

XCT25L5_2 汽车起重机 / Truck Crane

技术规格书

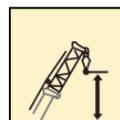
Technical specifications



25 t



44 m



52 m



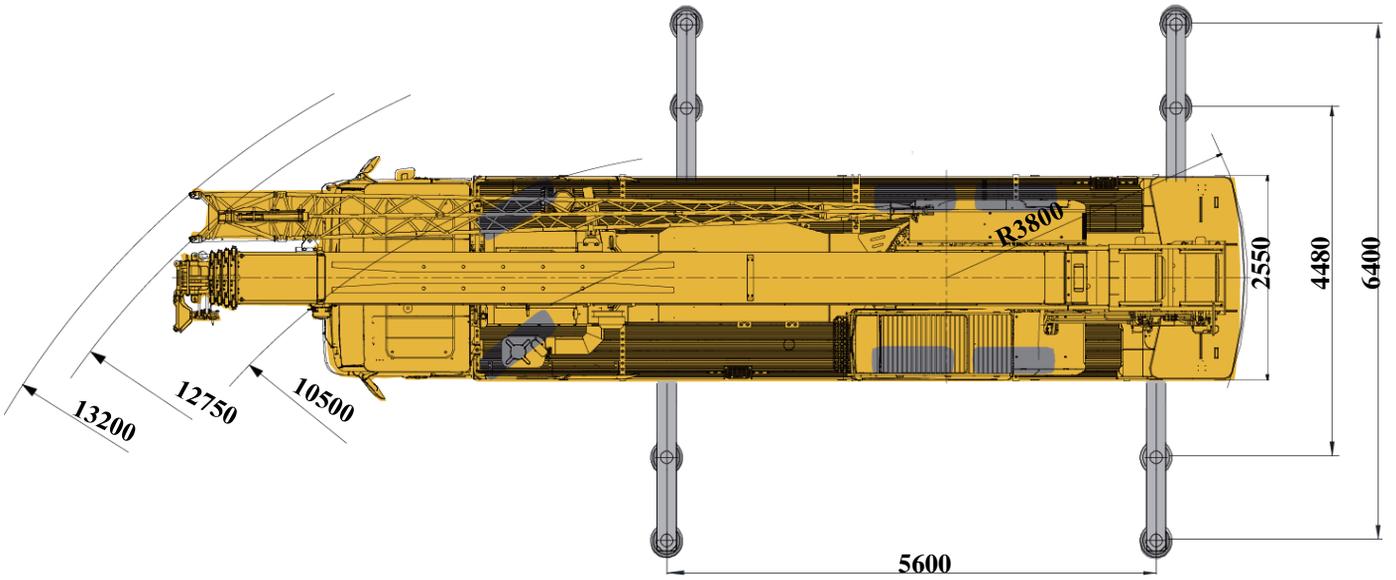
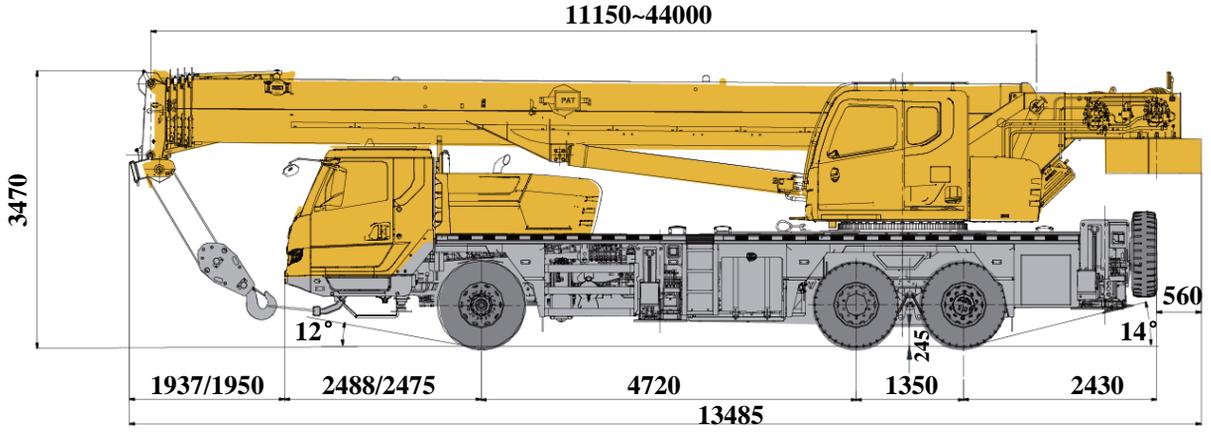
2021年5月 第3版

