

QUALITY CHANGES THE WORLD | 品质改变世界

# SANY

## SAC3000

### 全地面起重机

SANY ALL-TERRAIN CRANE  
300 TONS LIFTING CAPACITY



[www.sanygroup.com](http://www.sanygroup.com)

## 底盘

- 发动机、变速器、轮胎等主要配件均采用知名品牌，动力强劲，满足多种路况行驶需求。
- 创新6桥底盘设计，一、三、五、六桥驱动；全桥转向；操纵轻便，转向灵活，机动性能更好。
- 采用行驶双回路制动系统，制动更安全；同时，多种制动模式使制动性能更可靠。
- 采用碟式制动，刹车片更换更简易快捷，使用寿命更长，制动力更强大。
- 采用国际领先的电液辅助转向技术，整车转弯半径小，转向安全；同时，六种转向模式能适应各种复杂工况，使转向性能更灵活。
- 采用国际领先的油气悬挂技术，悬挂高度可大范围自动、主动调节，能适应各种恶劣路况，使通过性能更卓越，驾驶更舒适。
- 拥有国际领先的起重机路试跑道，开展各类强化路面测试，确保底盘行驶性能更可靠。



## 上车

- 臂结构采用抗扭曲设计，高强度钢制作，基本臂最大起重力矩达9630kN.m，起吊能力强；全面优化的7节椭圆型主臂，使吊臂受力更均匀，重量更轻，提高安全性。
- 基本臂长15.4m，全伸臂长80m，起重力矩行业领先；带42m长固定副臂使起吊高度可达112m，起吊更高，吊重范围更广。
- 配置Y型超起装置，使长臂段起重性能增加一倍以上。无需辅助吊车便可自行安装。
- 配重标准配置100t，可遥控操作自行拆卸及安装，同时，配置多种组合式可变平衡重，可满足不同工况需求，最大限度发挥结构件性能。
- 转台配置双回转机构，轴向活塞定量马达驱动行星齿轮减速，盘式制动器；回转速度可从0~1.2rpm，无级调速。
- 操纵室采用耐腐蚀钢板，配置全覆盖软化内饰、全景式天窗、可调式座椅等人性化设计，冷暖空调，操作更舒适、轻松。



# 电气系统

## ● 控制系统

所有控制器件均采用国际顶尖配置，完全达到欧美行业安全标准，确保操作安全、稳定、高效；并配备无线遥控装置，可实现多种动作远距离操控。

## ● 个性化设置界面

通过国内首创的人机交互界面，客户可根据个人操作习惯和不同使用条件自行设置整车操控性，充分满足客户的个性化需求。

## ● 整车数据显示系统

配置丰富的传感器件，及时反馈数据信息，实现实时监控，确保随时掌控整车工作状态。

## ● 数据通信网络

采用国际先进的分布式集成总线数据通信网络，数据量大、速度快、稳定性高。

## ● 超起、副臂控制技术

超起、副臂具有多重安全保护功能，使操作更安全更便捷。

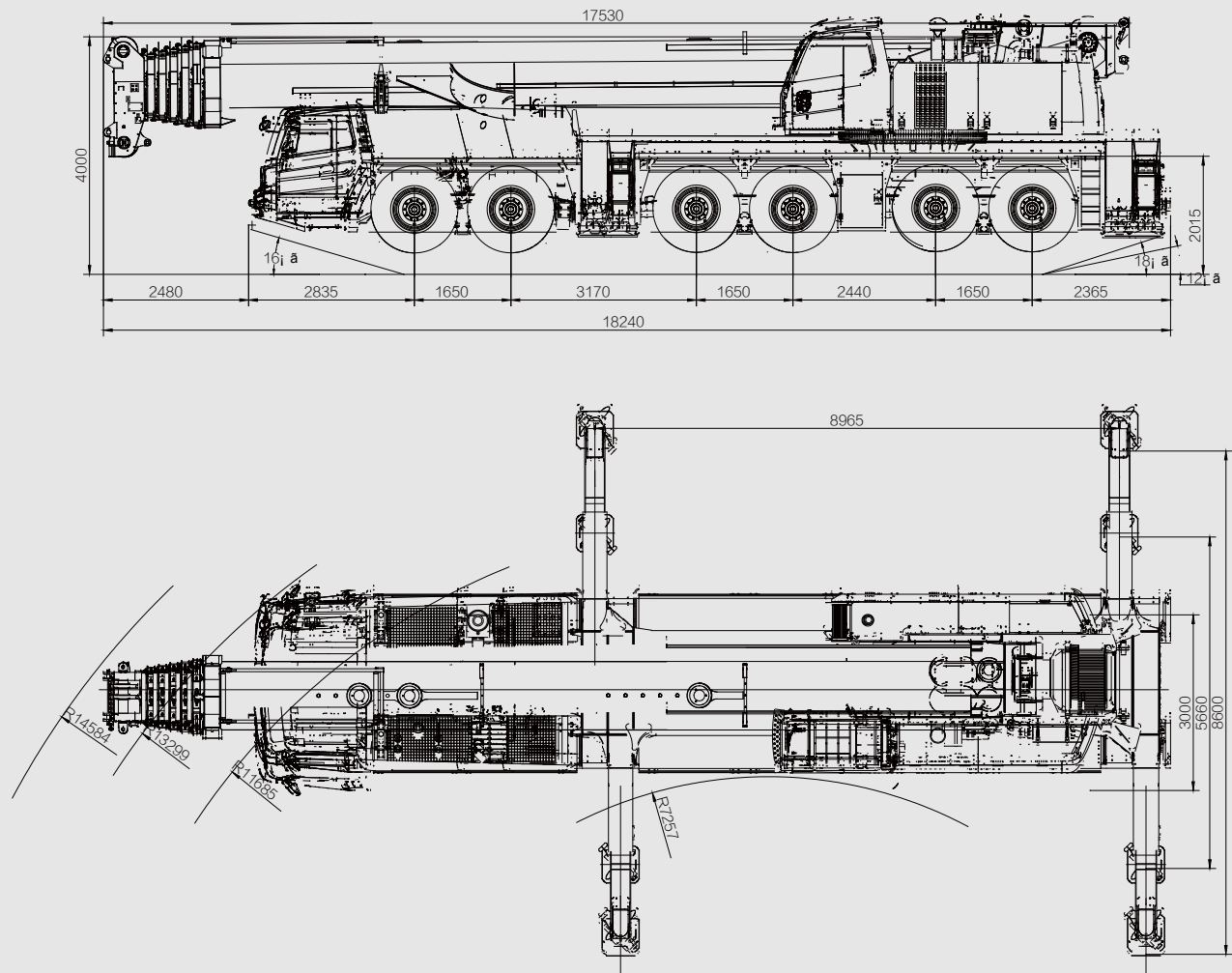
## ● 力矩限制器

采用高精度、高稳定性、高智能化的力矩限制器系统，全方位保护吊载作业。

# 液压系统

- 液压元件均采用高品质元件，系统可靠性高；通过精确的参数匹配，操控性能更优越。
- 采用电比例变量柱塞泵，通过电控手柄开度的变化，能实时调节油泵排量，实现高精度流量控制，作业时无能量损耗。
- 采用自主研发的双泵合流主阀，具有多级压力选择功能，满足不同工况下、不同系统的压力要求，充分利用能源，有效减少能量损耗。
- 主卷扬采用闭式卷扬系统，效率高，能量损耗低，卷扬微动性、平稳性好，能实现无级变速；配置三级保护系统，确保卷扬系统更安全、更可靠。
- 采用独创的自重落幅补偿液压系统，无能耗损失，使落幅微动性、平稳性更优越。
- 采用独创的单缸插销伸缩臂技术，缸臂销互锁结合机械、电气及液压三重保护，可靠性更高。

