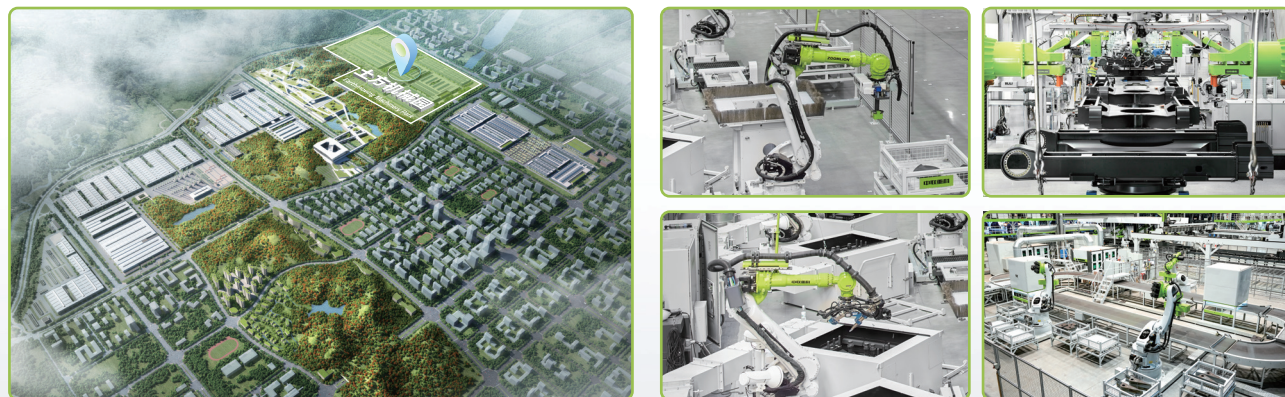


# 科技中联, 匠心相伴 ZOOMLION TECHNOLOGY WITH INGENUITY AND CARE



全球领先的挖掘机智能制造工厂

The world's leading excavator intelligent manufacturing factory

中联智慧产业城土方机械园区拥有行业领先的智能化、柔性化的挖掘机工厂, 从一块钢板到一台挖掘机, 以高精度的焊接工艺、高可靠的装配工艺、高级别的涂装工艺和严苛的品质管控, 让每一台交付的挖掘机都具备极致品质。Zoomlion Smart City Earthmoving Machinery Park is an industry-leading intelligent and flexible excavator factory. From a piece of steel plate to an excavator, with high-precision welding process, highly reliable assembly process, high-level coating process and strict quality control, each excavator is delivered with ultimate quality.

ZOOMLION

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



# 中联重科6吨级 履带式液压挖掘机

ZOOMLION 6-TONNAGE CRAWLER  
HYDRAULIC EXCAVATOR

ZE60G / ZE60GA



ZOOMLION





发动机功率：  
ENGINE POWER:  
**ZE60G: 36.2kW @ 2100 rpm**  
**ZE60GA: 36.8kW @ 2200 rpm**

