



科技鉴定“国际领先”
SCIENTIFIC & TECHNOLOGICAL APPRAISAL
INTERNATIONALLY LEADING LEVEL



AERIAL WORKING PLATFORM GKS45TL

高空作业车



XCMG Construction Machinery Co.,Ltd.

✉ export@xcmg.com

☎ (0086 516)8773 9572

🌐 www.xcmgglobal.com
www.xcmgexport.en.alibaba.com

🏠 XCMG Headquarters, Xuzhou Economic Development Zone, Jiangsu, China 221004



WeChat



Website



@XCMGGROUP | Q

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V.1_2026

主要参数 Technical Specifications

项目 ITEM	单位 UNIT	参数 PARAMETER
尺寸参数 Dimension Parameter		
总长 Overall Length	mm	9489
总宽 Overall Width	mm	2535
总高 Overall Height	mm	3758
质量参数 Weight Parameter		
乘坐人数（含驾驶员） Crew (including driver)	人 person	2
总质量 Gross Weight	kg	15500
动力参数 Power Parameter		
发动机型号 Engine model	—	ISDe 270 Euro5
发动机功率	kW	199
主要性能参数 Main Performance Parameters		
作业平台额定载荷 Rated load of the working platform	kg	400/260/120
最大作业高度 Maximum working height	m	45
最大作业高度时作业幅度 Maximum working radius	m	6.7
最大作业幅度 Maximum working range	m	27
最大作业幅度时作业高度 Working height at maximum working radius	m	3.7
作业平台回转 Rotation of platform	°	±90
支腿跨距 Outrigger span	横向（前/后） Transverse (front/rear)	7085/6900
	纵向（左/右） Longitudinal (left/right)	5870/5620
行驶参数 Travel Parameter		
前悬 Front overhang	mm	1270
后悬 Rear overhang	mm	2634
前伸 Front extension	mm	0
后伸 Rear extension	mm	435
最高车速 Maximum speed	km/h	100
最小离地间隙 Minimum ground clearance	mm	240
接近角 Approach angle	°	20
离去角 Departure angle	°	10
轴距 Wheelbase	mm	5150