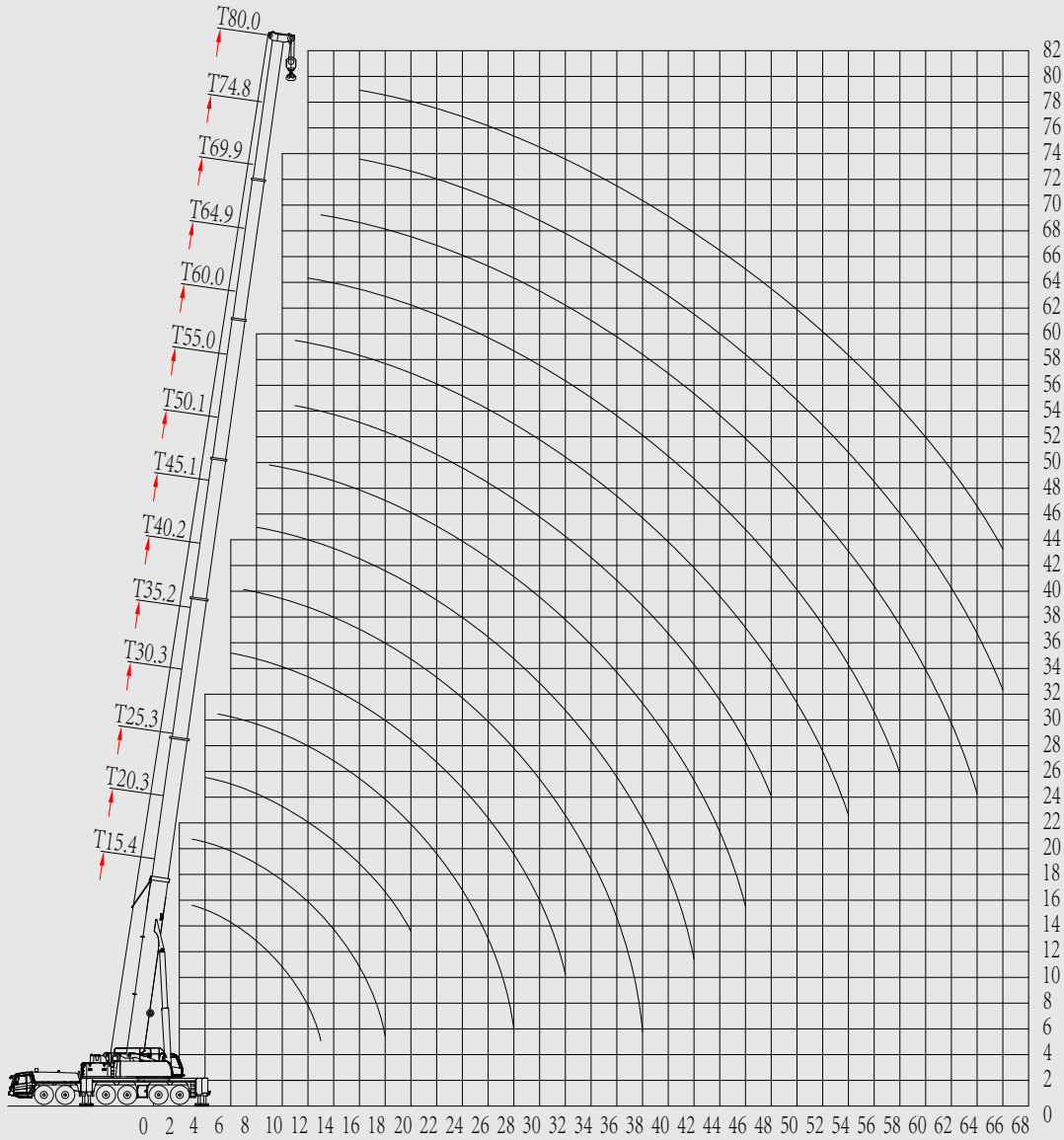




主要技术参数表

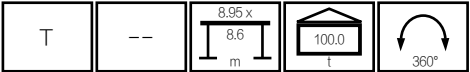
| 类别     | 项目              |       |    | 单位          | 参数              |
|--------|-----------------|-------|----|-------------|-----------------|
| 主要性能参数 | 最大额定总起重量        |       |    | t           | 300             |
|        | 最大起重力矩(基本臂)     |       |    | kN.m        | 9630            |
|        | 最小额定工作幅度        |       |    | m           | 3               |
|        | 转台尾部回转半径(平衡重)   |       |    | mm          | 5750            |
|        | 支腿距离            | 纵向    | m  | 8.95        |                 |
|        |                 | 横向    | m  | 8.6/5.6     |                 |
|        | 起重臂节数           |       |    | 节           | 7               |
|        | 起重臂长度           | 主臂    | m  | 15.4~80     |                 |
|        |                 | 固定副臂  | m  | 6~42        |                 |
| 主臂仰角   |                 |       | °  | 0~82        |                 |
| 工作速度参数 | 起重臂变幅时间         |       | 起臂 | s           | ≥75             |
|        | 起重臂伸缩时间         |       | 全伸 | s           | ≥650            |
|        |                 |       | 全缩 | s           | ≥650            |
|        | 最大回转速度          |       |    | r/min       | ≤1.2            |
|        | 起升速度(单绳、第四层)    | 主起升机构 | 空载 | m/min       | 130             |
|        |                 | 副起升机构 | 空载 | m/min       | 130             |
| 尺寸参数   | 整机全长/宽/高        |       |    | mm          | 18240/3000/4000 |
| 重量参数   | 行驶状态整机自重        |       |    | kg          | 72000           |
|        | 轴荷              |       |    | kg          | 6×12000         |
| 动力参数   | 上车发动机           | 额定功率  |    | kw/(r/min)  | 242/2100        |
|        |                 | 额定扭矩  |    | N.m/(r/min) | 1385/1100~1500  |
|        | 下车发动机           | 额定功率  |    | kw/(r/min)  | 440/1800        |
|        |                 | 额定扭矩  |    | N.m/(r/min) | 2800/1300       |
| 行驶参数   | 最高行驶速度          |       |    | km/h        | 80              |
|        | 最小转弯直径          |       |    | m           | ≤24             |
|        | 最小离地间隙          |       |    | mm          | 330             |
|        | 接近角             |       |    | °           | 16              |
|        | 离去角             |       |    | °           | 18              |
|        | 制动距离(车速为30km/h) |       |    | m           | ≤10             |
|        | 最大爬坡度           |       |    | %           | 49              |
|        | 驱动方式            |       |    | 桥           | 1、3、5、6         |
|        | 转向模式            |       |    | 全桥转向        |                 |

