

科技中联，匠心相伴 ZOOMLION TECHNOLOGY WITH INGENUITY AND CARE



全球领先的矿山机械全流程智能制造工厂

The world's leading full-process smart mining machinery manufacturing factory

中联重科矿山机械公司拥有全球领先的智能化、绿色化、国际化的智能生产线，涵盖露天矿山机械的“钻、挖、装、运、破”等采矿全流程高端装备产品。以高标准加工、装配工艺和严苛的品质管控，让每一台交付的机器都具备极致品质。

Zoomlion Mining Machinery Company possesses globally leading intelligent production lines featuring smart, environment-friendly and internationalized technologies, covering high-end machinery for the full process of open-pit mining, including "drilling, digging, loading, hauling and crushing". Built with advanced processing and assembly techniques and rigorous quality control, each machine delivered embodies the highest level of quality.

ZOOMLION

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Note: Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment.



ZOOMLION MINING DUMP TRUCK

中联重科矿用自卸车
ZT135G (MT)



ZOOMLION

VISION CREATES FUTURE

ZT135G, 非公路自卸车是中联重科股份有限公司的主打产品, 选用玉柴YCK16775-T300, 大功率发动机, 搭载8档MT手动变速箱, 标配大容量货厢, 运输效率高。采用复合角焊缝式箱型截面车架、前后桥均为油气悬架、全液压转向、U形货厢结构、全钢子午轮胎, 驱动型式为6x4。

ZT135G, Off road dump trucks are the flagship product of Zoomlion Heavy Industry Science and Technology Co., Ltd. They are equipped with Yuchai YCK16775-T300, a high-power engine, an 8-speed MT manual transmission, a large capacity cargo compartment as standard, and high transportation efficiency. Adopting a composite fillet welded box section frame, both front and rear axles are equipped with oil and air suspension, fully hydraulic steering, U-shaped cargo compartment structure, and all steel radial tires, with a driving type of 6x4.



发动机功率:
Engine Rated Power:
570 kW

额定载重:
Rated Payload:
92000 kg

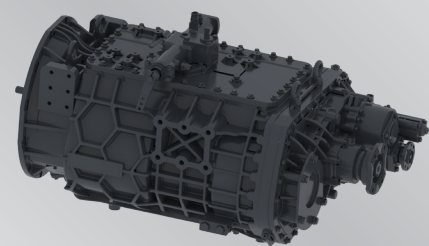
整备质量:
Curb Weight:
45000 kg

车厢容量 (标配):
Body Capacity (standard):
55m³

CONFIGURATION & EFFICIENCY

配置与效率

动力系统 POWER SYSTEM

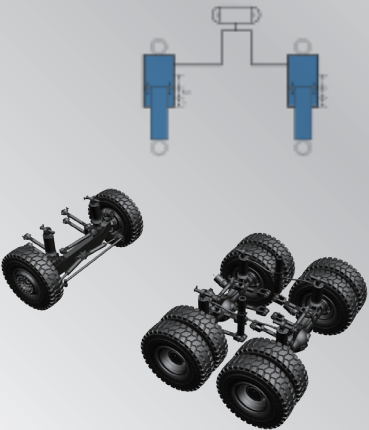
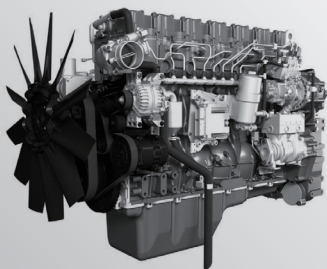


采用 Z8S330A 变速器，输入扭矩 3300N · m 以上。此变速箱采用高安全系数设计，壳体、齿轮强度高，采用主动润滑以提升齿轮寿命和综合传动效率，满足矿山恶劣工况需求。

Adopt Z8S330A transmission with input torque above 3300N·m. This gearbox is designed with a high safety factor, and its housing and gears are of high strength. It uses active lubrication to increase gear life and overall transmission efficiency, meeting the needs of harsh working conditions in mines.