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尺寸参数 Dimensions



技术规格

Technical specifications



底盘

| | |
|------------|--|
| 车架 | 徐工设计、制造，全覆盖式走台板，防扭转箱型结构，高强度钢材制造。 |
| 支腿 | 4支腿；纵向H形布置，操作杆控制液压动作；可由底盘任一侧同时或单独控制各支腿的动作，设有水平仪；带第五支腿；且垂直支腿带有液压双向锁。 支脚盘尺寸：φ400mm 最大起重量时支腿反力：323KN |
| 发动机 | SC9DF320Q5，直列六缸水冷电控柴油发动机，上柴，额定功率235kW/1900rpm，最大扭矩1350Nm/1100~1400rpm，最大基准扭矩：1400N.m；国五排放标准。 燃油箱容积：300L；尿素箱容积：35L。 MC07H.32-50，直列六缸水冷电控柴油发动机，重汽曼，额定功率235kW/2200rpm，最大扭矩1250Nm/1200~1600rpm，最大基准扭矩：1600N.m；国五排放标准。 燃油箱容积：300L；尿素箱容积：35L。 SC9DF320Q6，直列六缸水冷电控柴油发动机，上柴，额定功率235kW/1900rpm，最大扭矩1500Nm/1200~1500rpm，最大基准扭矩：1557N.m；国六排放标准。 燃油箱容积：300L/350L；尿素箱容积：35L。 MC07H.33-60，直列六缸水冷电控柴油发动机，重汽曼，额定功率240kW/2200rpm，最大扭矩1412Nm/1200~1600rpm，最大基准扭矩：1600N.m；国六排放标准。 燃油箱容积：300L/350L；尿素箱容积：35L。 |
| 变速箱 | 法士特9档变速箱，机械操纵，带同步器。 大同齿轮9档变速箱，机械操纵，带同步器。 |
| 车桥 | 配置美驰、汉德高强度车桥，2,3桥驱动。 |
| 悬挂 | 前悬架：纵置钢板弹簧，筒式减震器； 后悬架：橡胶悬架，重量轻，免维护。 |
| 轮胎 | 10个轮胎，1个备胎，前桥装单胎，中桥、后桥装双胎。 轮胎规格：315/80R22.5-18PR |



底盘

| | |
|-------------|--|
| 制动 | 行车制动：双回路气压制动，作用于所有车轮。 驻车制动：弹簧贮能制动，作用于2-3轴车轮。 辅助制动：发动机排气制动和缓速制动 |
| 转向 | 机械式转向机构，带有液压助力 |
| 驾驶室 | 全宽驾驶室，乘员3人；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、空调 |
| 电气系统 | 直流24伏特，串联12伏特的电池组2个。 发电机 28伏特-70安培。 |

技术规格

Technical specifications



上车

| | |
|--------------|--|
| 结构 | 徐工设计、制造，高强度钢材制造。 |
| 液压系统 | 底盘发动机驱动变量柱塞泵，用于起升、变幅、伸缩。负载敏感式比例多路换向阀，带有抗冲击阀、防气蚀阀；风冷式液压油散热器； |
| 操纵方式 | 液控先导操纵系统，由左右2个操纵手柄控制，由液压泵和比例阀进行液压先导式控制起重机的全部动作 |
| 主起升机构 | 液压控制调速，装有双折线绳槽卷筒，由液压马达通过行星齿轮减速器驱动，内置常闭式制动器并带有平衡阀； |
| 副起升机构 | 液压控制调速，装有双折线绳槽卷筒，由液压马达通过行星齿轮减速器驱动，内置常闭式制动器并带有平衡阀； |
| 回转机构 | 四点接触球式回转支承，由液压马达驱动行星齿轮回转机构减速器驱动，可连续回转360°；具有动力控制或自由回转的功能，可无级调速；回转杆设有鸣响开关； |
| 变幅机构 | 单支双作用前置液压变幅油缸，带有平衡阀 |
| 操纵室 | 新型钢制操纵室，装有无视野死角的前景窗，安全玻璃，车窗装有遮阳板，推拉式车门，座椅靠背可倾斜定位，操纵杆安装在座椅两侧的扶手台上；带推拉踏板；前窗顶窗装有雨刮器；标配冷暖空调； |
| 安全装置 | 液压平衡阀；液压溢流阀；液压双向锁；力矩限制器；三圈保护器，防止钢丝绳过放；臂头设置高度限位，防止钢丝绳过卷；三色报警灯； |



臂架系统

| | |
|--------------|--|
| 主臂 | 5节，“U”形截面的筒形焊接结构。双缸绳排伸缩机构 主臂长度：11.2m ~ 44m。 |
| 臂端单滑轮 | 单滑轮，安装在主臂顶端用于单股钢丝绳起重作业，起重性能与9m副臂 0°安装角时的起重性能，但最大起重量不超过3t |
| 固定副臂 | 1节桁架式焊接结构，具有0°、15°、30°三种固定副臂安装角 固定副臂长度：9m |