起升高度图



主臂起重性能表

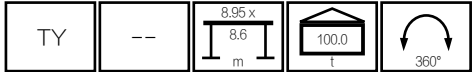
|  m     | m > t |       |       |       |       |      |      |      |      |      |      |      |      |      |      |
|-------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|
|                                                                                           | 15.4* | 15.4  | 20.3  | 25.3  | 30.2  | 35.2 | 40.2 | 45.1 | 50.1 | 55   | 60   | 64.9 | 69.9 | 74.8 | 80   |
| 3                                                                                         | 300.0 | 170.0 | 153.0 |       |       |      |      |      |      |      |      |      |      |      |      |
| 3.5                                                                                       | 210.0 | 170.0 | 153.0 |       |       |      |      |      |      |      |      |      |      |      |      |
| 4                                                                                         | 190.0 | 170.0 | 153.0 | 145.0 |       |      |      |      |      |      |      |      |      |      |      |
| 4.5                                                                                       | 180.0 | 159.0 | 135.4 | 133.0 |       |      |      |      |      |      |      |      |      |      |      |
| 5                                                                                         | 170.0 | 149.0 | 135.4 | 133.0 | 118.1 |      |      |      |      |      |      |      |      |      |      |
| 6                                                                                         | 150.0 | 135.0 | 135.4 | 117.0 | 106.1 | 92.2 |      |      |      |      |      |      |      |      |      |
| 7                                                                                         | 135.0 | 122.0 | 120.6 | 104.2 | 95.4  | 83.5 | 73.8 |      |      |      |      |      |      |      |      |
| 8                                                                                         | 120.0 | 111.0 | 109.3 | 94.4  | 86.4  | 76.4 | 68.0 | 58.1 |      |      |      |      |      |      |      |
| 9                                                                                         | 110.0 | 101.7 | 99.9  | 87.0  | 79.3  | 70.4 | 62.7 | 57.0 | 45.0 |      |      |      |      |      |      |
| 10                                                                                        | 95.0  | 93.3  | 92.1  | 79.6  | 73.1  | 64.9 | 57.8 | 53.0 | 45.0 |      |      |      |      |      |      |
| 11                                                                                        | 87.0  | 84.2  | 83.1  | 73.3  | 67.4  | 60.5 | 53.7 | 48.8 | 43.3 | 34.0 |      |      |      |      |      |
| 12                                                                                        | 75.0  | 73.0  | 72.1  | 68.8  | 62.1  | 56.7 | 50.4 | 45.8 | 40.9 | 34.0 | 26.0 | 20.0 |      |      |      |
| 13                                                                                        |       |       | 63.4  | 64.2  | 58.2  | 53.1 | 47.2 | 42.9 | 38.7 | 34.0 | 26.0 | 20.0 | 15.4 |      |      |
| 14                                                                                        |       |       | 56.4  | 60.1  | 54.6  | 49.8 | 44.3 | 40.9 | 36.9 | 34.0 | 26.0 | 20.0 | 15.4 |      |      |
| 16                                                                                        |       |       | 45.8  | 52.4  | 47.8  | 45.1 | 40.1 | 36.4 | 34.0 | 32.6 | 26.0 | 20.0 | 15.4 | 12.8 | 10.8 |
| 18                                                                                        |       |       | 36.7  | 43.7  | 43.2  | 40.6 | 37.0 | 32.7 | 31.3 | 29.5 | 26.0 | 20.0 | 15.4 | 12.8 | 10.8 |
| 20                                                                                        |       |       |       | 37.2  | 36.7  | 36.8 | 33.5 | 29.7 | 28.6 | 27.0 | 25.4 | 20.0 | 15.4 | 12.8 | 10.8 |
| 22                                                                                        |       |       |       |       | 31.6  | 32.4 | 30.9 | 27.3 | 26.4 | 24.9 | 23.4 | 20.0 | 15.4 | 12.8 | 10.8 |
| 24                                                                                        |       |       |       |       | 27.4  | 28.3 | 28.5 | 25.2 | 24.3 | 22.9 | 21.6 | 20.0 | 15.4 | 12.8 | 10.8 |
| 26                                                                                        |       |       |       |       | 24.1  | 24.9 | 25.8 | 23.2 | 22.6 | 21.1 | 20.1 | 19.1 | 15.4 | 12.8 | 10.8 |
| 28                                                                                        |       |       |       |       | 17.9  | 22.1 | 23.0 | 22.0 | 21.2 | 19.8 | 18.5 | 17.9 | 15.4 | 12.8 | 10.8 |
| 30                                                                                        |       |       |       |       |       | 19.7 | 20.6 | 20.6 | 19.6 | 18.1 | 17.4 | 16.6 | 15.4 | 12.8 | 10.8 |
| 32                                                                                        |       |       |       |       |       | 17.6 | 18.5 | 19.3 | 18.3 | 16.3 | 16.3 | 15.6 | 14.4 | 12.8 | 10.8 |
| 34                                                                                        |       |       |       |       |       |      | 16.7 | 17.6 | 16.9 | 14.7 | 14.8 | 14.6 | 13.7 | 12.3 | 10.8 |
| 36                                                                                        |       |       |       |       |       |      | 15.1 | 16.0 | 15.4 | 13.3 | 13.5 | 13.7 | 13.0 | 11.7 | 10.8 |
| 38                                                                                        |       |       |       |       |       |      | 10.3 | 14.6 | 14.0 | 12.1 | 12.2 | 12.5 | 12.4 | 11.1 | 10.5 |
| 40                                                                                        |       |       |       |       |       |      |      | 13.4 | 13.3 | 11.3 | 11.2 | 11.4 | 11.6 | 10.4 | 10.1 |
| 42                                                                                        |       |       |       |       |       |      |      | 12.2 | 12.8 | 10.8 | 10.2 | 10.4 | 10.8 | 9.5  | 9.6  |
| 44                                                                                        |       |       |       |       |       |      |      |      | 11.7 | 10.5 | 9.3  | 9.6  | 9.9  | 8.8  | 8.8  |
| 46                                                                                        |       |       |       |       |       |      |      |      | 10.7 | 10.0 | 8.6  | 9.2  | 9.6  | 8.1  | 8.2  |
| 48                                                                                        |       |       |       |       |       |      |      |      |      | 9.2  | 8.2  | 8.8  | 9.2  | 7.5  | 7.5  |
| 50                                                                                        |       |       |       |       |       |      |      |      |      |      | 7.9  | 8.4  | 8.5  | 7.0  | 7.0  |
| 52                                                                                        |       |       |       |       |       |      |      |      |      |      | 7.5  | 8.1  | 7.9  | 6.4  | 6.5  |
| 54                                                                                        |       |       |       |       |       |      |      |      |      |      | 7.3  | 7.5  | 7.4  | 6.0  | 6.0  |
| 56                                                                                        |       |       |       |       |       |      |      |      |      |      |      | 7.0  | 6.8  | 5.5  | 5.6  |
| 58                                                                                        |       |       |       |       |       |      |      |      |      |      |      | 6.5  | 6.4  | 5.1  | 5.2  |
| 60                                                                                        |       |       |       |       |       |      |      |      |      |      |      |      | 5.9  | 4.7  | 4.8  |
| 62                                                                                        |       |       |       |       |       |      |      |      |      |      |      |      | 5.5  | 4.4  | 4.4  |
| 64                                                                                        |       |       |       |       |       |      |      |      |      |      |      |      | 5.1  | 4.1  | 4.1  |
| 66                                                                                        |       |       |       |       |       |      |      |      |      |      |      |      |      |      | 3.8  |
| 68                                                                                        |       |       |       |       |       |      |      |      |      |      |      |      |      |      | 3.5  |
| 70                                                                                        |       |       |       |       |       |      |      |      |      |      |      |      |      |      | 3.2  |
| 72                                                                                        |       |       |       |       |       |      |      |      |      |      |      |      |      |      | 3.0  |
| 74                                                                                        |       |       |       |       |       |      |      |      |      |      |      |      |      |      | 2.7  |
| 76                                                                                        |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |
| 78                                                                                        |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |
| n                                                                                         | 23*   | 13    | 12    | 11    | 9     | 7    | 6    | 5    | 4    | 3    | 2    | 2    | 2    | 1    | 1    |
|  m/s | 14.5  | 14.5  | 14.5  | 13.0  | 13.0  | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 |



