

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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ZOOMLION 800KG SERIES SKID-STEER LOADER

中联重科800kg平台滑移装载机
ZS080V



ZOOMLION

VISION CREATES FUTURE

思想构筑未来

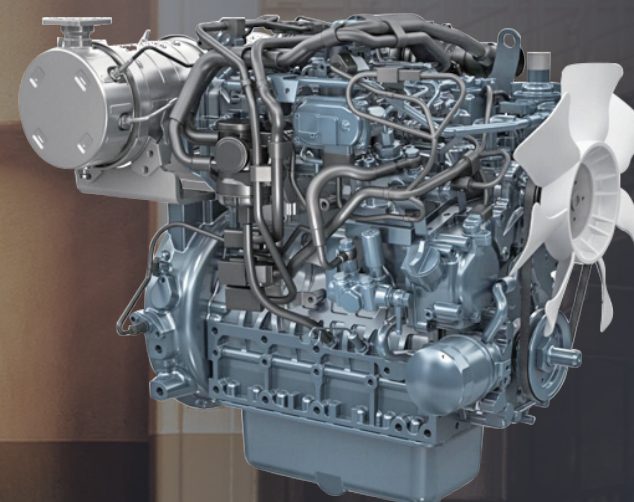


The ZOOMLION skid-steer loaders provide you with outstanding performance, exceptional comfort, ease of maintenance and superior durability.

中联重科滑移装载机为您提供卓越的性能表现、优异的舒适体验、简易的维护保养和杰出的耐用能力。

OUTSTANDING PERFORMANCE

卓越的性能表现



Well-known brand engine 知名品牌发动机

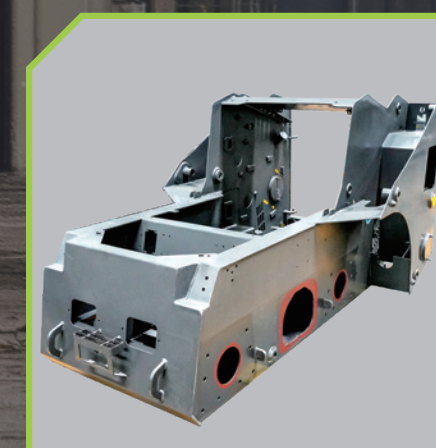
- Ensure full combustion of fuel, improve fuel efficiency and economical efficiency, and reduce engine noise.
- 保证燃油充分燃烧，提高燃油效率和经济性，同时降低发动机噪音。

Strong power 动力强劲

- Powerful and reliable 36 kW engine gets the job done with ease.
- 强大可靠的36kW 发动机可轻松完成工作。

Separate working pumps 独立工作泵

- Separate charge pumps and separate gear pumps can effectively reduce heat generation and system pressure, and improve working efficiency by 19%.
- 独立补油泵和独立工作泵，能减少发热量和系统压力，使工作效率提高19%。



Stable structure 结构稳固

- The frame and chassis are designed as a single unit, which greatly improves structural strength and load-bearing capacity.
- 车架和底盘采用整体设计，结构强度和承载能力均大幅提高。



Dual throttle design 双油门设计

- The dual-throttle design adjusts the engine speed according to load changes, reducing power loss and achieving higher fuel economy.
- 双油门设计能根据负载变化调节发动机转速，减少动力损失，实现更高的燃油经济性。

Engine power (功率) : 36 kW

Tipping load (倾覆载荷) : 1,674 kg

Operating weight (操作重量) : 2,860 kg

Bucket breakout force (铲斗掘起力) : 18.5 kN

Rated Operating Capacity (ROC) (额定装载量) : 837 kg

EXCELLENT ADAPTABILITY

优秀的适应性

High ground clearance for greater departure angle

离地间隙高，离去角更大

With a high ground clearance of 201mm and a 25° departure angle, the ZS080V easily crosses large obstacles, allowing it to drive on more rugged surfaces and work in more complex environments.

凭借 201 毫米的高离地间隙和 25° 的离去角，ZS080V 可轻松跨越大型障碍物，在更崎岖的路面上行驶，并在更复杂的环境中工作。



Standard heavy-duty tires

标准重型轮胎

Wear-resistant heavy-duty tires are durable and provide excellent grip and stability. 耐磨重型轮胎经久耐用，具有出色的抓地力和稳定性。

Optional solid tires

可选实心轮胎

Optional solid tires have a longer service life, can be used in extremely complex conditions, and are puncture-resistant to avoid air leakage problem. 选配实心轮胎具有更长的使用寿命，适用极端复杂工况，防穿刺，避免漏气困扰。

Modular and multi-functional

模块化多功能

ZS080V can fulfill the complex operation requirements in small space; by adapting a variety of different functional attachments, it can meet the requirements of construction, site cleaning, winter snow removal, industrial logistics and other scenarios. ZS080V 能够在狭小空间内完成复杂作业需求；通过适配多种不同功能属具，满足建筑施工、场地清扫、冬季除雪、工业物流等多场景使用需求。



UNIQUE VERTICAL LIFT ARM

独特的垂直升降臂

Unlike the circular trajectory of the radial lifting, the unique linkage structure of vertical lifting technology makes the lifting trajectory of the front end of the working arm to be approximately vertical, which reduces the frequent forward and backward movement of the machine, and allows unloading to be completed in-situ, which gives a greater advantage to loading and unloading of materials in narrow indoor spaces, such as warehouses and in-building constructions.