技术规格

Technical specifications

|  Chassis | |
|--|--|
| Frame | Designed and manufactured by XCMG, it is made of high strength steel with fully covered walking surface and anti-torsion box-typed structure. |
| Outriggers | Four outriggers arranged in H-shape are hydraulically controlled by control levers. There is an outrigger control station located at each side of the chassis, and there is a level gauge on each control station. The outrigger movements can be simultaneously or separately controlled at any side of the chassis. A fifth jack is available. Each jack cylinder is equipped with a double-way hydraulic valve. Outrigger float diameter: $\phi 400$ mm Reaction force of outrigger at max. lifting load: 323 KN |
| Engine | SC9DF320Q5, in-line, 6-cylinder, water cooled, electric control diesel engine, made by Shanghai Diesel Engine, with rated power of 235kW/1900rpm and max. torque of 1350Nm/1100~1400rpm, Max.reference torque: 1400 N.m compliant with China V emission standard. Fuel tank capacity: 300 L. AdBlue tank volume: 35L. MC07H.32-50, in-line, 6-cylinder, water cooled, electric control diesel engine, made by SINOTRUK MAN, with rated power of 235kW/2200rpm and max. torque of 1250Nm/1200~1800rpm, Max.reference torque: 1600 N.m compliant with China V emission standard. Fuel tank capacity: 300 L. AdBlue tank volume: 35L. SC9DF320Q6, in-line, 6-cylinder, water cooled, electric control diesel engine, made by Shanghai Diesel Engine, with rated power of 235kW/1900rpm and max. torque of 1500Nm/1200~1500rpm, Max.reference torque: 1557 N.m compliant with China VI emission standard. Fuel tank capacity: 300 L/350L. AdBlue tank volume: 35L. MC07H.33-60, in-line, 6-cylinder, water cooled, electric control diesel engine, made by SINOTRUK MAN, with rated power of 240kW/2200rpm and max. torque of 1412Nm/1200~1600rpm, Max.reference torque: 1600 N.m compliant with China VI emission standard. Fuel tank capacity: 300 L/350L. AdBlue tank volume: 35L. |
| Transmission | FAST mechanical control, 9 speed transmission with synchronizers Datong Gear, mechanical control, 9 speed transmission with synchronizers |
| Axles | High strength axles made by Meritor/Hande, 2nd axle and 3rd axle for driving. |
| Suspension | Front suspension: longitudinal leaf spring balanced suspension, with cylindrical shock absorber. Rear suspension: lightweight and maintenance-free rubber suspension. |
| Tires | 10 tires and 1 spare tire. Single tire installed on the front axle, double-tire installed on the middle and rear axles. Tire specifications: 315/80R22.5-18PR |

|  Chassis | |
|---|--|
| Braking system | Service brake: double-circuit air pressure brake, acting on all wheels; Parking brake: spring-loaded brake, acting on the wheels of axles 2~3. Auxiliary brake: engine exhaust brake, engine retarder brake |
| Steering system | Mechanically steering mechanism with a hydraulic booster. |
| Driver's cab | Full-dimension cab, three passengers are allowable. It is equipped with radio-cassette player, adjustable seats, simple sleeper, steering wheel, safety glass, 3 wipers, electrical adjustable mirrors, electrically operated door window lifters, glove box and air conditioning. |
| Electrical system | 24 V DC, two sets of 12 V battery in series. Generator: 28 V-70 A |

技术规格

Technical specifications

|  | Superstructure |
|--|--|
| Frame | Designed and manufactured by XCMG, made of high strength steel. |
| Hydraulic system | Variable pump driven by chassis engine, used for hoisting, elevating and telescoping operations. Load sensing proportional multi-way change valve with impact resistance valve and cavitation-proof valve integrated; air-cooled hydraulic oil radiator. |
| Control system | Pilot hydraulic control is used for controlling the superstructure. All crane movements are controlled by the hydraulic pump and proportional valve through two control levers on the left and right sides. |
| Main winch system | Hydraulic control is used for speed regulation. The system is driven by a hydraulic motor through a planetary gear reducer, with a normally closed brake, a balance valve and a grooved drum equipped. |
| Auxiliary winch | Hydraulic control is used for speed regulation. The system is driven by a hydraulic motor through a planetary gear reducer, with a normally closed brake, a balance valve and a grooved drum equipped. |
| Slewing system | Four-point contact-ball slewing ring is driven by the planetary gear reducer of slewing mechanism, which is driven by a hydraulic motor, and may continuously slew 360°. Power control and free slewing function as well as stepless speed regulation are available. There is a horn switch fitted on the slewing control lever. |
| Luffing system | A front support double-acting hydraulic cylinder is equipped for luffing operation, with a balance valve fitted. |
| Operator's cab | New steel cab with a full-view windshield, safety glass, sun shield and adjustable operator's seat. Windshield wiper and roof window wiper are fitted. Crane control levers are integrated into armrests. A sliding door and a pull-out step are designed for easy and safe access to the cab. Air conditioning and heater are standard. |
| Safety devices | Hydraulic balance valve, hydraulic relief valve, double-way hydraulic valve, LMI, lowering limiter for preventing wire rope from over-releasing, anti-two block at boom head for preventing wire rope from over-winding and tri colored light bar. |

|  | Boom system |
|---|--|
| Boom | 5-section boom with U cross-section, welding structure. Double-cylinder plus ropes telescoping system Boom length: 11.2m~44m. |
| Single top | Fitted at boom head, used for single line operation. Its lifting performance is the same as that for jib (9 m) with 0° jib offset angle, but the maximum lifting load is no more than 3 t. |
| Fixed jib | One section lattice jib, welded structure. Three offset angles of 0°, 15° and 30°. Fixed jib length: 9 m. |