操作重量：  
OPERATING WEIGHT:  
**6050 kg**

铲斗容量：  
BUCKET CAPACITY RANGE:  
**0.1~0.23 m<sup>3</sup>**



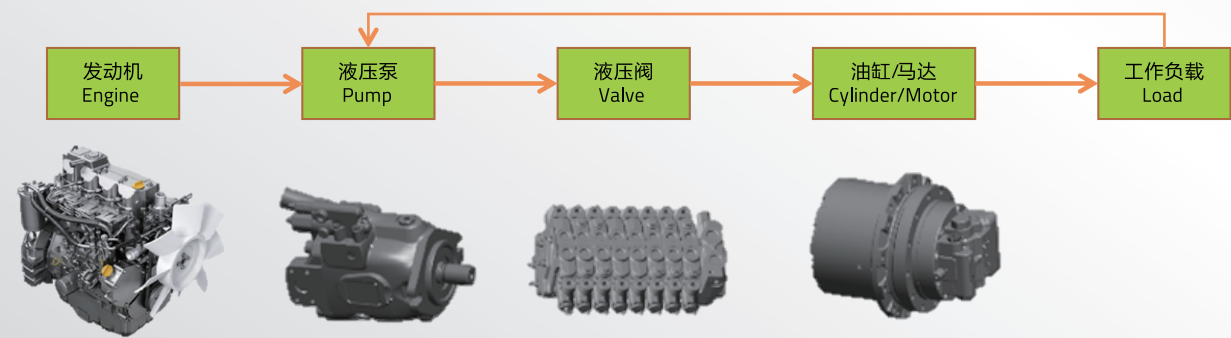
# 节能高效

## ENERGY SAVING & HIGH EFFICIENCY

### 定制化低压损负载敏感液压系统 CUSTOMIZED LOAD SENSING HYDRAULIC SYSTEM WITH LOW PRESSURE LOSS

通过对主泵功率匹配，使发动机工作在经济区间；  
二级自动怠速，实现不作业时转速低，油耗低；  
细化工作模式，根据负载，动态控制主泵排量；  
采用大截面管路，降低系统压损，实现省油。

The engine works in the economic zone by matching with the power of the main pump;  
Two-stage auto idle to achieve low speed when not working, so reducing fuel consumption;  
Multiple working modes are selectable, and the pump displacement can be dynamically controlled according to the load;  
Large diameter hoses and tubes are used to reduce system pressure loss and save fuel.



### 操控精准 PRECISE CONTROL



叠酒杯表演  
Wine glass stacking by excavator

多执行机构变负载流量精准分配，使复合动作更协调；液阻网络与液压系统的动态响应匹配，减少动作冲击；完美的先导手柄启停特性，使动作的微控性能更好。

Accurate flow distribution for multi-actuator variable load brings more coordinated simultaneous motions. Dynamic response matching between liquid resistance network and hydraulic system lowers motion impact. Perfect start and stop features of the pilot joysticks offer better micro-positioning control performance.



投篮表演  
Basketball shooting by excavator

### 适应性强 VERSATILE



标配0.23m³大容量铲斗，提供更高效率的作业能力。  
The standard 0.23m³ large-capacity bucket provides more efficient work capacity.



选配0.1m³窄斗（宽度400mm），挖沟作业效率更高。  
The optional 0.1m³ narrow bucket (width 400mm) provides higher efficiency in trenching application.



可选三角破碎锤，钎杆直径68mm，适用于路面破碎等工况。  
Optional side-mount hammer with a 68mm diameter tool, which can be used for road breaking and other applications.

### 大回转扭矩 LARGE SWING TORQUE



同级别优秀的回转扭矩，回转更强劲，有效确保复合作业效率。  
Excellent swing torque among the same tonnage excavators offers more powerful swing motion, thus effectively ensuring the efficiency of simultaneous motions.

### 铰点优化设计 OPTIMAL DESIGN OF HINGE POINTS



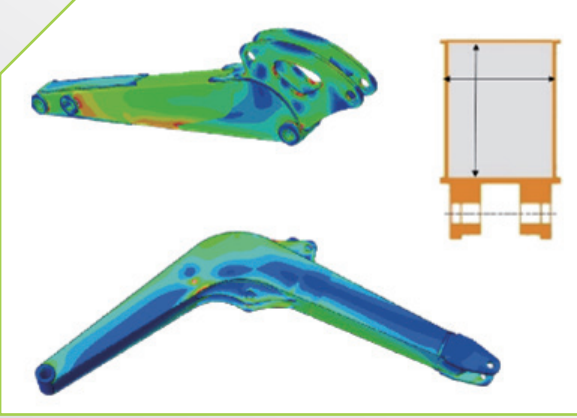
通过大量模拟计算，最优化铰点设计，优化传动效率，提高作业效率的同时降低油耗。  
Through large amount of simulation calculations, design of hinge points is optimized with improved transmission efficiency. As a result, working efficiency is improved and fuel consumption is reduced.