玉柴 16L 大马力电控高压共轨发动机，额定输出功率 570kW；最大扭矩 3200N.m 自除尘反吹式空滤，无需人工吹扫滤芯；电控散热风扇，大功率并联式散热器，整车散热能力强；供油系统三级过滤，充分保护发动机及高压共轨喷射系统。

The Yuchai 16L high-horsepower electronically controlled high-pressure common rail engine boasts a rated power output of 570 kW and a maximum torque of 3200 N.m. With the auto dust removal air filter, no human labor is required. The electrically controlled cooling fans and the high-power parallel radiator deliver supreme cooling capability. The three-stage filter for the fuel supply system fully protects the engine and the high-pressure common rail injection system.



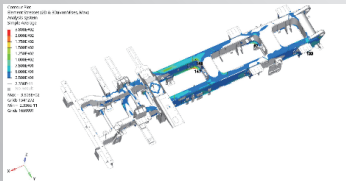
突破双桥悬缸贯通技术，解决中后桥轮胎打滑行业难题。可调车身高度、悬挂刚度，阻尼特性，适应不同路面。

The cutting-edge integrated dual-axle air suspension system solves the industry-wide problem of rear axle tire slippage. The machine body height, suspension stiffness, and damping characteristics are all adjustable for different road surfaces.

大截面、高腹板箱型车架，抗扭能力提升 20%，极限工况主要部位安全系数 >3.5。结构件寿命 >5 年，提高出勤率，减少维保费用。

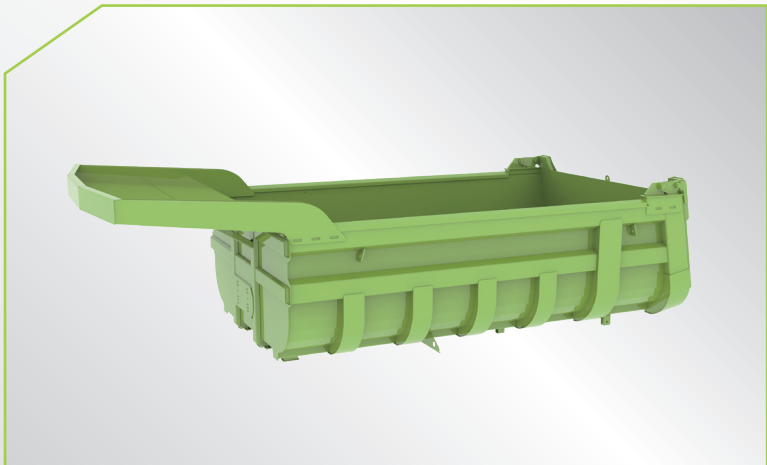
The large-section box-shaped frame with high web improves torsion resistance by 20%, delivering a safety factor of over 3.5 for the main parts under extreme conditions.

The structural parts has a service life exceeding 5 years, which extends uptime and reduces maintenance costs.



SAFE AND RELIABLE

安全可靠



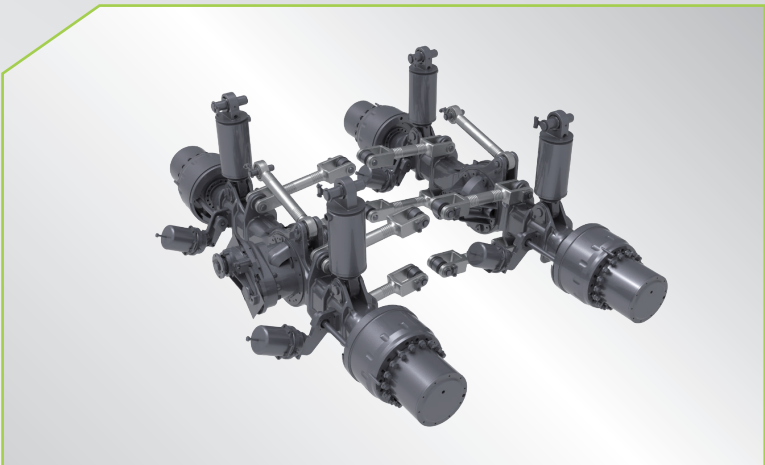
U型骨架结构提高防砸、抗开裂能力，强度提高15%。
骨架结构重量轻，较传统货箱轻10%。
不易粘料，U型弧面卸料更快。
安全性能好，U型厢弧面有助于转向时关注轮胎动向。