车型与选装件

Version and optional equipment

| 车型 Version | 功能描述 Function description | 选择 Selection |
|------------------------|---|-----------------|
| 标准型 Standard | 五节主臂44m, 固定副臂9m 5-section boom of 44 m, fixed jib of 9 m | |

注释: 该产品仅标准型一种车型。
Note: only standard version is available for this model.

| 可选装件 Optional equipment | | 选择 Selection |
|---|--|-----------------|
| 回转报警装置 Warning device for slewing | | |

重量 Weight



| 车桥 Axle | 1 | 2 | 3 | 总重量 Total weight |
|------------|---|----|----|---------------------|
| t | 8 | 13 | 13 | 34 |



| 吊钩 Hook block | 倍率 Parts of line | 吊钩重量 Weight (kg) | 吊钩尺寸 Dimensions (mm) | 备注 Remarks |
|------------------|---------------------|---------------------|-------------------------|----------------|
| 25t | 8 | 260 | 366×430×1252 | 单钩 Single hook |
| 3t | 1 | 60 | 236×236×503 | 单钩 Single hook |

作业速度 Working speeds



|  |  |  |
|--|--|--|
| 315/80 R 22.5 | 2.5 ~ 90 | 45% |



| 作业机构 Operation mechanisms | 作业速度 Working speed | 最大单绳拉力 Max. single line pull | 钢丝绳直径/长度 Rope diameter/ length |
|---|--|---------------------------------|-----------------------------------|
|  | 0-135 m/min, 单绳, 第四层 m/min, single line, 4th layer | 30 kN | 16 mm/185m |
|  | 0-135 m/min, 单绳, 第四层 m/min, single line, 4th layer | 30 kN | 16 mm/110 m |
|  | 0-2.0 r/min | | |
|  | 从-2°抬起至79°约35s Approx. 35s for boom luffing from -2° to 79° | | |
|  | 从11.2m伸出至44m约100s Approx. 100s for boom extending from 11.2m to 44m | | |