区别于运动轨迹为圆弧的径向举升，垂直举升技术独特的连杆结构可以使工作臂前端的升降轨迹近似于垂直，这减少了机器频繁的前进和后退，原地即可完成卸料作业，在室内狭窄空间进行物料装运时更具优势，如仓储和楼内施工等。



Travel speed

行驶速度

Standard 11km/h speed [maximum travel speed] can meet the need for fast run. 标准 11km/h 速度 [最大行驶速度] 可满足快速行驶的需要。

The maximum dump reach is **790 mm**.
最大卸载距离为 790mm。

The maximum dump height is **2,377 mm**.
最大卸载高度为 2,377mm。

The maximum bucket breakout force is **18.5 kN**.
铲斗最大掘起力为 18.5kN。

The maximum height dump angle of **42°** results in faster unloading.
最大倾卸高度角为 42°，卸载速度更快。

The wheelbase of **1,080 mm** makes the working process more stable.
1,080 mm 的轴距使工作过程更加稳定。

STABLE HYDRAULIC SYSTEM

稳定的液压系统

Internationally renowned brand core parts

国际知名品牌核心零部件

Hydraulic core parts adopt an internationally renowned brand, which provides a more stable hydraulic system. 液压核心部件采用国际知名品牌，液压系统更稳定。

Internationally available flow interfaces for attachment

国际通用的连接流量接口

Standard 1/2-inch male and female connectors and 3/8-inch male connectors.

标准 1/2 英寸外螺纹和内螺纹连接器以及 3/8 英寸外螺纹连接器。

Optional high-flow attachment system

可选大流量属具系统

With the option of a high-flow system, the attachment flow system has been increased from 76 L/min to 118 L/min to provide strong support for attachment work.

ZS080V可选配大流量系统，属具流量系统从76L/min增加到118 L/min，为属具工作提供强有力的支持。

Optional automatic levelling system

可选自动调平系统

No need to manually adjust the angle during operation to maintain the attachment position when lifting the attachment.

无需在操作过程中手动调整角度，即可在提升属具时保持属具调平。

EXCEPTIONAL COMFORT

优异的舒适性



Panoramic cab

全景驾驶室

The field of vision is improved by more than 50% and lateral blind spots are dramatically reduced. 司机视野范围提升 50% 以上，并且侧向视野盲区大幅减少。



Optional suspension seat

可选悬浮座椅

An even more outstanding suspension seat allows you to maintain an excellent working condition. 更出色的悬浮座椅可让您保持良好的工作状态。



Ample legroom

充足的腿部空间

The spacious cab offers ample legroom to help reduce operator fatigue. 宽敞的驾驶室提供充足的腿部空间，有助于减轻机手的疲劳。



Optional cupholder

可选杯架

A cupholder under the right armrest makes it easy to place a cup of water to quench your thirst while you work. 右侧扶手下的杯架方便您在工作时放置水杯解渴。



Optional air-conditioning configuration

可选空调配置

It provides superior cooling and heating all year round. 卓越的制冷和制热效果。



Reading lamp

阅读灯

A standard reading lamp makes it easy to view and read inside the cab. 标配阅读灯方便驾驶室内部的观察和阅读。



Integrated Instrument

集成式仪表

Integrated instrument allows for real-time display of critical equipment information on the screen. 集成式仪表可做到关键设备信息通过显示屏实时显示。



Pressurized cab

增压驾驶室

The pressurized cab effectively isolates dust, flying debris and insects, and minimizes noise levels. 加压驾驶室可有效隔离灰尘、飞屑和昆虫，最大限度地降低噪音水平。



120W power output

120W 功率输出

With a maximum power output of 120 W, it can charge mobile phones and power other small electronic devices. 最大输出功率为 120 W，可为手机和其他小型电子设备充电。

EXCELLENT SAFETY

杰出的安全性



Optional reversing camera
可选倒车摄像头

Its large display at the front of the cab and the high-definition camera at the rear ensure a complete view of the machine's rear door.
驾驶室前部的大型显示屏和后部的高清摄像头确保了机器后侧的全景。



Optional turn signals and exterior rearview mirrors
可选转向灯和车外后视镜

They do not move with the lift arm, making it easy to observe the situation at the back of the body at any time and keeping you safe.
不会随提升臂移动，便于随时观察车身后部的情况，确保您的安全。