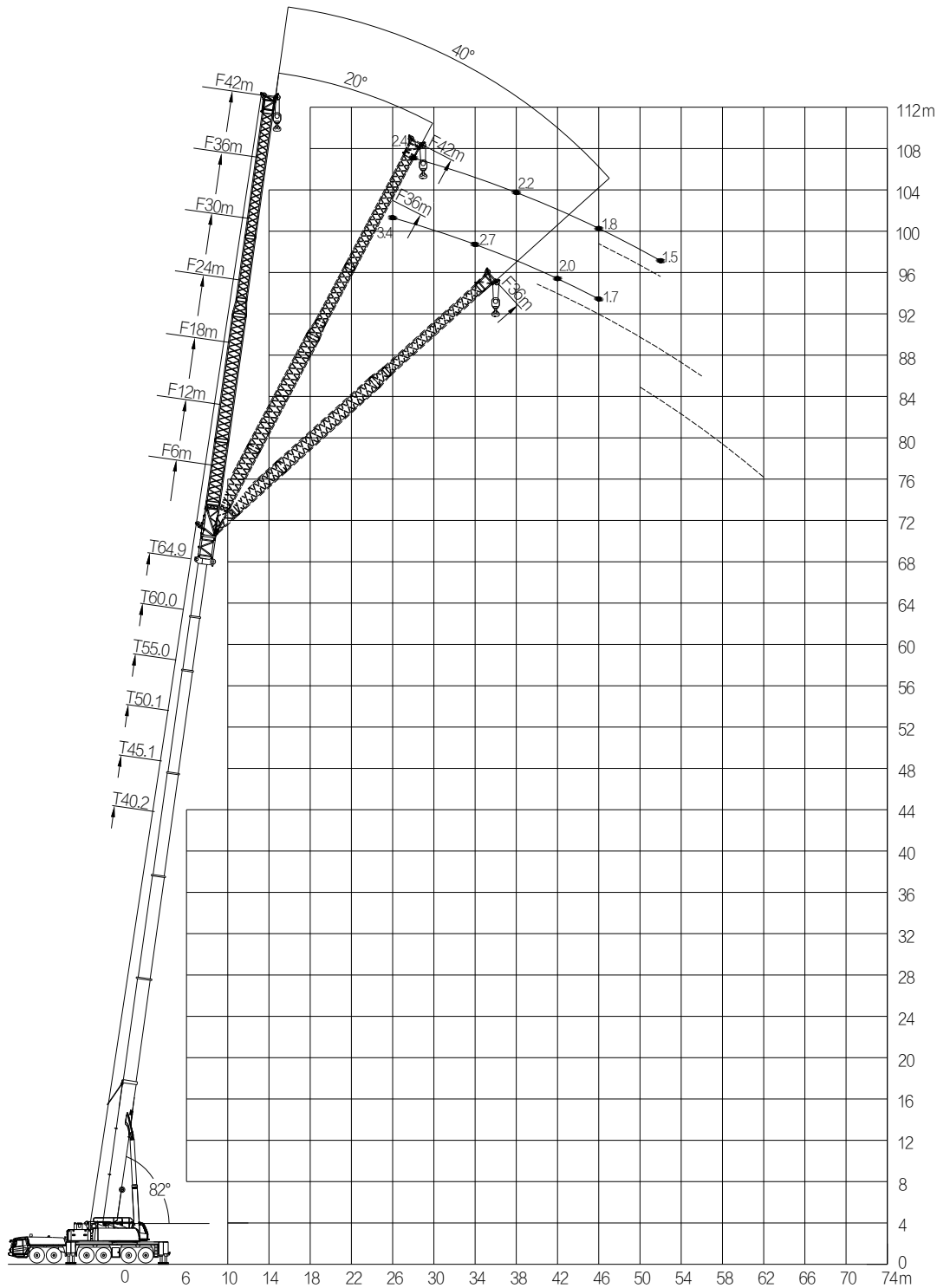
注：\*需增加附属装置，正后方作业；

主臂带超起性能表

|  m     |  m><t |      |      |      |      |      |      |      |      |      |      |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|
|                                                                                         | 30.2                                                                                   | 35.2 | 40.2 | 45.1 | 50.1 | 55   | 60   | 64.9 | 69.9 | 74.8 | 80   |
| 4.5                                                                                     |                                                                                        |      |      |      |      |      |      |      |      |      |      |
| 5                                                                                       |                                                                                        |      |      |      |      |      |      |      |      |      |      |
| 6                                                                                       |                                                                                        |      |      |      |      |      |      |      |      |      |      |
| 7                                                                                       | 100.9                                                                                  | 90.1 | 78.6 |      |      |      |      |      |      |      |      |
| 8                                                                                       | 96.1                                                                                   | 86.5 | 75.5 | 75.3 |      |      |      |      |      |      |      |
| 9                                                                                       | 90.6                                                                                   | 83.4 | 74.2 | 73.0 | 56.3 |      |      |      |      |      |      |
| 10                                                                                      | 84.2                                                                                   | 79.9 | 73.4 | 70.7 | 55.1 |      |      |      |      |      |      |
| 11                                                                                      | 78.9                                                                                   | 76.1 | 71.9 | 68.5 | 53.9 | 48.4 | 41.0 |      |      |      |      |
| 12                                                                                      | 74.0                                                                                   | 73.1 | 68.6 | 66.3 | 52.6 | 47.5 | 40.3 | 33.8 |      |      |      |
| 13                                                                                      | 69.4                                                                                   | 70.3 | 65.9 | 64.3 | 51.6 | 46.4 | 39.7 | 33.3 | 27.5 |      |      |
| 14                                                                                      | 63.5                                                                                   | 65.1 | 63.3 | 61.8 | 50.4 | 45.5 | 39.1 | 32.9 | 27.2 |      |      |
| 16                                                                                      | 53.7                                                                                   | 55.3 | 56.8 | 57.4 | 48.0 | 43.3 | 37.5 | 31.7 | 26.5 | 24.8 | 19.7 |
| 18                                                                                      | 45.0                                                                                   | 47.1 | 48.8 | 50.4 | 45.8 | 41.0 | 36.1 | 30.6 | 25.6 | 24.5 | 19.2 |
| 20                                                                                      | 37.7                                                                                   | 39.8 | 41.6 | 43.2 | 42.9 | 38.7 | 34.1 | 29.5 | 24.8 | 23.9 | 18.8 |
| 22                                                                                      | 31.9                                                                                   | 34.0 | 35.8 | 37.4 | 37.1 | 36.6 | 32.5 | 28.4 | 24.1 | 23.1 | 18.2 |
| 24                                                                                      | 27.1                                                                                   | 29.3 | 31.1 | 32.7 | 32.4 | 32.7 | 30.7 | 27.3 | 23.1 | 22.4 | 17.6 |
| 26                                                                                      | 23.1                                                                                   | 25.4 | 27.2 | 28.8 | 28.5 | 28.8 | 29.2 | 26.0 | 22.3 | 21.7 | 17.1 |
| 28                                                                                      | 13.2                                                                                   | 22.0 | 23.9 | 25.5 | 25.2 | 25.5 | 25.7 | 24.8 | 21.4 | 20.9 | 16.6 |
| 30                                                                                      |                                                                                        | 19.1 | 21.0 | 22.6 | 22.4 | 22.7 | 23.0 | 23.2 | 20.7 | 20.1 | 16.0 |
| 32                                                                                      |                                                                                        | 15.1 | 18.5 | 20.2 | 20.0 | 20.3 | 20.7 | 20.5 | 19.9 | 19.3 | 15.5 |
| 34                                                                                      |                                                                                        |      | 16.3 | 18.0 | 17.8 | 18.1 | 18.6 | 18.2 | 18.8 | 18.7 | 15.0 |
| 36                                                                                      |                                                                                        |      | 14.3 | 16.1 | 15.9 | 16.2 | 16.7 | 17.5 | 16.8 | 17.5 | 14.4 |