The U-shaped skeleton structure improves the anti-smashing and anti-cracking ability, with a strength increase of 15%.

The skeleton structure is light-weight, 10% lighter than traditional bodies.

The U-shaped curved surface is resistant to sticking and allows for faster unloading.

The U-shaped design of the body offers an expanded field of vision for observing tire movement during turns, enhancing safety.



全油气悬挂，弹簧刚度可变，抗装料冲击，故障少，提升整车驾驶舒适度及可靠性。
中、后悬架采用油气分离式平衡悬挂，可减少复杂路面对整车的冲击。

The full hydro-pneumatic suspension enables variable spring stiffness, impact resistance to material loading and fewer faults, thus improving driving comfort and reliability.

The intermediate and rear suspensions adopt a gas-oil separated balance design, which reduces the impact of complex road surface on the machine.



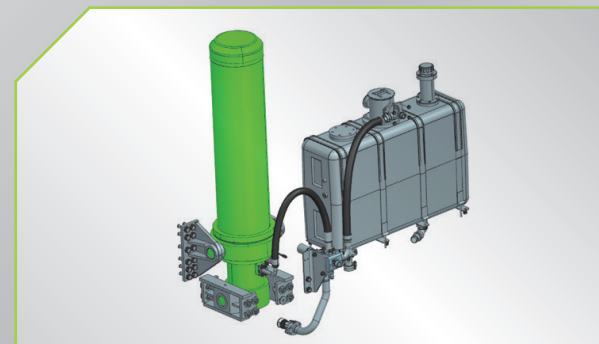
COMFORTABLE CONTROL

舒适操控



偏窄体驾驶室视野开阔，驾驶室采用加厚的钢板与橡塑海绵组成的复合式底板结构，隔音降噪。

The offset narrow body cab offers an expansive field of vision. It features a composite bottom plate design made from reinforced steel plates and rubber sponge, which helps minimize noise.



举升系统为单缸前举式，成熟可靠。液压系统采用大流量液压泵+大功率阀组策略，举升时间<30s；系统油温控制在78℃以下。

The single cylinder front lift system is mature and reliable. The hydraulics adopts a large-flow hydraulic pump and a high-power valve group, with lifting time less than 30s and system temperature controlled below 78°C.



配备液晶组合仪表和行车电脑，实时显示车辆运行状态；多媒体一体机具备收音机、蓝牙、GPS、倒车影像、USB扩展功能；

The LCD instrument cluster and on-board computer display the machine status in real time. The all-in-one multimedia system features radio, Bluetooth, GPS, reversing camera, and USB expansion functionality.