臂架组合方案

Boom / Jib combinations

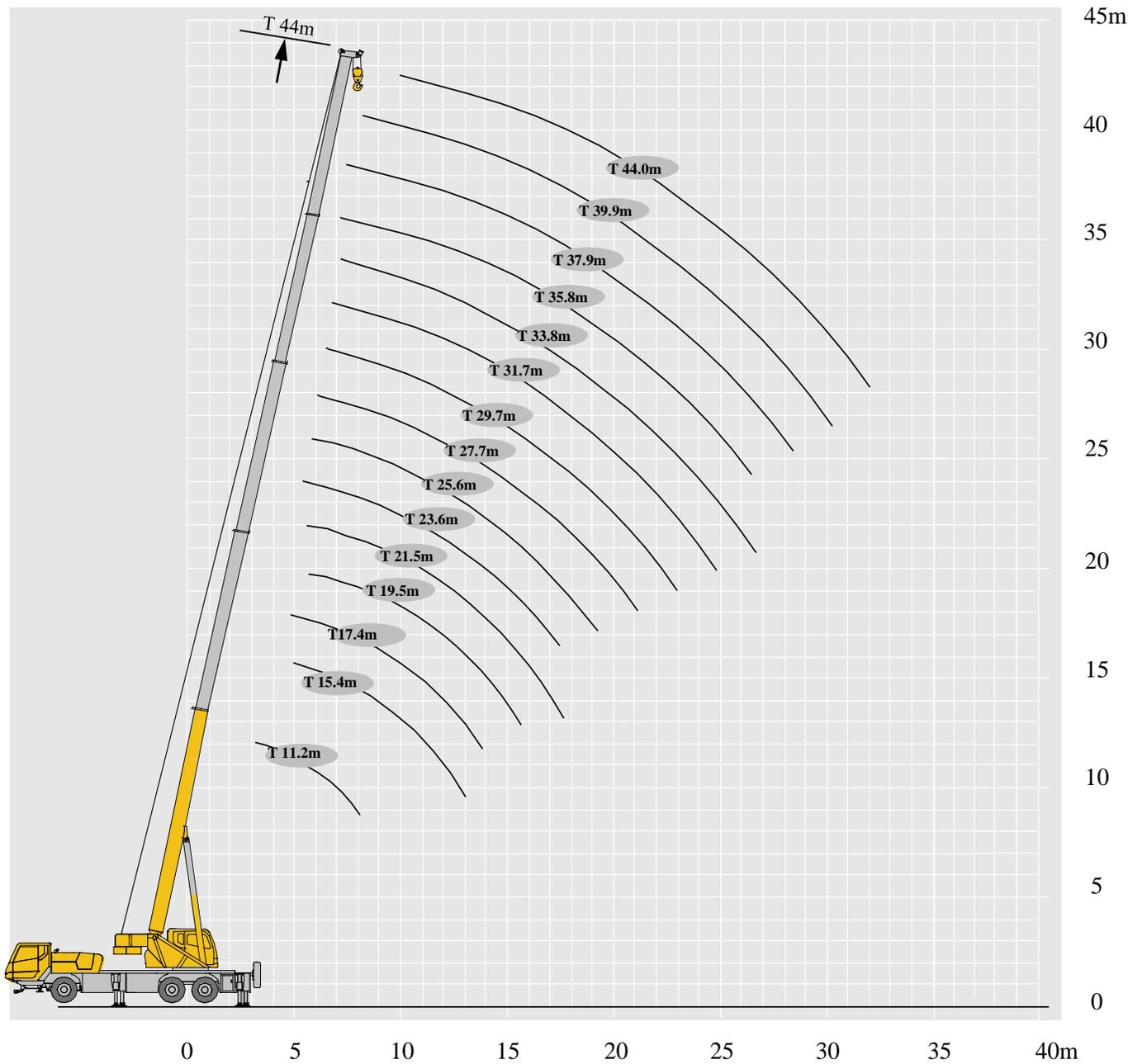


主臂
Telescopic boom

T: 11.2~44m

副臂
Jib

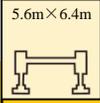
T: 11.2~44m
J: 9 m



起重性能表

Lifting capacities

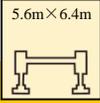
T 11.2~44.0m

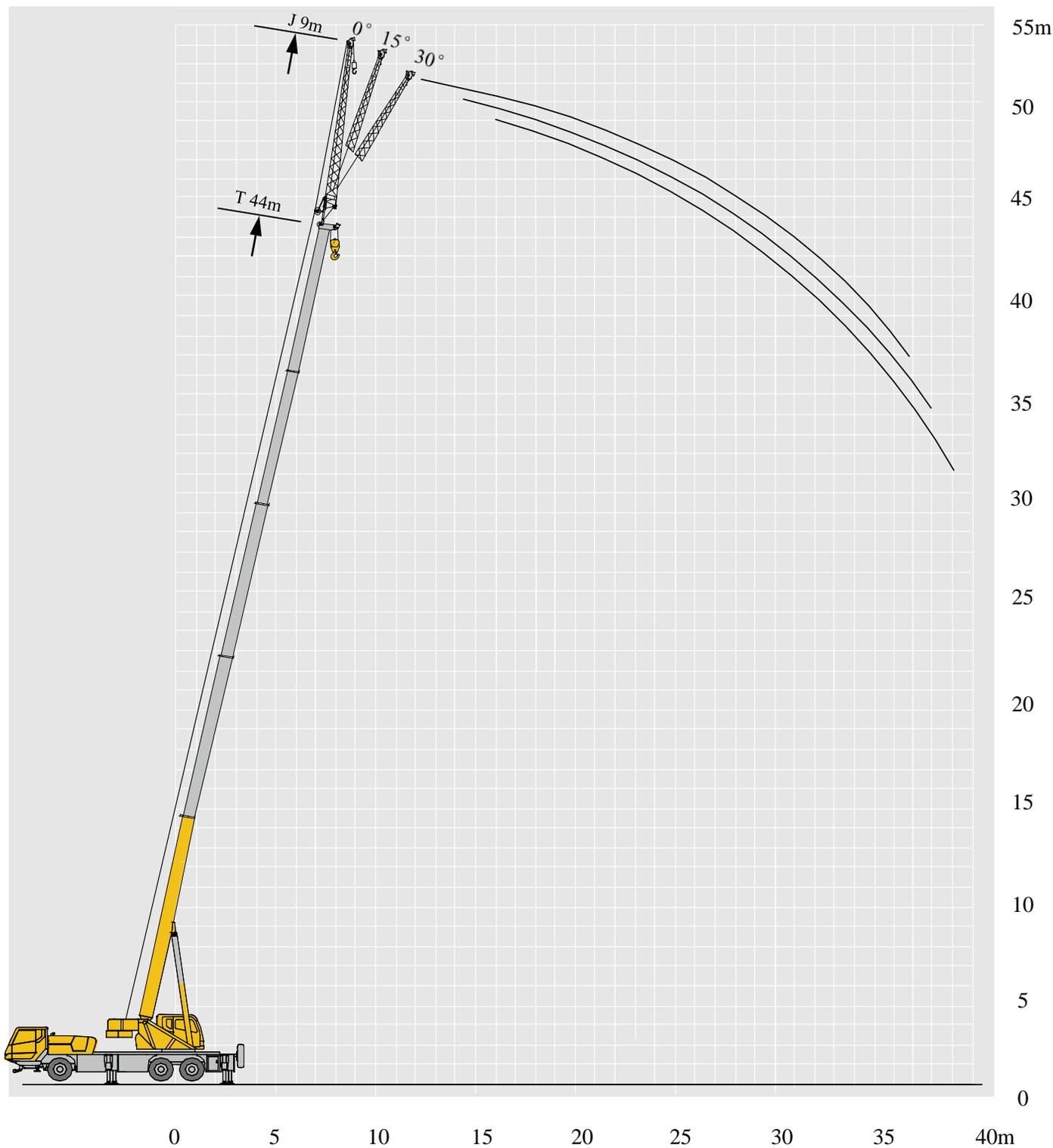
|  |  11.2-44.0m |  5.6m×6.4m |  360° | | | | |  |
|--|--|---|--|-------|-------|-------|------|---|
| | 11.2m | 15.4m | 19.5m | 25.6m | 31.7m | 37.9m | 44m | |
| 3 | 25000 | 25000 | | | | | | 3 |
| 3.5 | 25000 | 25000 | | | | | | 3.5 |
| 4 | 25000 | 25000 | 21000 | | | | | 4 |
| 4.5 | 25000 | 24500 | 20500 | | | | | 4.5 |
| 5 | 24600 | 24000 | 20000 | 18700 | | | | 5 |
| 5.5 | 23000 | 21500 | 19800 | 18700 | | | | 5.5 |
| 6 | 20800 | 20000 | 19500 | 17800 | | | | 6 |
| 6.5 | 19600 | 19500 | 18200 | 16800 | 13800 | | | 6.5 |
| 7 | 17800 | 18000 | 16500 | 16000 | 13800 | | | 7 |
| 8 | 14400 | 14000 | 13800 | 14500 | 13000 | 9800 | | 8 |
| 9 | | 11200 | 11000 | 11800 | 12300 | 9800 | | 9 |
| 10 | | 9200 | 9000 | 9800 | 10300 | 9300 | 6600 | 10 |
| 11 | | 7700 | 7500 | 8200 | 8700 | 9000 | 6400 | 11 |
| 12 | | | 6200 | 7000 | 7400 | 7700 | 6200 | 12 |
| 13 | | | 5300 | 6000 | 6400 | 6700 | 6100 | 13 |
| 14 | | | 4400 | 5100 | 5600 | 5800 | 5900 | 14 |
| 15 | | | 3800 | 4500 | 4900 | 5100 | 5300 | 15 |
| 16 | | | | 3850 | 4300 | 4500 | 4700 | 16 |
| 18 | | | | 2900 | 3300 | 3600 | 3800 | 18 |
| 20 | | | | 2100 | 2500 | 2800 | 3000 | 20 |
| 22 | | | | | 1900 | 2200 | 2400 | 22 |
| 24 | | | | | 1400 | 1700 | 1900 | 24 |
| 26 | | | | | 1000 | 1300 | 1500 | 26 |
| 28 | | | | | | 950 | 1150 | 28 |
| 30 | | | | | | 650 | 850 | 30 |
| 32 | | | | | | | 600 | 32 |