| 38                                                                                      |                                                                                        |      |      | 14.4 | 14.3 | 14.6 | 15.0 | 15.8 | 15.4 | 15.7 | 13.9 |
| 40                                                                                      |                                                                                        |      |      | 12.8 | 12.7 | 13.1 | 13.6 | 14.4 | 14.6 | 14.1 | 13.5 |
| 42                                                                                      |                                                                                        |      |      | 9.5  | 11.4 | 11.7 | 12.2 | 13.0 | 13.2 | 12.7 | 12.9 |
| 44                                                                                      |                                                                                        |      |      |      | 10.1 | 10.5 | 11.0 | 11.8 | 11.9 | 11.4 | 11.6 |
| 46                                                                                      |                                                                                        |      |      |      | 8.7  | 9.3  | 9.9  | 10.7 | 10.7 | 10.3 | 10.4 |
| 48                                                                                      |                                                                                        |      |      |      |      | 8.3  | 8.8  | 9.7  | 9.6  | 9.2  | 9.4  |
| 50                                                                                      |                                                                                        |      |      |      |      |      | 7.9  | 8.7  | 8.7  | 8.2  | 8.4  |
| 52                                                                                      |                                                                                        |      |      |      |      |      | 7.0  | 7.8  | 7.8  | 7.3  | 7.5  |
| 54                                                                                      |                                                                                        |      |      |      |      |      | 6.2  | 7.0  | 6.9  | 6.5  | 6.7  |
| 56                                                                                      |                                                                                        |      |      |      |      |      |      | 6.2  | 6.1  | 5.8  | 5.9  |
| 58                                                                                      |                                                                                        |      |      |      |      |      |      | 5.4  | 5.4  | 5.0  | 5.2  |
| 60                                                                                      |                                                                                        |      |      |      |      |      |      |      | 4.7  | 4.4  | 4.6  |
| 62                                                                                      |                                                                                        |      |      |      |      |      |      |      | 4.1  | 3.7  | 3.9  |
| 64                                                                                      |                                                                                        |      |      |      |      |      |      |      | 3.5  | 3.2  | 3.4  |
| 66                                                                                      |                                                                                        |      |      |      |      |      |      |      |      | 2.6  | 2.8  |
| 68                                                                                      |                                                                                        |      |      |      |      |      |      |      |      | 2.1  | 2.3  |
| 70                                                                                      |                                                                                        |      |      |      |      |      |      |      |      |      | 1.8  |
| 72                                                                                      |                                                                                        |      |      |      |      |      |      |      |      |      | 1.3  |
| 74                                                                                      |                                                                                        |      |      |      |      |      |      |      |      |      |      |
| 76                                                                                      |                                                                                        |      |      |      |      |      |      |      |      |      |      |
| 78                                                                                      |                                                                                        |      |      |      |      |      |      |      |      |      |      |
| n                                                                                       | 8                                                                                      | 7    | 6    | 6    | 5    | 4    | 3    | 3    | 2    | 2    | 2    |
|  m/s | 13.0                                                                                   | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 |



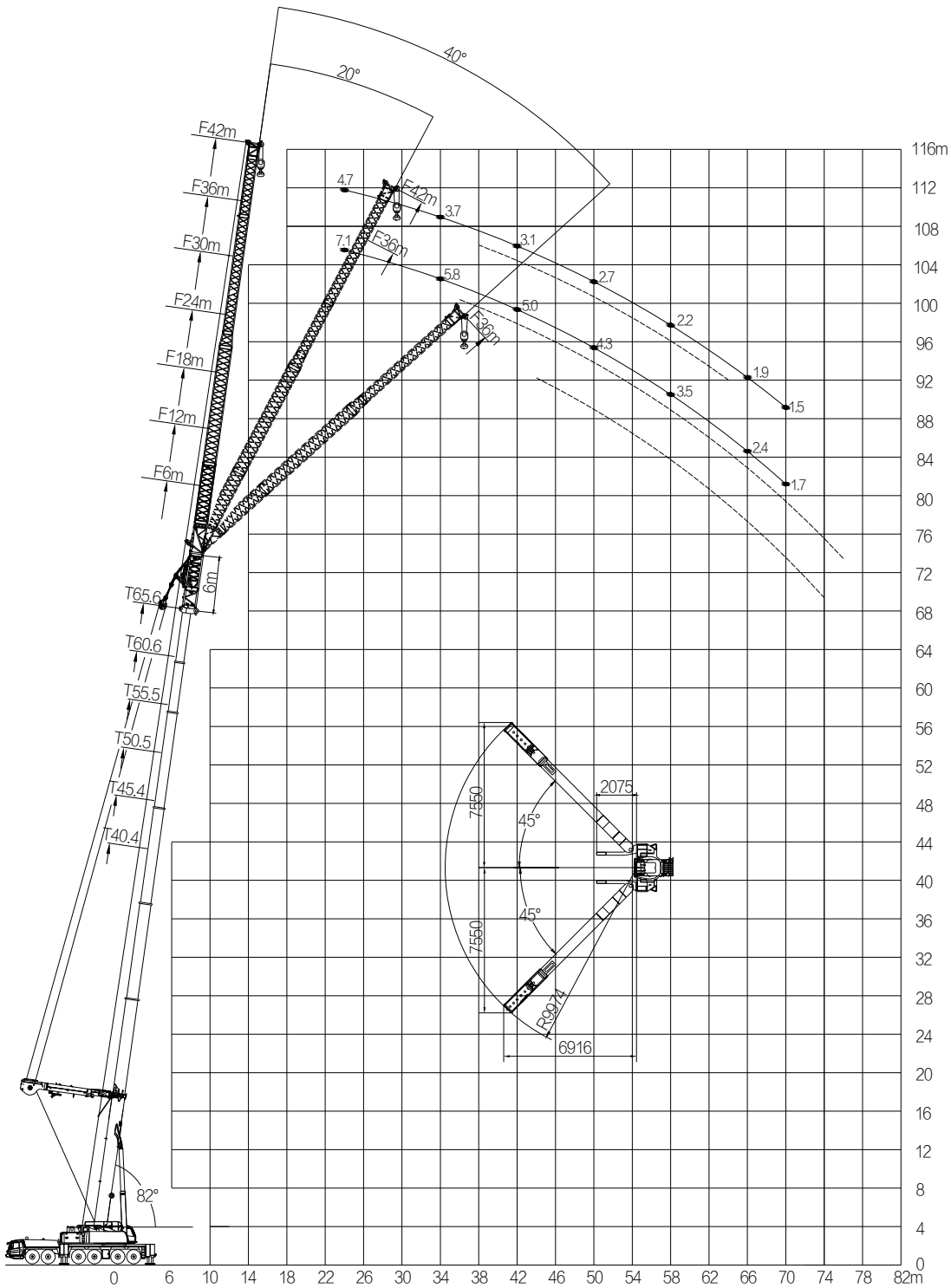
固定副臂工况：  
100吨重，64.9米主臂无超起，36-42米固定副臂,支腿全伸