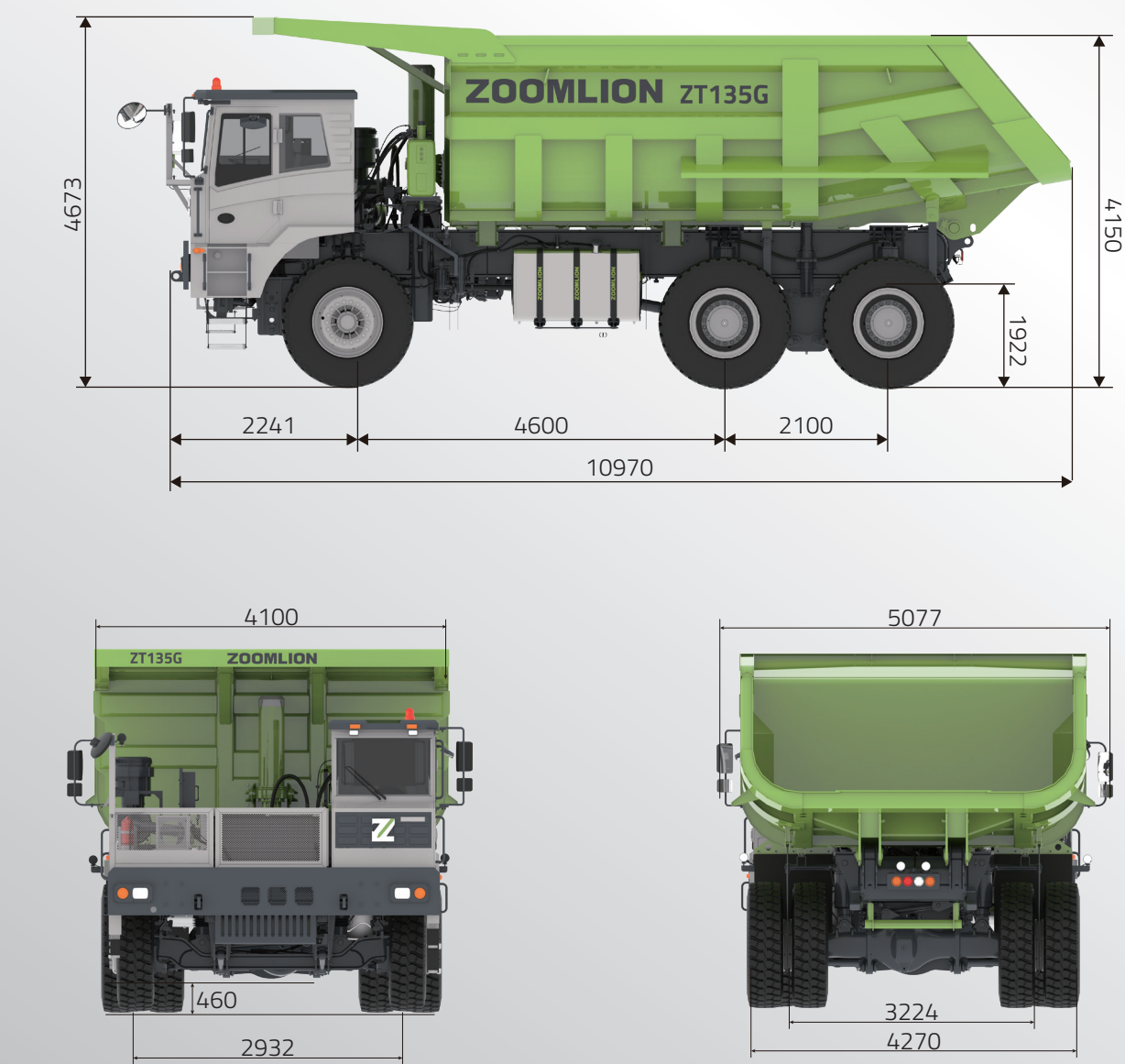


标配一键急停开关：紧急情况下一键停机，保护人员和设备安全。

The standard emergency stop button allows for an immediate shutdown in emergencies, ensuring the safety of both personnel and equipment.