起重性能表

Lifting capacities

T 17.4~39.9m

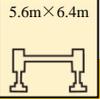
|  |     | | | | | | | |  |
|--|---|-------|-------|-------|-------|-------|-------|-------|---|
| | 17.4m | 23.6m | 29.7m | 35.8m | 21.5m | 27.7m | 33.8m | 39.9m | |
| 3 | 24000 | | | | | | | | 3 |
| 3.5 | 24000 | | | | | | | | 3.5 |
| 4 | 24000 | | | | | 21000 | | | 4 |
| 4.5 | 23000 | 21000 | | | | 21000 | | | 4.5 |
| 5 | 22000 | 21000 | | | | 21000 | | | 5 |
| 5.5 | 20000 | 21000 | | | | 21000 | 17500 | | 5.5 |
| 6 | 19600 | 21000 | 11800 | | | 21000 | 17500 | | 6 |
| 6.5 | 18800 | 21000 | 11800 | | | 21000 | 17500 | | 6.5 |
| 7 | 17600 | 20000 | 11800 | | | 19100 | 17500 | 10800 | 7 |
| 8 | 15500 | 16000 | 11300 | 8500 | 15000 | 15500 | 10800 | | 8 |
| 9 | 12600 | 13100 | 10600 | 8200 | 12100 | 12600 | 10800 | | 9 |
| 10 | 10500 | 11000 | 9700 | 7900 | 10100 | 10600 | 10100 | 7400 | 10 |
| 11 | 8900 | 9300 | 9000 | 7300 | 8500 | 9000 | 9200 | 7100 | 11 |
| 12 | 7700 | 8100 | 8300 | 6900 | 7300 | 7700 | 8000 | 6800 | 12 |
| 13 | | 7100 | 7300 | 6700 | 6200 | 6700 | 7000 | 6600 | 13 |
| 14 | | 6200 | 6400 | 6400 | 5400 | 5800 | 6100 | 6100 | 14 |
| 15 | | 5500 | 5700 | 5800 | 4700 | 5100 | 5400 | 5500 | 15 |
| 16 | | 4900 | 5100 | 5300 | 4100 | 4500 | 4800 | 4900 | 16 |
| 18 | | 3900 | 4100 | 4300 | | 3600 | 3800 | 3900 | 18 |
| 20 | | | 3400 | 3500 | | 2800 | 3000 | 3200 | 20 |
| 22 | | | 2700 | 2900 | | 2200 | 2400 | 2600 | 22 |
| 24 | | | 2200 | 2400 | | | 1900 | 2100 | 24 |
| 26 | | | | 2000 | | | 1500 | 1700 | 26 |
| 28 | | | | 1600 | | | | 1350 | 28 |
| 30 | | | | | | | | 1050 | 30 |
| 32 | | | | | | | | 800 | 32 |