固定副臂性能表

|                                                                                                                                                                                                                                                                           | <div><div> m &gt; t</div><div> m &gt; t</div></div> |     |     |     |     |     |     |      |     |     |     |     |     |     |      |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|
|                                                                                                                                                                                                                                                                                                                                                            | 64.9                                                                                                                                                                                                                  |     |     |     |     |     |     | 69.9 |     |     |     |     |     |     | 74.8 |     |     |     |
|                                                                                                                                                                                                                                                                                                                                                            | 6                                                                                                                                                                                                                     | 12  | 18  | 24  | 30  | 36  | 42  | 6    | 12  | 18  | 24  | 30  | 36  | 6   | 12   | 18  | 24  | 30  |
| 14                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                       |     |     |     |     |     |     |      |     |     |     |     |     |     |      |     |     |     |
| 16                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                       |     |     |     |     |     |     |      |     |     |     |     |     |     |      |     |     |     |
| 18                                                                                                                                                                                                                                                                                                                                                         | 11.0                                                                                                                                                                                                                  |     |     |     |     |     |     |      |     |     |     |     |     |     |      |     |     |     |
| 20                                                                                                                                                                                                                                                                                                                                                         | 10.5                                                                                                                                                                                                                  | 8.7 | 7.0 |     |     |     |     | 8.8  |     |     |     |     |     |     |      |     |     |     |
| 22                                                                                                                                                                                                                                                                                                                                                         | 9.9                                                                                                                                                                                                                   | 8.4 | 6.8 | 5.6 |     |     |     | 8.4  | 7.7 | 6.5 |     |     |     | 7.1 |      |     |     |     |
| 24                                                                                                                                                                                                                                                                                                                                                         | 9.4                                                                                                                                                                                                                   | 8.0 | 6.6 | 5.4 | 4.4 |     |     | 7.9  | 7.4 | 6.2 | 4.8 |     |     | 6.7 | 6.8  | 5.0 |     |     |
| 26                                                                                                                                                                                                                                                                                                                                                         | 8.8                                                                                                                                                                                                                   | 7.6 | 6.3 | 5.3 | 4.3 | 3.4 |     | 7.5  | 7.0 | 5.9 | 4.6 | 3.8 | 1.8 | 6.3 | 6.5  | 4.7 | 4.1 |     |
| 28                                                                                                                                                                                                                                                                                                                                                         | 8.2                                                                                                                                                                                                                   | 7.2 | 6.1 | 5.0 | 4.2 | 3.2 | 2.4 | 7.0  | 6.7 | 5.6 | 4.4 | 3.7 | 1.8 | 6.0 | 6.2  | 4.5 | 3.9 | 3.2 |
| 30                                                                                                                                                                                                                                                                                                                                                         | 7.7                                                                                                                                                                                                                   | 6.8 | 5.8 | 4.9 | 4.0 | 3.1 | 2.4 | 6.6  | 6.3 | 5.3 | 4.3 | 3.5 | 1.8 | 5.6 | 5.9  | 4.3 | 3.8 | 3.1 |
| 32                                                                                                                                                                                                                                                                                                                                                         | 7.2                                                                                                                                                                                                                   | 6.4 | 5.6 | 4.7 | 3.8 | 2.9 | 2.3 | 6.1  | 6.0 | 5.0 | 4.2 | 3.4 | 1.8 | 5.3 | 5.6  | 4.1 | 3.7 | 3.0 |
| 34                                                                                                                                                                                                                                                                                                                                                         | 6.7                                                                                                                                                                                                                   | 6.0 | 5.3 | 4.5 | 3.7 | 2.7 | 2.2 | 5.8  | 5.6 | 4.8 | 3.9 | 3.2 | 1.8 | 4.9 | 5.3  | 3.9 | 3.5 | 2.8 |
| 36                                                                                                                                                                                                                                                                                                                                                         | 6.2                                                                                                                                                                                                                   | 5.7 | 5.0 | 4.3 | 3.5 | 2.6 | 2.2 | 5.4  | 5.3 | 4.5 | 3.8 | 3.1 | 1.8 | 4.6 | 5.0  | 3.7 | 3.3 | 2.7 |
| 38                                                                                                                                                                                                                                                                                                                                                         | 5.8                                                                                                                                                                                                                   | 5.3 | 4.8 | 4.1 | 3.4 | 2.3 | 2.2 | 5.0  | 5.0 | 4.3 | 3.6 | 3.0 | 1.8 | 4.3 | 4.6  | 3.6 | 3.2 | 2.6 |
| 40                                                                                                                                                                                                                                                                                                                                                         | 5.4                                                                                                                                                                                                                   | 5.0 | 4.5 | 3.8 | 3.3 | 2.2 | 2.1 | 4.7  | 4.6 | 4.1 | 3.4 | 2.9 | 1.8 | 4.0 | 4.4  | 3.4 | 3.0 | 2.5 |
| 42                                                                                                                                                                                                                                                                                                                                                         | 5.0                                                                                                                                                                                                                   | 4.6 | 4.2 | 3.7 | 3.1 | 2.0 | 2.0 | 4.4  | 4.4 | 4.0 | 3.2 | 2.7 | 1.7 | 3.7 | 4.1  | 3.3 | 2.8 | 2.4 |
| 44                                                                                                                                                                                                                                                                                                                                                         | 4.6                                                                                                                                                                                                                   | 4.3 | 3.9 | 3.4 | 3.0 | 1.8 | 1.9 | 4.0  | 4.1 | 3.8 | 3.0 | 2.6 | 1.6 | 3.5 | 3.8  | 3.2 | 2.7 | 2.3 |
| 46                                                                                                                                                                                                                                                                                                                                                         | 4.3                                                                                                                                                                                                                   | 4.0 | 3.7 | 3.2 | 2.8 | 1.7 |     | 3.7  | 3.8 | 3.2 | 2.8 | 2.5 |     | 3.2 | 3.6  | 3.1 | 2.5 | 2.2 |
| 48                                                                                                                                                                                                                                                                                                                                                         | 4.0                                                                                                                                                                                                                   | 3.7 | 3.4 | 3.0 | 2.6 |     |     | 3.5  | 3.5 | 3.1 | 2.7 | 2.3 |     | 3.0 | 3.3  | 2.9 | 2.4 | 2.0 |
| 50                                                                                                                                                                                                                                                                                                                                                         | 3.7                                                                                                                                                                                                                   | 3.4 | 3.2 | 2.8 | 2.4 |     |     | 3.2  | 3.2 | 2.9 | 2.5 | 2.1 |     | 2.8 | 3.1  | 2.8 | 2.2 | 1.9 |
| 52                                                                                                                                                                                                                                                                                                                                                         | 3.4                                                                                                                                                                                                                   | 3.1 | 3.0 | 2.6 | 2.2 |     |     | 2.9  | 3.0 | 2.8 | 2.3 | 2.0 |     | 2.6 | 2.8  | 2.7 | 2.0 | 1.7 |
| 54                                                                                                                                                                                                                                                                                                                                                         | 3.0                                                                                                                                                                                                                   | 2.9 | 2.7 | 2.4 | 2.1 |     |     | 2.7  | 2.7 | 2.6 | 2.1 | 1.8 |     | 2.4 | 2.7  | 2.6 | 1.9 |     |
| 56                                                                                                                                                                                                                                                                                                                                                         | 2.7                                                                                                                                                                                                                   | 2.6 | 2.5 | 2.2 | 1.9 |     |     | 2.4  | 2.5 | 2.4 | 1.9 | 1.7 |     | 2.2 | 2.4  | 2.5 | 1.7 |     |
| 58                                                                                                                                                                                                                                                                                                                                                         | 2.5                                                                                                                                                                                                                   | 2.4 | 2.3 | 2.0 | 1.8 |     |     | 2.2  | 2.3 | 2.2 | 1.8 |     |     | 1.7 | 2.2  | 2.1 |     |     |
| 60                                                                                                                                                                                                                                                                                                                                                         | 2.2                                                                                                                                                                                                                   | 2.2 | 2.1 | 1.8 |     |     |     | 1.8  | 2.1 | 2.0 |     |     |     |     | 2.0  | 1.9 |     |     |
| 62                                                                                                                                                                                                                                                                                                                                                         | 1.9                                                                                                                                                                                                                   | 1.9 |     |     |     |     |     |      | 1.8 |     |     |     |     |     | 1.7  |     |     |     |
| 64                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                       |     |     |     |     |     |     |      |     |     |     |     |     |     |      |     |     |     |
| 66                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                       |     |     |     |     |     |     |      |     |     |     |     |     |     |      |     |     |     |
| 68                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                       |     |     |     |     |     |     |      |     |     |     |     |     |     |      |     |     |     |
| 70                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                       |     |     |     |     |     |     |      |     |     |     |     |     |     |      |     |     |     |
| 72                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                       |     |     |     |     |     |     |      |     |     |     |     |     |     |      |     |     |     |
| n                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                                                                                                                                                     | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1   | 1   | 1   |
|  m/s                                                                                                                                                                                                                                                                    | 9.0                                                                                                                                                                                                                   | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0  | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0  | 9.0 | 9.0 | 9.0 |
| <div><div>T</div><div>F 0°</div><div><div>8.95 x</div><div>8.6</div><div>m</div></div><div><div></div><div>100.0</div><div>t</div></div><div><div></div><div>360°</div></div></div> |                                                                                                                                                                                                                       |     |     |     |     |     |     |      |     |     |     |     |     |     |      |     |     |     |