# 可靠耐久

## RELIABLE & DURABLE

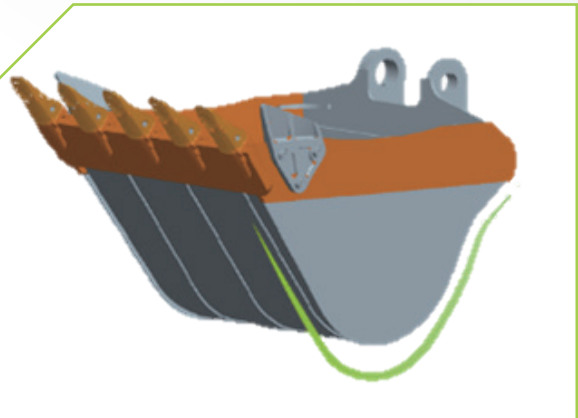
### 加强型结构件 REINFORCED STRUCTURAL COMPONENTS



工作装置采用大截面设计，对动臂、斗杆的关键部位特别强化，承载能力更强，恶劣工况适应能力更强。

The working equipment are designed with large cross-section, and the key parts of the boom and arm are especially strengthened. So, the bearing capacity and the adaptability to harsh working conditions are stronger.

### 减阻耐磨铲斗 CUTTING RESISTANCE REDUCED AND WEAR PROOF BUCKET



最佳切削角度设计，降低阻力，采用专用耐磨板，铲斗寿命提高40%

The optimal cutting angle design reduces resistance. Service life of the bucket is prolonged by 40% by using the special wear-resistant steel plate.

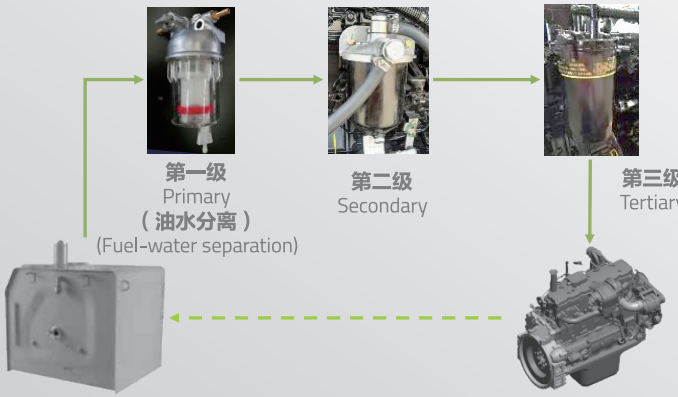
### 托链轮革新化设计 CARRIER ROLLER INNOVATIVE DESIGN



采用支重轮代替拖链轮，两端固定，更加牢固，更加耐用。

The carrier roller is replaced by track roller. It's more firm and more durable being fixed at both ends.

### 三级燃油过滤 THREE-STAGE FUEL FILTERS



多重保障，精心保护发动机，延长发动机寿命。

The engine fuel system is protected carefully with multiple filters, so the engine service life is extended.

# 安全舒适

## SAFE AND COMFORTABLE



驾驶室操作空间大，大面积环绕玻璃，玻璃透光率大于51%；通过TOPS认证，更安全。

The cab is spacious with large area of glass surrounded. The light transmittance of the glass is greater than 51%; Safer with TOPS certification.



配置悬浮座椅，提供舒适的驾乘体验

Suspension seat provides a high level of operator comfort.



5.7寸屏显示器搭载全新的人机交互界面。

The 5.7-inch monitor features a new human-computer interface.



硅胶按钮，集中布置，相比翘板开关，操作更舒适；CAN总线收音机、USB、蓝牙等功能一应俱全。

Silicone buttons are positioned centralized, and the operation is more comfortable compared to the rocker switches; CAN bus radio, USB, Bluetooth and other functions are available.



# 保养便捷

## CONVENIENT MAINTENANCE



燃油滤和机油滤保养  
Maintenance of fuel filters  
and engine oil filter



黄油桶放置架  
Grease barrel rack



尾罩  
Rear cover



前罩  
Front cover



空滤保养  
Maintenance of air filter



黄油润滑  
Grease lubrication

# 客户服务

## CUSTOMER SERVICE



中联重科的愿景是“思想构筑未来”。这不仅仅是一句简单的口号，而是超越客户期望的不可动摇的决心。中联重科一直秉持这一理念，并在为客户所做的每一件事中努力践行这一理念。我们为客户提供的服务是想客户所想，急客户所急。

Zoomlion's slogan is "Vision creates future". It is not just a simple slogan, but an unshakable determination to exceed our customer's expectations. Zoomlion has always upheld this belief and tries to implement it in everything that we do for customers. The service we offer to customers is to think about what they think about and worry about what they worry about.