起重性能表

Lifting capacities

T 44.0m

|  |      | |  | | |
|--|---|------|---|------|------|
| | 0° | 15° | 30° | 45° | 60° |
| 78 | 3000 | 2800 | 2100 | 1500 | 1000 |
| 75 | 3000 | 2500 | 1900 | 1400 | 900 |
| 72 | 2900 | 2300 | 1800 | 1300 | 800 |
| 70 | 2700 | 2250 | 1700 | 1200 | 700 |
| 65 | 2200 | 2000 | 1600 | 1100 | 600 |
| 60 | 1400 | 1300 | 1200 | 800 | 500 |
| 55 | 900 | 800 | 800 | 500 | 300 |
| 50 | 500 | 500 | 500 | 300 | 200 |

注意事项

Notes

1. 表中额定总起重量值，是在平整的坚固地面上本起重机能够保证的最大总起重量，包括吊钩和吊具的重量，所以为了估算重物重量，必须减去上述的装置重量。
2. 表中的工作幅度为起吊重物离地时起重物到起重机回转轴线的水平距离，是包括起重臂变形量在内的实际值，因而起吊前应考虑起重臂变形量。
3. 只允许在5级(瞬时风速14.1m/s，风压125N/m²)风以下进行作业。
4. 吊重前操作者必须对物体的重量和工作范围了解后选择合适的作业工况，严禁超出表中的数值。幅度及臂长在相邻两个数值之间时，应依据两个数值中较小值确定起重作业。
5. 应按主臂仰角范围作业，即使是空载，也不应使主臂仰角处于范围外，谨防整机倾翻。
6. 表中的主臂长度应要按照每节臂的伸缩要求进行伸出。

1. The total rated loads given in the rated load charts are the maximum lifting capacity when the crane is set up on firm and level ground, which includes the weight of the hook block and slings. The weight of above-mentioned devices should be deducted to correctly calculate the load weight.
2. The working radius shown in the rated load charts is the radius when the load is lifted off the ground, and it is the actual value including loaded boom deflection.
3. A lifting operation is permissible only when the wind force is below grade 5 (instantaneous wind speed is 14.1 m/s, wind pressure is 125 N/m²).
4. Before beginning lifting operation, the operator should know the weight of the load to be lifted and its working range, and then select proper working conditions. Never operate the crane beyond the limit shown in the chart. Use the lower value from the chart when the boom length or working radius is between the range of values.
5. Observe the boom angle limit. Never operate the crane with the boom angle beyond the recommended limit even if a load is not being carried. Otherwise, the crane will tip.
6. The boom length given in the rated load charts should accord with the telescoping code of boom sections .

符号标识

Description of symbols

常规标识

General symbols

| | | | |
|--|----------------------------------|---|--|
|  | 上车 Superstructure |  | 底盘 Chassis |
|  | 起重能力 Lifting capacity |  | 车桥 Axle |
|  | 吊臂长度 Boom length |  | 行驶速度 Driving speed |
|  | 工作幅度 Radius |  | 爬坡能力 Grade ability |
|  | 吊臂仰角 Boom angle |  | 轮胎 Tires |
|  | 主臂起升高度 Hoist height with boom |  | 支腿 Outriggers |
|  | 固定副臂长度 Fixed jib length |  | 吊钩 Hook block |
|  | 副臂安装角 Jib offset angle |  | 卷扬 Winch |
|  | 副臂起升高度 Hoist height with jib |  | 使用第五支腿360°全回转 360° operation of the boom with 5th jack |
| | |  | 不使用第五支腿侧后方作业 Without 5th jack, boom over side and over rear |

