

主要技术参数/Main technical parameters

类别 Category	项目 Item		单位 Unit	数据 Data	
尺寸参数 size parameter	总长/Vehicle length		mm	5998,5780	
	总宽/Vehicle width		mm	2100	
	总高/Vehicle height		mm	3460,2960, 3160,2800	
质量参数 Quality parameters	乘坐人数 (含驾驶员) Number of passengers allowed		人	2	
	总质量/Total mass		kg	4495	
主要性能参数 Main performance parameters	工作平台额定载荷/Working platform load rating		kg	250	
	最大作业高度/MAX. operating height		m	20	
	最大作业幅度/MAX. operating range (载重250公斤抬臂, 不软腿不翘腿 Load capacity of 250 kilograms, lifting the arm, without leg buckling or tilting.) *该参数为支腿完全伸出状态下的实测数据 (This parameter is the measured data when the outrigger is fully extended.)	前 (Front)/后 (Back)	m	9/12	
		左 (Left)/右 (Right)	m	13/13	
		左前 (Left Front)/ 右后 (Right Rear)	m	9/13	
		右前 (Right Front)/ 左后 (Left Rear)	m	9/13	
	支腿跨距 Outrigger span	横向/ Transverse direction		mm	4000
		纵向/Longitudinal direction		mm	4500
	工作平台回转/Work platform rotation		°	360	
	臂架变幅时间/Arm amplitude change time		s	≥60	
臂架回转速度/Arm rotation speed		s/r	120≤t≤160		
支腿收放时间/Leg extension and retraction time		s	≤60		
行驶参数 Driving parameters	前悬/Front overhang		mm	1015	
	后悬/Rear overhang		mm	1685	
	前伸/Protract		mm	/	
	后伸/Extension		mm	/	
	轴距/wheelbase		mm	3360	
	最高行驶速度/Max driving speed		km/h	100	
	最小离地间隙/Min ground clearance		mm	350	
	接近角/Approach angle		°	/	
	离去角/Departure angle		°	/	

配置说明/CONFIGURATION DESCRIPTION

部件名称 Component Name	简要说明 Brief description
底盘/Chassis	五十铃(ISUZU) QL1040BUHWY
发动机/Engine	4KB1-TCG60 2.499排量(Displacement) 96kw 131ps
围栏及走台板 Fence and walkway board	不锈钢围栏, 铝合金防滑走台板 Stainless steel fence, aluminum alloy anti slip walkway board
取力系统 Power take-off system	气动取力/Pneumatic power take-off
工作平台 Working platform	1600×700×1000mm (吊篮尺寸可按客户要求定制/The size of the hanging basket can be customized according to customer requirements)
臂架形式 Arm form	四节十六边形同步伸缩臂 Four section sixteen sided synchronous telescopic arm
回转装置 /Rotator	360°连续回转/360° continuous rotation
支腿/ Outrigger	前V后V型单节支腿, 单独可调, 可同步伸缩 Front V-Type & Rear V-Type Single-Section Outriggers, individually adjustable and synchronously extendable.
操作/ Operate	转台固定操作, 无线遥控盒操作, 下车液压手柄操作, 设有电动应急泵, 整车可实现全液压电动应急操作。 Fixed operation of the turntable, wireless remote control box operation, hydraulic handle operation of the vehicle, equipped with an electric emergency pump, the entire vehicle can achieve full hydraulic electric emergency operation.
控制系统/ Control system	高空车控制系统, 稳定性强/high-altitude vehicle control system with strong stability
调平系统 leveling system	组合式自动调平系统 (等容积油缸) Combined Automatic Leveling System (Equal Volume Cylinders)
伸链力平衡 Chain extension force balance	伸绳设置平衡机构, 保证左右钢丝绳受力均衡/Set up a balance mechanism for extending the rope to ensure that the force on the left and right steel wire ropes is balanced

基本功能及安全配置/Basic functions and safety configuration

名称/Name	简要说明/Brief
支腿软腿检测 Leg soft leg detection	实时检测支腿受力状态，一旦检测到有支腿松动报警限动 Real-time detection of the leg force state, once the leg is detected loose alarm limit movement
上下车自动互锁装置 upper and lower automatic vehicle interlock device	自动实现上下车互锁，防止上下车同时操作，实现安全保护 Automatically interlocks the upper and lower controls to prevent simultaneous operation, ensuring safety protection for aerial work platforms.
应急电动液压泵 Emergency electric-hydraulic pump	当底盘发动机或液压主泵发生故障时，将工作人员送回到地面 Send the staff back to the ground when the chassis engine or hydraulic main pump fails.
紧急停止装置 Emergency stop device	用于紧急停止操作 For emergency stop operation

