起升机构

Hoisting mechanism

- 定量泵-变量马达开式液压系统
- Open type hydraulic system with variable displacement pump and constant displacement motor equipped
- 行星齿轮减速器、常闭式制动器
- Planetary gear reducer, normally closed brake
- 最大单绳拉力为50KN
- Max. single line pull 50KN
- 最大起升速度130m/min
- Max. hoisting 130m/min



变幅机构

Elevating mechanism

- 单变幅油缸，可靠性高
- Single elevating cylinder, high reliability
- 采用动力下降方式
- Power lowering boom



工况	代码	支腿	区域	臂长
主臂工况	0001	全伸	后方	10.0
主臂工况	0001	全伸	后方	14.4
主臂工况	0001	全伸	后方	18.8
主臂工况	0001	全伸	后方	23.2
主臂工况	0001	全伸	后方	27.6
主臂工况	1001	全伸	后方	10.0
主臂工况	1001	全伸	后方	14.4
主臂工况	1001	全伸	后方	18.8

05-06 13:33

工况自动规划技术

Automatic working condition planning technology

- 自动推荐最优工况
- Automatically recommend the most proper working conditions
- 简化查询与设置工况过程
- Searching and setting work condition simply



新型外观造型与人性化设计

New appearance and humanized design

- 新一代外观设计，整机刚劲有力，时尚的驾驶室与操纵室新外观，层次感与力量感完美结合；全面的人体工程学分析，人性化细节处理，打造驾驶轻松、操纵舒适，维护便捷的内在品质
- A new generation of appearance design makes the whole vehicle powerful and vigorous; Fashionable outlines of driver's cab and operator's cab bring perfect combination of sense of lays and sense of physical strength; ergonomics analysis and humanized details make inherent quality of easy driving comfortable operation and convenient maintenance



立体空调风道

Three dimensional air vents

- 立体式送风，流速更细腻，避免冷热不均。
- Three dimensional air supply, optimized flow rate, avoiding uneven heating and cooling.

操纵室内即可完成回转锁止操作。
Slewing lock operation can be realized in the operator's cab.



操纵室标配大功率制冷空调，提升空调制冷效果，可适应52℃以上高温环境。

High-power air conditioner is available in the operator's cab with improved cooling effect, which can endure high temperature environment of 52℃.



动力传动系统

Drive train

- 重汽发动机，额定功率247kw，最大输出扭矩1350N.m
- Heavy truck group engine, rated power 247kw, max. torque 1350N.m
- 陕齿机械变速箱，软轴操纵，全同步器
- Mechanical transmission made by Shanxi Gear Factory, with synchronizer. It is manually operated through flexible shaft.
- 最高车速90Km/h，最大爬坡能力38%
- Max. travel speed 90Km/h, Max. grade ability 38%





低速大扭矩动力传动系统

Low-speed large-torque power drive system

- 以低速大扭矩发动机和大速比、超速档变速箱为核心的全新动力平台，系统成熟可靠，稳定性好；
- The new power system consists of a low speed large torque engine and a transmission with high speed ratio and over drive contributes to better reliability and stability.
- 实现了高动力性能与低油耗完美融合，行驶油耗降低12%，动力性能提高15%，作业状态综合油耗降低15%；
- Resulting in perfect combination of high power performance and low fuel consumption, i.e.12% reduction in fuel consumption for driving, 15% for operation, and 15% improvement in power performance.



悬挂系统

Suspension system

- 前、后悬架均采用钢板弹簧结构，高温适应能力强；后悬架采用V推限位，有效避免车桥错位发生。
- Leaf springs are adopted for front and rear suspensions, better road adaptability; V-type thrust lever is used for rear suspension, efficiently avoiding axle misalignment.



制动系统

Pneumatic disc brake

- 脚踏板操纵的双回路气压制动。
- Foot pedal operated double-circuit air pressure brake.
- 驻车制动：弹簧储能制动，作用于3、4轴车轮。
- Parking brake: spring energy brake, acting on wheels of 3,4axles.
- 辅助制动：发动机排气制动、发动机缸内缓速制动
- Auxiliary brake : engine exhaust brake+ engine compression brake.