主要技术参数表

Table of main technical parameters

| 类别 Category | 项目 Item | 单位 Unit | 参数 Parameter | | | |
|--------------------|--|-------------|--|----------------------|----------------------|----------------------|
| 尺寸参数 Dimensions | 外形尺寸 (长×宽×高) Dimensions (length×width×height) | mm | 13485×2550×3470 | | | |
| | 轴距 Wheel base | mm | 4720+1350 | | | |
| | 轮距 (前/后) Track (Front/ Rear) | mm | (2059 (汉德Hande) , 2074 (美驰Meritor)) /1834 | | | |
| | 前悬/后悬 Front/ Rear overhang | mm | (齐星Qixing2488, 南汽NAC2475) /2430 | | | |
| | 前伸/后伸 Front/ Rear extension | mm | (齐星Qixing1937, 南汽NAC1950) /560 | | | |
| 重量参数 Weight | 最大允许总质量 Max. permissible total weight | kg | 34000 | | | |
| | 轴荷 Axle load | 一轴 1st axle | kg | 8000 | | |
| | | 二轴 2nd axle | kg | 13000 | | |
| | | 三轴 3rd axle | kg | 13000 | | |
| 动力参数 Power | 发动机型号 Engine model | — | SC9DF320Q5 | MC07H.32-50 | SC9DF320Q6 | MC07H.33-60 |
| | 额定功率/转速 Rated power/rpm | kW/(r/min) | 235/1900 | 235/2200 | 235/1900 | 240/2200 |
| | 最大净功率/转速 Max. net power/rpm | kW/(r/min) | 233/1900 | 232/2200 | 232/1900 | 237/2200 |
| | 最大扭矩/转速 Max. torque/rpm | N.m/(r/min) | 1350/ (1100~1400) | 1250/ (1200-1600) | 1500/ (1200~1500) | 1412/ (1200~1600) |
| 行驶参数 Travel | 最高车速 Max. travel speed | km/h | ≥90 | | | |
| | 最低稳定车速 Min. stable travel speed | km/h | 2.5 ~ 3 | | | |
| | 最小转弯直径 Min. turning diameter | m | ≤21 | | | |
| | 臂头最小转弯直径 Min. turning diameter at boom tip | m | ≤25.5 | | | |
| | 最小离地间隙 Min. ground clearance | mm | 245 | | | |
| | 接近角 Approach angle | ° | 12 | | | |
| | 离去角 Departure angle | ° | 14 | | | |
| | 制动距离(制动初速度为30km/h) Braking distance (at 30 km/h) | m | ≤10 | | | |
| | 最大爬坡能力 Max. grade ability | % | ≥45 | | | |
| | 百公里油耗 Fuel consumption per 100 km | L | 30 | | | |
| 噪音 Noise | 加速行驶机外噪声 Exterior noise level | dB(A) | ≤84 | | | |
| | 驾驶员耳旁噪声 Noise level at seated position | dB(A) | ≤80 | | | |

主要技术参数表

Table of main technical parameters

| 类别 Category | 项目 Item | | 单位 Unit | 参数 Parameter | |
|--|---|--------------------------------------|--------------|-----------------|-----|
| 主要性能参数 Main performance | 最大额定总起重量 Max. total rated lifting capacity | | t | 25 | |
| | 最小额定工作幅度 Min. rated working radius | | m | 3 | |
| | 转台尾部回转半径 Turning radius at turntable tail | 平衡重处 Counterweight | mm | 3800 | |
| | | 副卷处 Auxiliary winch | mm | — | |
| | 最大起重力矩 Max. load moment | 基本臂 Base boom | kN.m | 1249 | |
| | | 最长主臂 Fully-extended boom | kN.m | 809 | |
| | | 最长主臂+副臂 Fully-extended boom + Jib | kN.m | 513 | |
| | 支腿跨距 Outrigger span | 纵向 Longitudinal | m | 5.6 | |
| | | 横向 Lateral | m | 6.4 | |
| | 起升高度 Hoist height | 基本臂 Base boom | m | 11.5 | |
| | | 最长主臂 Fully-extended boom | m | 43.8 | |
| | | 最长主臂+副臂 Fully-extended boom + Jib | m | 52 | |
| | 起重臂长度 Boom length | 基本臂 Base boom | m | 11.2 | |
| | | 最长主臂 Fully-extended boom | m | 44 | |
| | | 最长主臂+副臂 Fully-extended boom + Jib | m | 53 | |
| 副臂安装角 Jib offset angle | | ° | 0, 15, 30 | | |
| 工作速度参数 Working speed | 起重臂起臂时间 Boom raising time | | s | ≤35 | |
| | 起重臂全伸时间 Boom fully extended time | | s | ≤100 | |
| | 最大回转速度 Max. slewing speed | | r/min | ≥2.0 | |
| | 支腿收放时间 Outrigger extending and retracting time | 水平支腿 Outrigger beam | 收 Retracting | s | ≤20 |
| | | | 放 Extending | s | ≤30 |
| | | 垂直支腿 Outrigger jack | 收 Retracting | s | ≤25 |
| | | | 放 Extending | s | ≤35 |
| 起升速度 (单绳,第四层,空载) Hoisting speed (single line, 4th layer, no load) | 主起升机构 Main winch | | m/min | ≥135 | |
| | 副起升机构 Auxiliary winch | | m/min | ≥135 | |
| 噪声 Noise | 机外辐射 Exterior noise level | | dB (A) | ≤108 | |
| | 司机位置处 Noise level at seated position | | dB (A) | ≤85 | |