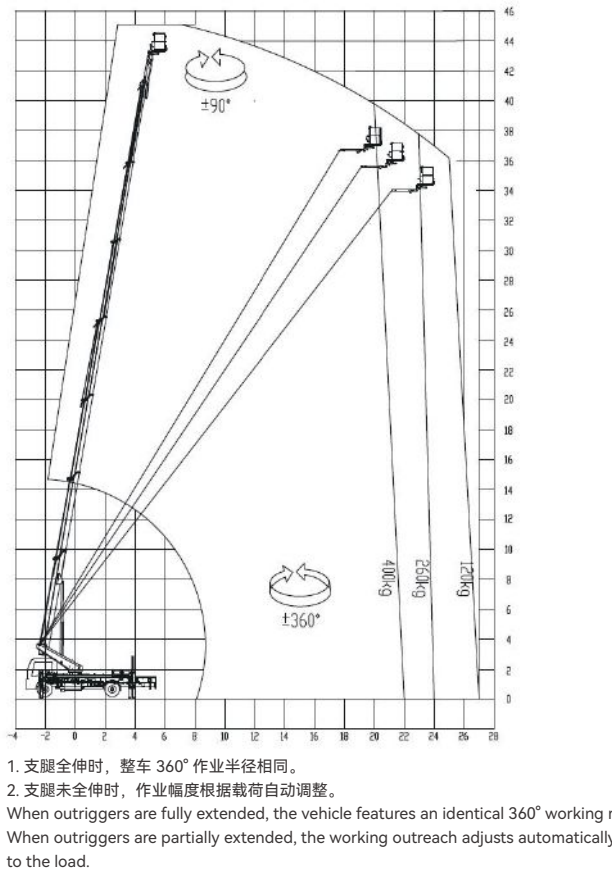
主要组成配置 Main configuration

底盘 Chassis	品牌+型号 Brand + Model 福田 BJ1226VMPHN-RF FOTON BJ1226VMPHN-RF
发动机 Engine	康明斯 ISDe 270 Euro5 发动机，额定功率 199kw，欧 V 排放标准 Cummins ISDe 270 engine complying with Euro V emission standard, with a rated power of 199 kW
驾驶室 Cab	排半，准乘人数2人，驾驶室装有空调 Semi-sleeper cab, rated seating capacity: 2 persons, equipped with air conditioner
取力系统 Power takeoff system	气动操纵，齿轮泵直接与取力器连接 Pneumatic control, gear pump directly connected to the PTO
臂架形式 Boom type	基本臂+六节伸缩臂+独立飞臂 Base boom + six-sectioned telescopic boom + independent fly boom
围板及走台板 Coaming plate and bedplate	铝合金防滑走台板，铝合金围栏 Aluminum alloy anti-slip bedplate, aluminum alloy railings
回转装置 Rotation device	转台±360°连续回转，作业平台±90°回转 Column rotates±360°continuously, bucket rotates ±90°continuously
作业平台 Work platform	2108mm×750mm×1100mm带可折叠翻板铝合金作业平台 Foldable aluminum alloy work platform, with dimensions of 2108mm×750mm×1100mm
支腿 Leg	前X型后H型双级，单独可调 Dual-stage leg, X-type in the front and H-type in the rear, and each leg can be adjusted independently.
操作 Operation	转台液压手柄操作，标配无线遥控器操作，下车液压手柄操作，设有应急电动液压泵 Hydraulic handles are used at the column, radio remote control operation is also offered. Lower vehicle is operated by hydraulic handles, and equipped with emergency electric hydraulic pump
控制系统 Control system	负载敏感电液比例控制，实现无级调速 Electro-hydraulic proportional control, stepless speed regulation
调平系统 Leveling system	电液调平系统 Electro-hydraulic leveling system
支腿拉线 Outrigger Cable Sensor	实时检测支腿位置，自主匹配作业幅度 Real-time outrigger position monitoring, auto-adapted working outreach

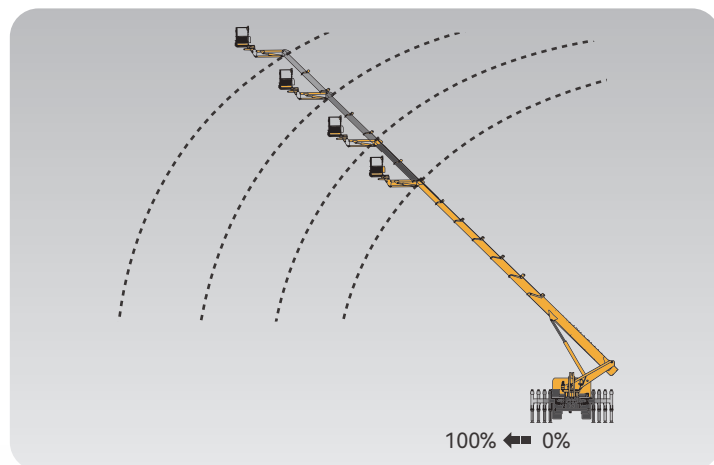
安全配置 Safety Configurations

软腿自动保护 Soft Outrigger Protection	实时检测支腿受力，异常时切断危险动作 Real-time outrigger force detection, cutting off dangerous movements in case of abnormality
上下车自动互锁 Upper/Lower Interlock	防止上下车误操作，避免危险工况 Prevent misoperation between upper and lower systems
应急电动泵 Emergency Electric Pump	故障时将平台安全送回地面 Safely lower the platform in case of main system failure
紧急停止装置 Emergency Stop	平台、转台、下车三处设置，一键急停 Installed at platform, turntable and lower position for instant stop
整车水平测试仪 Vehicle Level Monitor	实时监测倾斜状态，确保作业稳定 Real-time tilt monitoring for stable operation
支腿拉线 Outrigger Cable Sensor	实时检测支腿位置，自主匹配作业幅度 Real-time outrigger position monitoring, auto-adapted working outreach

作业曲线图 Operation scope diagram



支腿分级 Graduated Outrigger Extension



单一支腿可任意伸缩，系统根据支腿伸出长度、臂架姿态、作业载荷自动判断进行幅度限制，保障作业人员安全

Single outrigger can be extended or retracted arbitrarily. The system automatically imposes outreach limitations based on outrigger extension length, boom posture and working load to ensure operator safety.