XCMG official Platform
www.machmall.com/
machmall@xcmg.com



高适应性部件 Parts with high adaptability

- 不锈钢材质膨胀水箱，高温适应能力强
- Stainless steel expansion tank, better high temperature adaptability
- 双级沙漠型空滤器，维护周期长。
- Two-stage desert air filter with long maintenance interval



新型外观造型与人性化设计

New appearance and humanized design

- 铝合金材质全覆盖式走台板，品质感强；独立式轮包，层次丰富；
- Fully covered aluminum alloy deck, strong sense of quality; independent wheel fender, sense of plentiful layers;
- 铝型材防护栏，表面质量高、防腐性能强；
- Guard rails made of aluminum alloy, high quality and strong anti-corrosion capacity;
- 全新人机设计把手和扶梯，精良考究工艺制造，攀爬方便可靠。
- Ergonomically designed hand holds and hand rails, made by fine manufacture process, convenient and reliable for climbing.



高可靠性元器件

More reliable component

- 防沙尘插接件，能够防阳光直射、防沙尘，防护等级达到IP67。
- The plug-ins can endure direct sunlight and dust, and the degree of protection is IP67.
- 铝合金燃油箱，外观质量好，耐腐蚀，抗冲击能力强。
- Aluminium alloy oil tank, appearance beautiful, better corrosion resistance, better shock resistance.



支腿作业灯夜间作业更安全

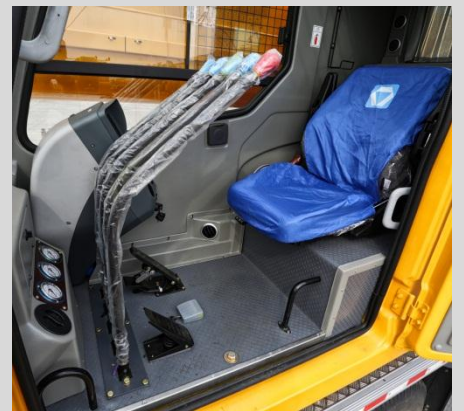
Outrigger working lamp makes night work safer



驾驶室

Driver's cab

- 钢结构全宽豪华驾驶室，全封闭，密封性好，防腐蚀、软化内饰，装备豪华舒适。
- Full-dimension luxurious driver's cab with steel structure, full closed, good sealing performance, anti-corrosion, and softening the interior.
- 配置收放机、可调式座椅、简易卧铺、方向盘、安全玻璃、3只雨刷器、电动后视镜、电动门窗升降器、杂物箱。
- Equipped with radio, adjustable seats, simple sleeper, steering wheel, safety glasses, electrically controlled windshield washer, electrically operated rearview mirror and glove box.





徐工人机交互系统

XCMG man-machine interactive system

- 人机交互系统，实现了操作人员与起重机的友好对话。轻松掌控起重作业的各种状态信息，操纵更轻松、便捷
- Man-machine interactive system provides various working information for operator through establishing a friendly dialogue between operator and the crane, making the operation easier and convenient



操纵室

Operator's cab

- 全人机工学工作空间设计,作业更舒适,安全
- Ergonomically designed working space makes operation safer and more comfortable
- 5.7寸真彩色液晶显示屏
- 5.7 inch color screen



- 安全保护、吊装动作、操纵环境三个区域,控制便捷
- Three control areas for safely protection, hoisting operation and operating environment bring convenient control



Machmall.com is an electromechanical product platform officially launched by XCMG, aiming to provide global customers with a complete set of high-quality construction machinery solutions and supporting equipment.


Xuzhou Construction Machinery Group Co., Ltd. (XCMG Group), founded in 1943, is the fourth largest worldwide construction machinery manufacturer and the largest in China with products covering 183 countries and regions.

XCMG have 12 complete solutions:Crane lifting,Mining Construction,Earth-moving Solutions,Road Machinery,Concrete Equipment,Tunnel and Underground Space Construction,Mobile Elevating Work Platform (MEWP),Piling and Non-excavation Equipment,Transportation Equipment, Environmental Sanitation Equipment,Firefighting,Safety and Emergency Rescue



 <https://www.machmall.com/>

 machmall@xcmg.com

 0086 18652183963
86-516 8773 9797