固定副臂工况：  
100吨配重，64.9米主臂带超起，36-42米固定副臂，支腿全伸



固定副臂带超起性能表

|  m                                                                             |  m > t  m < t |      |      |      |     |     |     |      |      |      |     |     |     |      |      |      |     |     |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|-----|-----|-----|------|------|------|-----|-----|-----|------|------|------|-----|-----|--|
|                                                                                                                                                                 | 64.9                                                                                                                                                                            |      |      |      |     |     |     | 69.9 |      |      |     |     |     |      | 74.8 |      |     |     |  |
|                                                                                                                                                                 | 6                                                                                                                                                                               | 12   | 18   | 24   | 30  | 36  | 42  | 6    | 12   | 18   | 24  | 30  | 36  | 6    | 12   | 18   | 24  | 30  |  |
| 14                                                                                                                                                              |                                                                                                                                                                                 |      |      |      |     |     |     |      |      |      |     |     |     |      |      |      |     |     |  |
| 16                                                                                                                                                              |                                                                                                                                                                                 |      |      |      |     |     |     |      |      |      |     |     |     |      |      |      |     |     |  |
| 18                                                                                                                                                              | 23.4                                                                                                                                                                            | 21.2 |      |      |     |     |     | 18.8 |      |      |     |     |     | 15.0 |      |      |     |     |  |
| 20                                                                                                                                                              | 22.9                                                                                                                                                                            | 20.7 | 16.2 |      |     |     |     | 18.3 | 17.0 |      |     |     |     | 14.6 |      |      |     |     |  |
| 22                                                                                                                                                              | 22.2                                                                                                                                                                            | 20.3 | 15.5 | 11.8 | 9.0 |     |     | 17.7 | 16.6 | 12.9 |     |     |     | 14.2 | 13.6 |      |     |     |  |
| 24                                                                                                                                                              | 21.3                                                                                                                                                                            | 19.6 | 14.9 | 11.3 | 8.6 | 7.1 | 4.7 | 17.0 | 16.3 | 12.4 | 9.4 | 7.2 |     | 13.6 | 13.3 | 10.3 |     |     |  |
| 26                                                                                                                                                              | 20.5                                                                                                                                                                            | 18.9 | 14.3 | 10.8 | 8.2 | 6.8 | 4.4 | 16.4 | 15.7 | 11.9 | 9.0 | 6.9 | 5.4 | 13.1 | 13.0 | 9.9  | 7.5 | 5.5 |  |
| 28                                                                                                                                                              | 19.3                                                                                                                                                                            | 18.1 | 13.8 | 10.4 | 7.9 | 6.5 | 4.2 | 15.4 | 15.1 | 11.5 | 8.6 | 6.6 | 5.2 | 12.3 | 12.5 | 9.5  | 7.2 | 5.3 |  |
| 30                                                                                                                                                              | 18.1                                                                                                                                                                            | 17.2 | 13.2 | 10.0 | 7.6 | 6.2 | 4.0 | 14.5 | 14.5 | 11.0 | 8.3 | 6.3 | 5.0 | 11.6 | 12.1 | 9.2  | 6.9 | 5.1 |  |
| 32                                                                                                                                                              | 16.9                                                                                                                                                                            | 16.2 | 12.8 | 9.6  | 7.3 | 6.0 | 3.9 | 13.5 | 13.8 | 10.6 | 8.0 | 6.1 | 4.8 | 10.8 | 11.6 | 8.8  | 6.7 | 4.9 |  |
| 34                                                                                                                                                              | 15.3                                                                                                                                                                            | 14.4 | 12.3 | 9.3  | 7.0 | 5.8 | 3.7 | 12.5 | 13.0 | 10.2 | 7.7 | 5.8 | 4.6 | 10.0 | 11.0 | 8.4  | 6.4 | 4.7 |  |
| 36                                                                                                                                                              | 13.5                                                                                                                                                                            | 12.9 | 11.8 | 9.0  | 6.8 | 5.5 | 3.6 | 11.6 | 12.2 | 9.9  | 7.4 | 5.6 | 4.4 | 9.3  | 10.4 | 8.2  | 6.1 | 4.5 |  |
| 38                                                                                                                                                              | 11.9                                                                                                                                                                            | 11.5 | 10.6 | 8.6  | 6.6 | 5.4 | 3.4 | 10.6 | 11.3 | 9.5  | 7.2 | 5.4 | 4.3 | 8.5  | 9.7  | 7.9  | 5.9 | 4.4 |  |
| 40                                                                                                                                                              | 10.5                                                                                                                                                                            | 10.2 | 9.6  | 8.3  | 6.3 | 5.2 | 3.3 | 9.8  | 10.5 | 9.2  | 6.9 | 5.2 | 4.2 | 7.8  | 9.1  | 7.6  | 5.7 | 4.2 |  |
| 42                                                                                                                                                              | 9.3                                                                                                                                                                             | 9.0  | 8.6  | 8.0  | 6.1 | 5.0 | 3.1 | 9.0  | 9.4  | 8.7  | 6.7 | 5.1 | 4.0 | 7.2  | 8.4  | 7.4  | 5.5 | 4.0 |  |
| 44                                                                                                                                                              | 8.1                                                                                                                                                                             | 8.1  | 7.8  | 7.7  | 5.8 | 4.8 | 3.0 | 8.2  | 7.2  | 7.9  | 6.4 | 4.9 | 3.8 | 6.6  | 7.8  | 7.1  | 5.3 | 3.9 |  |