转台处配备油压检测传感器，根据作业平台载荷进行实时限幅

The column is equipped with oil pressure monitoring sensor that enable real time working range limitation based on the platform load.



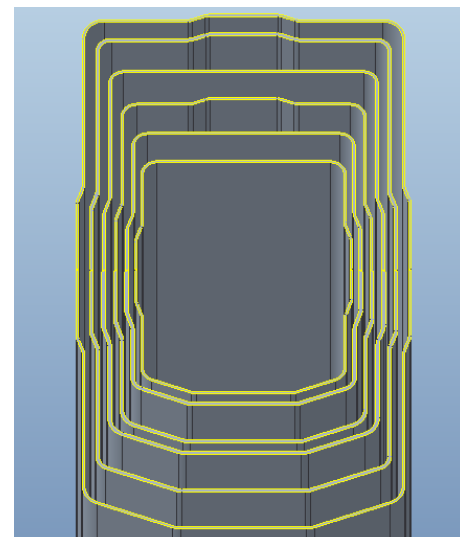
外啮合行星式回转减速机，大扭矩，回转平顺；啮合间隙可调，磨损补偿，经久耐用

External meshing planetary slewing reducer features high torque and smooth slewing; adjustable gear meshing clearance provides wear compensation for extended service life.



标配电动应急泵、上下车互锁、软腿保护、急停等安全防护，多重安全防护，作业安全有保障

Standard safety configurations consist of electric emergency pump, ground-platform interlock, outrigger soft leg protection and emergency stop. Multiple safety safeguards ensure safe operation.



多边形臂体，高强度钢板压型，机器人焊接、电泳工艺，臂体刚性及承载能力更强

Polygonal boom fabricated with formed high-strength steel plates via robotic welding and electrophoretic coating processes, delivering superior boom rigidity and load-bearing capacity.



标配飞臂，作业更灵活
Jib arm comes as standard for more flexible operation

电液调平，作业斗随臂体工作高度和幅度自动调平；
Electro-hydraulic leveling system automatically levels the work basket as the boom changes working height and outreach.



配备可折叠翻板铝合金作业平台，平台尺寸 2100mm×750mm×1100mm，平台单侧可敞开，货物装卸方便

Equipped with a foldable aluminum working platform, with dimensions of 2100mm×750mm×1100mm, the platform can be opened on one side to facilitate the loading and unloading of goods.

康明斯 ISDE270 发动机，199kW，欧 V 排放，右侧驾驶
Cummins ISDE270 engine, 199 kW, Euro V emission standard, right-hand drive.

多位操作系统 Multi-position control system



转台操作位

控制转台、臂架、作业平台动作，标配集成化控制面板，选装显示器（实时显示车辆作业姿态及信息）

Turret Control Station

Controls movements of turret, booms and working platform. Integrated control panel as standard; display monitor optional to real-time display vehicle working posture and operational data.



多功能遥控器（选装带屏遥控器）

远距离操控支腿、臂架、作业平台，操控安全便捷

Multi-functional remote controller (screen-equipped remote controller optional)

Remotely control outriggers, boom and working platform; safe and convenient operation.



平台操控

配备防误操作手柄，高清显示屏、急停开关等。

Platform Controls

Fitted with anti-misoperation joystick, high-definition display screen, emergency stop switch and other components.



支腿采用前 X 型后 H 型双级支腿设计，单独可调，支腿结构创新设计，增强回转稳定性

The innovative dual-stage outrigger features front X-type and rear H-type configuration, and each can be adjusted independently, greatly improve slewing stability.