TECHNICAL PARAMETERS

参数



主要参数 Main Parameters	单位 Unit	数值 Value
整备质量 Curb weight	t	45
额定载重 Rated payload	t	92
最高车速 Max. speed	km/h	40
最大爬坡度 Max. gradeability	%	38
最小转弯半径 Min. turning radius	m	13
桥荷 Axle payload	t	41+50+50
转向系统 Steering system	/	全液压 Fully hydraulic
轮胎 Tires	/	480/95R29
发动机型号 Engine model	/	YCK16775
排放 标准 Emission standard	/	China Non-Road Stage IV
发动机排量 Engine displacement	L	15.939
额定功率 Rated power	kW	570
最大扭矩 Max. torque	N·m/rpm	3200/1100-1500
变速箱型号 Transmission model (MT)	/	Z8S330A
货厢容积（平装） Capacity (Struck)	m³	55
货厢容积（堆装2:1） Capacity (Heaped 2:1)	m³	66

系统 System	配置项 Features		ZT135G
动力系统 Power system	发动机 Engine		玉柴15.93L Yuchai 15.93L
	发动机排放 Engine emission		国四 NR4
	功率(kW/rpm) Power (kW/rpm)		570/1900
	三级柴油滤清器 Three-stage diesel filter		●
	空气滤清器 Air filter		●反吹式空气滤清器 Backblowing air filter
	货厢排气加热 Body exhaust heating		●
	燃油箱 Fuel tank (选一项) (Select one)	双腔1000L Dual-chamber 1000L	○
		单腔1000L Single-chamber 1000L	●
电气系统 Electrical system	消音器 Muffler		●
	倒车报警器 Backup alarm		●
	急停开关 Emergency stop button		●
	24V电源接口 24V Power port		●
	监控+娱乐 (选一项) Monitoring+ entertainment (Select one)	娱乐 Entertainment	●多媒体屏 Multimedia screen
		后视摄像头 Rearview camera	○倒车影像+多媒体屏 Reversing video camera +multimedia screen
		前后左右摄像头 Cameras (Front, rear, left and ri ht)	○四路监控+多媒体屏 Four channel monitoring+multimedia screen
	行车照明灯 Roothing lighting		●
	驾驶室顶旋转警示灯 Rotating beacon on the cab top		●
	倒车工作照明灯（左右后） Backup lighting (Left, right and rear)		●
	前后雾灯 Fog lights (Front and rear)		●
	GPS GPS		●
	蓄电池 Battery		180Ah*2
液压系统 Hydraulics	举升缸(单缸前举) Lift cylinder (single cylinder front lift)		●
	全液压转向 Full hydraulic steering		●
	应急转向系统 Emergency steering system		●
	应急举升系统 Emergency lifting system		●

● 标配 Standard
○ 选配 Optional

分类 Category	配置项 Features		ZT135G
传动系统 Drive train	变速箱 Transmission	手动挡（MT） Manual transmission （MT）	●Z8S330A变速箱 Z8S330A gearbox
		车桥 Axle	中联重科 41t+50t+50t ZOOMLION 41t+50t+50t
	轮胎 (选一项) Tire (Select one)		●前后:480/95R29-302MAX Front and rear: 480/95R29-302MAX
			○前后:480/95R29-耐热型 Front and rear: 480/95R29-耐热型
			○前后:480/95R29-硬质矿 Front and rear:480/95R29-硬质矿
	免润滑传动轴 Lubrication-free drive shaft		●
制动系统 Braking system	行车制动器 Service brake		●前、后独立双回路气控制 ●Front and rear independent dual-circuit air control
	驻车制动器 Parking brake		●鼓式制动器 Drum brake
	液力缓行 Hydraulic retarder		●
	缸内制动 Engine brake		●
货厢总成 Body assembly	AI组合制动 AI-integrated brake		●
	货厢 (选一项) Body (select one)	有尾门货厢-短帽檐 Tailgate-short overhung	○平装55m³，堆装66m³ Struck 55m³， Heaped 66m³
		有尾门货厢-长帽檐 Tailgate-long overhung	○平装55m³，堆装66m³ Struck 55m³， Heaped 66m³
		无尾门翘尾货厢-短帽檐 No tailgate-short overhung	○平装55m³，堆装66m³ Struck 55m³， Heaped 66m³
		无尾门翘尾货厢-长帽檐 No tailgate-long overhung	●平装55m³，堆装66m³ Struck 55m³， Heaped 66m³
		轮胎防护板 Tire guard	○