中联重科承诺，一旦您选择了我们，我们将随时做好响应准备，在任何时间、任何地点第一时间到达并提供解决方案。

Zoomlion promises that once you choose us, we are ready to respond with the first arrival and solution any time, anywhere.

中联重科随时提供各种服务内容、专业服务团队、全球服务网络和系统化的技术支持，无论您身处世界何时何地，均可应您的要求提供有效的响应和解决方案。

Various service content, professional service teams, global service networks and systematic technical support are readily available from Zoomlion for an effective response and solution upon your request no matter where you are in the world and what time it is.

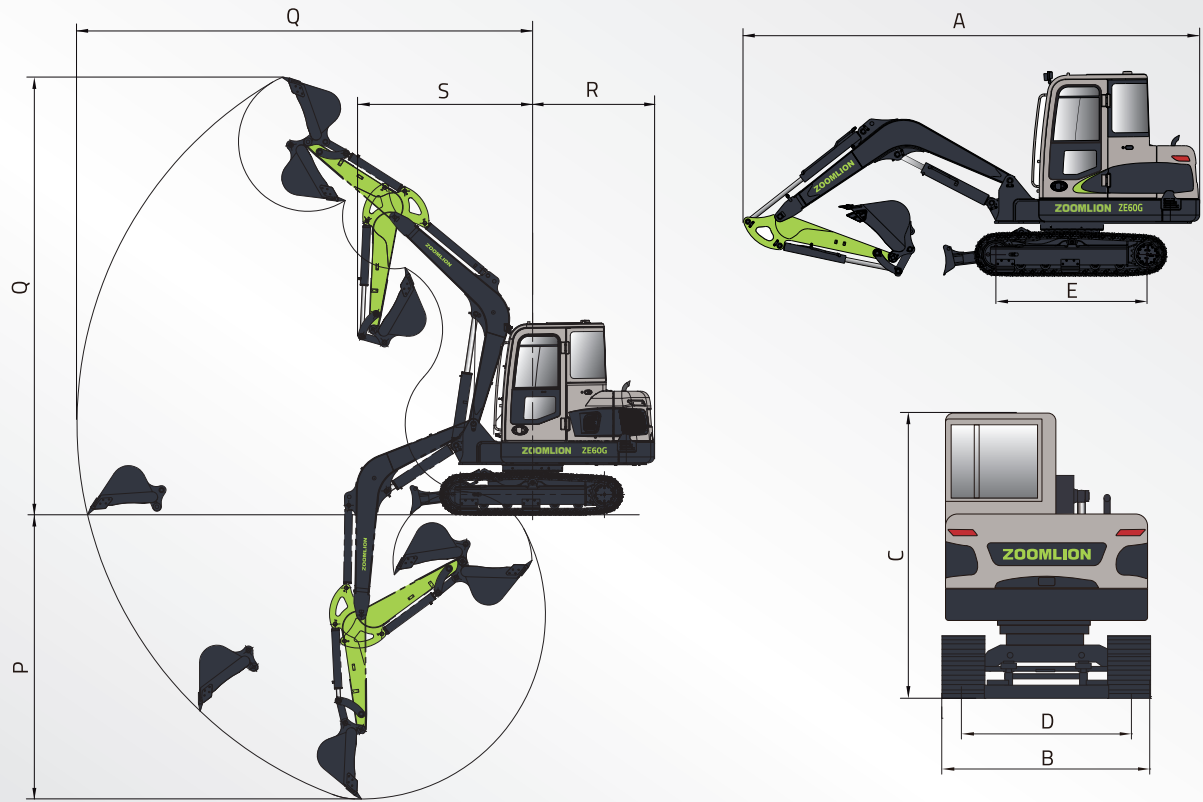


技术参数

TECHNICAL SPECIFICATIONS

		ZE60G	ZE60GA
发动机    ENGINE			
品牌    Brand	洋马    Yanmar		潍柴    WEICHAI
型号    Model	4TNV94L		WP3.2G50E430
额定功率    Rated power	36.2kW @ 2100rpm		36.8kW @ 2200rpm
排量    Displacement	3.054 L		3.17 L
液压系统    HYDRAULIC SYSTEM			
主泵    Main pump	斜盘式变量柱塞泵 最大流量：154.8L/min		Swash plate variable displacement piston pumps Maximum flow: 154.8 L/min
最大压力 - 工作油路    Maximum pressure - Equipment	24.8 MPa		
最大压力 - 回转油路    Maximum pressure - Swing	21.6 MPa		
最大压力 - 行走油路    Maximum pressure - Travel	24.8 MPa		
最大压力 - 先导油路    Maximum pressure - Pilot system	3.5 MPa		
上车平台    UPPER FRAME			
最大回转速度    Maximum swing speed	10.8 r/min		
最大回转扭矩    Maximum swing torque	12 kNm		
底盘结构    UNDERCARRIAGE			
托链轮数量（每侧）    Number of carrier rollers (each side)	1（双侧支撑支重轮式）		1(Two sides supported track rollers)
支重轮数量（每侧）    Number of track rollers (each side)	5		
夹轨器数量（每侧）    Number of track guide (each side)	1		
行走速度（高）    Travel speed (high)	4.2 km/h		
行走速度（低）    Travel speed (low)	2.3 km/h		