| 46                                                                                                                                                              | 7.1                                                                                                                                                                             | 7.2  | 7.0  | 7.0  | 5.6 | 4.6 | 2.9 | 7.4  | 6.6  | 7.1  | 6.2 | 4.7 | 3.7 | 6.0  | 5.7  | 6.9  | 5.1 | 3.7 |  |
| 48                                                                                                                                                              | 6.1                                                                                                                                                                             | 6.4  | 6.3  | 6.4  | 5.4 | 4.5 | 2.8 | 6.5  | 6.0  | 6.4  | 6.0 | 4.5 | 3.6 | 5.4  | 5.2  | 6.5  | 5.0 | 3.6 |  |
| 50                                                                                                                                                              | 5.3                                                                                                                                                                             | 5.7  | 5.6  | 5.8  | 5.1 | 4.3 | 2.7 | 5.6  | 5.5  | 5.8  | 5.8 | 4.4 | 3.5 | 4.9  | 4.8  | 5.9  | 4.8 | 3.5 |  |
| 52                                                                                                                                                              | 4.5                                                                                                                                                                             | 5.0  | 5.0  | 5.2  | 4.7 | 4.2 | 2.6 | 4.9  | 5.0  | 5.2  | 5.3 | 4.2 | 3.3 | 4.5  | 4.4  | 5.3  | 4.7 | 3.3 |  |
| 54                                                                                                                                                              | 3.8                                                                                                                                                                             | 4.3  | 4.5  | 4.7  | 4.3 | 4.0 | 2.4 | 4.1  | 4.4  | 4.6  | 4.8 | 4.0 | 3.2 | 4.0  | 4.0  | 4.7  | 4.5 | 3.2 |  |
| 56                                                                                                                                                              | 3.1                                                                                                                                                                             | 3.7  | 4.0  | 4.2  | 3.9 | 3.8 | 2.4 | 3.4  | 3.8  | 4.1  | 4.3 | 3.8 | 3.1 | 3.6  | 3.6  | 4.2  | 4.4 | 3.1 |  |
| 58                                                                                                                                                              | 2.2                                                                                                                                                                             | 3.1  | 3.5  | 3.8  | 3.5 | 3.5 | 2.2 | 2.8  | 3.2  | 3.6  | 3.9 | 3.3 | 3.0 | 3.2  | 3.0  | 3.7  | 4.0 | 3.0 |  |
| 60                                                                                                                                                              |                                                                                                                                                                                 | 2.4  | 3.0  | 3.4  | 3.2 | 3.2 | 2.2 | 2.0  | 2.5  | 3.1  | 3.5 | 3.0 | 2.9 | 2.6  | 2.2  | 3.2  | 3.6 | 2.7 |  |
| 62                                                                                                                                                              |                                                                                                                                                                                 | 1.8  | 2.6  | 3.0  | 2.9 | 2.9 | 2.0 |      | 2.0  | 2.7  | 3.1 | 2.7 | 2.8 | 1.8  | 1.8  | 2.8  | 3.2 | 2.5 |  |
| 64                                                                                                                                                              |                                                                                                                                                                                 | 1.4  | 2.2  | 2.5  | 2.5 | 2.7 | 2.0 |      | 1.8  | 2.3  | 2.6 | 2.4 | 2.6 |      |      | 2.4  | 2.7 | 2.2 |  |
| 66                                                                                                                                                              |                                                                                                                                                                                 |      | 1.6  | 1.9  | 2.1 | 2.4 | 1.9 |      | 1.5  | 1.8  | 2.0 | 1.9 | 2.3 |      |      | 1.9  | 2.1 | 1.5 |  |
| 68                                                                                                                                                              |                                                                                                                                                                                 |      |      | 1.6  | 1.4 | 2.0 | 1.9 |      |      |      | 1.7 |     | 1.9 |      |      | 1.4  | 1.8 |     |  |
| 70                                                                                                                                                              |                                                                                                                                                                                 |      |      |      |     | 1.7 | 1.5 |      |      |      |     |     | 1.6 |      |      |      | 1.5 |     |  |
| 72                                                                                                                                                              |                                                                                                                                                                                 |      |      |      |     |     |     |      |      |      |     |     |     |      |      |      |     |     |  |
| 74                                                                                                                                                              |                                                                                                                                                                                 |      |      |      |     |     |     |      |      |      |     |     |     |      |      |      |     |     |  |
| 76                                                                                                                                                              |                                                                                                                                                                                 |      |      |      |     |     |     |      |      |      |     |     |     |      |      |      |     |     |  |
| n                                                                                                                                                               | 2                                                                                                                                                                               | 2    | 2    | 1    | 1   | 1   | 1   | 2    | 2    | 1    | 1   | 1   | 1   | 2    | 1    | 1    | 1   | 1   |  |
|  m/s                                                                         | 9.0                                                                                                                                                                             | 9.0  | 9.0  | 9.0  | 9.0 | 9.0 | 9.0 | 9.0  | 9.0  | 9.0  | 9.0 | 9.0 | 9.0 | 9.0  | 9.0  | 9.0  | 9.0 | 9.0 |  |
| <div><div>TYVE</div><div>F 0°</div><div><div>8.95x</div><div>8.6</div><div>m</div></div><div><div>100.0</div><div>t</div></div><div><div>360°</div></div></div> |                                                                                                                                                                                 |      |      |      |     |     |     |      |      |      |     |     |     |      |      |      |     |     |  |



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