● 标配 Standard
○ 选配 Optional

分类 Category	配置项 Features		ZT135G
驾驶室 Cab	偏置窄体左驾驶室 Narrow body left-hand drive cab		●
	FOPS		●
	0.5kg灭火器 0.5kg fire extinguisher		●
	座椅(选一项) Seat(select one)	机械悬浮座椅 Mechanic suspension seat	●
		空气悬浮座椅 Air suspension seat	○
	冷暖空调 Air conditioner (cool & warm)		●
	逃生锤 Emergency hammer		●
	7寸液晶仪表 7-inch LCD instrument		●
	玻璃除霜 Glass defrosting		●
	三点式安全带 Three-point seat belt		●
覆盖件 Covering parts	后排座椅 Rear seat		●
	打石器 Rock ejector		●
	10kg灭火器 10kg fire extinguisher		○
	发动机右侧挡泥板总成 Engine right fender assembly		○
	发动机左侧挡泥板总成 Engine left fender assembly		○
悬挂系统 Suspension system	轮挡 Wheel chock	铁质 Iron	○
		橡胶 Rubber	○
其他 Others	前悬架 Front suspension		●油气悬架 Hydro-pneumatic suspension
	后悬架 Rear suspension		●油气悬架 Hydro-pneumatic suspension
通用选装配置 General Optional Configuration	随车工具(五配一) Attached tools (one set for five vehicles)		●
	制动喷淋系统 Automatic sprinkler system		○
	自动灭火系统 Automatic fire extinguishing system		○
	驾驶员疲劳监控系统 Driver fatigue dection system		○
	涂装定制 Customized painting		○
	高压接近报警 High voltage proximity alarm		○

● 标配 Standard
○ 选配 Optional

分类 Category	配置项 Features		ZT135G
通用选装配置 General Optional Configuration	防护栏 Guardrails	燃油箱护栏总成 Fuel tank guardrail assembly	○
		前防撞梁总成 Front bumper beam assembly	○
		蓄电池护栏总成 Battery guardrail assembly	○
	驾驶室制氧机 Cab oxygen generator		○
	集中润滑系统 Centralized lubrication system		○
	智能称重系统 Intelligent weighing system		○
	一条备胎(含轮辋) One spare tire (including rim)		●
	无线电台 Radio station		○
	急救包 First-aid kit		○
低温区选配包 (使用环境≥-20℃) Cold areas optional package(Ambient temperature ≥-20℃)	冷启动系统 Cold start system	高原版 Highland version	○
		平原版 Plain version	○
	低温液压油 Low-temperature hydraulic oil		○
	燃油电加热模块 Electric fuel heater module		○
极寒区选配包 (使用环境≥-40℃) Extreme cold areas optional package (Ambient temper ature ≥-40℃)	冷启动系统 Cold start system	高原版 Highland version	○
		平原版 Plain version	○
	燃油电加热模块 Electric fuel heater module		○
	驾驶室加热 Cab heating		○
	低温蓄电池 Low-temperature battery		○
	超低温液压油 Ultra-low temperature hydraulic oil		○
	低温液压胶管 Low-temperature hydraulic rubber hose		○
高温区选配包 (使用环境≥40℃) High-temperature areas optional package (Ambient temperature ≥40℃)	耐热型轮胎 Heat-resistant tire		○
	68号液压油 68 Hydraulic oil		○
	85w-140齿轮油 85w-140 Gear oil		○
高原配置包 Highland package	膨胀水箱压力盖 Expansion tank pressure cap		○
	高原版发动机 High-altitude engine		○
	高原燃油泵 High-altitude fuel pump		○
沙漠/泥泞套件 Desert/Mud package	轮胎履带 OTT track		○

● 标配 Standard
○ 选配 Optional