最大牵引力    Maximum drawbar pull	50.2 kN		
爬坡能力    Gradeability	70%		
维护保养加注容量    SERVICE REFILL CAPACITIES			
燃油箱容积    Fuel tank	95 L		
发动机冷却液    Engine coolant	10 L		
发动机油    Engine oil	12 L		
行走装置（每侧）    Final drive (each side)	1.2 L		
液压系统    Hydraulic system	95 L		
液压油箱    Hydraulic tank	60 L		
工作装置    WORK EQUIPMENT			
动臂长度    Boom length	3000 mm		
斗杆长度    Arm length	1550 mm		

	ZE60G	ZE60GA
整机尺寸 OVERALL DIMENSIONS		
A 总长度 A Overall length	5880 mm	
B 总宽度 B Overall width	1900 mm	
C 总高度 C Overall height	2628 mm	
D 履带轨距 D Track gauge	1500 mm	
E 履带轴距 E Length of track on ground	1950 mm	
作业范围 WORKING RANGE		
O 最大挖掘高度 O Maximum digging height	5790 mm	
P 最大挖掘深度 P Maximum digging depth	3850 mm	
Q 最大挖掘距离 Q Maximum digging reach	6160 mm	
R 尾部回转半径 R Tail swing radius	1700 mm	
S 前部最小回转半径 S Front minimum swing radius	2400 mm	





标配&选配

STANDARD & OPTIONAL FEATURES

分类Category	配置项Features	ZE60G	ZE60GA
动力系统 Powertrain	空气滤清器 Air cleaner	●	●
	旋流式空气预滤器 Swirl type air pre-cleaner	●	×
液压系统 Hydraulic system	破碎管路 Hammer plumbing	○	○
驾驶室 Cab	顶防护 Top guard	○	○
	灭火器 Fire extinguisher	●	●
	机械悬浮座椅 Mechanical suspension seat	●	●
	冷暖空调 Air conditioner	●	●
	遮阳帘 Sunshade curtain	○	○
下车 Undercarriage	400mm履带 400mm track	●	●
	600mm履带 600mm track	○	○
电气 Electrical system	声光报警器 Acousto-optic alarm	○	○
	急停开关 Emergency stop	○	○
	12V电源接口 12V DC outlets	●	●
	驾驶室前顶灯 Cab front light	●2个 2pcs	●2个 2pcs
	动臂工作灯 Boom light	●1个 1pc	●1个 1pc
	燃油加注泵 Refilling pump	○	○
	GPS	●	●
	AM/FM收音机 AM/FM radio	●	●
属具 Attachments	三角破碎锤 Side-mount hammer	○	○
	机械快换装置 Mechanical quick coupler	○	○

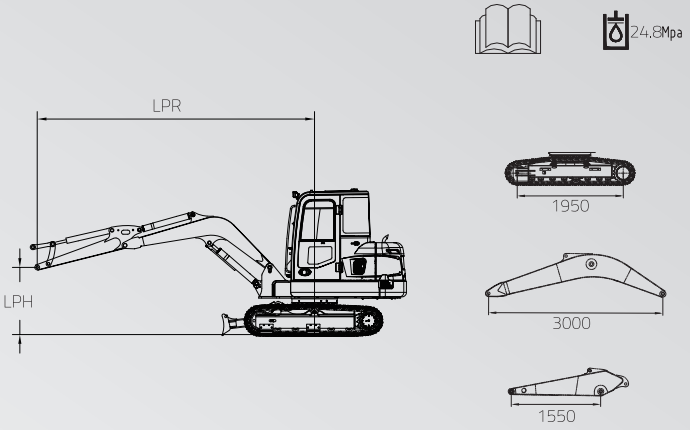
● 标配 Standard    ○ 选配 Optional    × 不可选 Not available

起吊能力表

LIFT CAPACITY

在规定的起吊点半径和高度下，不要起吊大于额定值的负载。  
Do not attempt to lift or hold any load that is greater than these rated values at their specified lift-point radius and height.

起吊点位于斗杆与铲斗连接的销轴孔中心。  
The lift point is located at the centreline of the bucket pivot mounting pin on the arm.



LPH	额定起吊能力 ( kg ) Rated lift capacity (kg)					
	LPR					
	3.0m		4.5m		最大半径    Maximum LPR	
m	纵向 End	侧向 Side	纵向 End	侧向 Side	纵向 End	侧向 Side
4.5					*950	*950
3.0			*1510	1050	*860	820
1.5	*2310	1780	1850	990	*940	810
0	2290	1670	*2520	950	*1230	820
-1.5	*2240	1670			*2320	1040
-3.0						

标有星号(\*)的值受液压能力限制,见注1。  
Capacities marked with an asterisk (\*) are limited by hydraulic capacities. See Note 1.

- 吊索和任何辅助起吊装置的重量应从额定载荷中扣除，以确定可提升的净载荷。  
The mass of slings and any auxiliary lifting devices shall be deducted from the rated load to determine the net load that may be lifted.
- 起吊能力是基于机器位于坚实的，均匀的支撑表面，使用者应考虑到松软或不平整的地面等工作条件。  
Lift capacities are based on the machine standing on a firm, uniform supporting surface. The user shall make allowances for job conditions such as soft or uneven ground.
- 操作人员在操作机器前，应充分熟悉制造商提供的操作手册和安全手册。  
The operator should be fully acquainted with the *Operator's Manual* and the *Operating Safety Manual* furnished by the manufacturer before operating the machine.

- 注1：所示的起吊能力不超过最小倾翻载荷的75%或液压能力的87%。  
NOTE 1 Lift capacities shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities.
- 注2：最不稳定的位置在侧面。  
NOTE 2 The least stable position is over the side.
- 注3：起吊能力仅适用于制造商最初制造并正常配置的机器。  
NOTE 3 Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
- 注4：整机总质量为6050kg，包括400mm的三筋履带、3.0m的动臂、1.55m的斗杆、372kg的配重、所有的工作液体和一个75kg的操作人员。  
NOTE 4 The total mass of the machine is 6050kg. Included in this mass are 400mm triple grouser shoes, 3.0m boom, 1.55m arm, 372kg counterweight, all operating fluids and a 75kg operator.
- 注5：起吊能力符合ISO 10567:2007。  
NOTE 5 Lift capacities are in compliance with ISO 10567:2007.



**VISION  
CREATES  
FUTURE**