FOPS/ROPS cab
FOPS/ROPS 驾驶室

A cab certified for FOPS/ROPS provides protection in the event of unforeseen rollovers and falling objects.
经 FOPS/ROPS 认证的驾驶室可在发生意外翻滚和高空坠物时提供保护。



Optional cab side guard
可选驾驶室侧防护网
The side guard protects your lateral safety.
侧防护网保护您的横向安全。



Built-in hydraulic lines
内置液压管路
Hydraulic lines are located inside the lift arm for perfect protection of the hydraulic lines.
液压管路位于提升臂内部，可完美保护液压管路。



Optional license plate holder and license plate lamp at the rear end
车尾可选配牌照架和牌照灯
They make it easy to identify your vehicle.
让您更容易识别车辆。

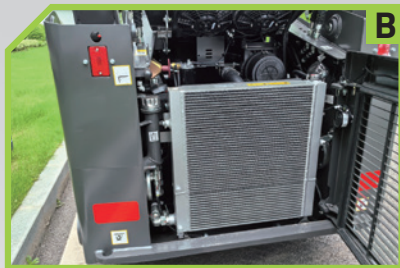
EASE OF MAINTENANCE

简易的维修保养



Interior maintenance
内部维护

The cab can be tilted without raising the arm, facilitating access to the hydraulic pump, multi-way valve and pipelines.
驾驶室可翻转，无需升起工作臂，便于接近液压泵、多路阀和液压管路。



Daily inspections
日常检查

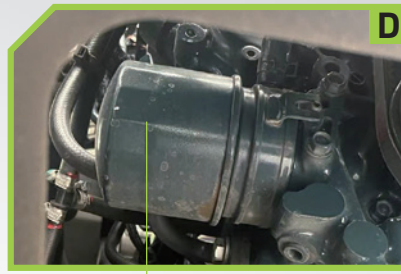
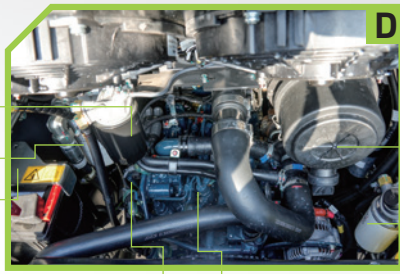
Opening the rear door and the upper cover grants access to all components for daily inspections.
打开后门和上罩可接触到所有部件，以便进行日常检查。



Integrated toolbox
集成工具箱

The toolbox is integrated into the cab floor for easy storage of tools.
工具箱集成在驾驶室地板上，便于存放工具。

- 1 Engine injectors 发动机喷油器
- 2 Engine oil level gauge 发动机机油液位计
- 3 Battery 蓄电池
- 4 Hydraulic oil filter 液压油过滤器
- 5 Fuel filter 燃油过滤器
- 6 Air filter 空气滤清器
- 7 Fuel-water separator 燃油水分离器
- 8 Oil filter 滤油器



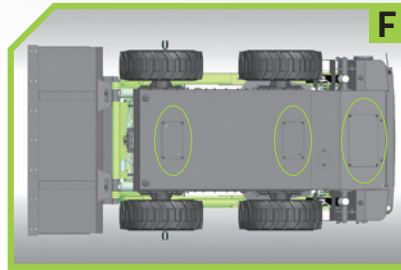
Side-mounted sprocket box
侧置链轮箱

Sprocket boxes arranged on the side facilitate daily maintenance and inspection.
侧面布置链轮箱，日常维护与检修方便。



Mud cleaning port
泥浆清洁口

Two cleaning ports at the front of the cab ensure quick and easy removal of mud and debris from the interior of the cab.
驾驶室前部的两个清洁口可确保快速、轻松地清除驾驶室内部的泥浆和碎屑。



Quick undercarriage cleaning
车底快速清洁

The bottom ensure quick and easy removal of mud and debris from the lower part of the machine.
底部可确保快速、轻松地清除机器下部的泥浆和碎屑。

Integrated instrument enables real-time monitoring of maintenance information
集成式仪表可实时监控维护信息

Long service intervals reduce frequent maintenance, allowing oil changes every 500 hours.
维护周期长，可每 500 小时更换一次机油，有效减少维护次数。

VARIOUS ATTACHMENTS

丰富的属具



- | | | | |
|----------------------------|---------------------------|-------------------|-------------------|
| ▪ Grapple,Root 园林抓斗 | ▪ Scraper 盘式除冰器 | ▪ Mower 割草机 | ▪ Tiller 旋耕机 |
| ▪ Dozer Blade 六路推土机 | ▪ Snow Blower 抛雪机 | ▪ Bale Fork 草垛搬运叉 | ▪ Breaker 破碎锤 |
| ▪ Angle Broom 斜角清扫器 | ▪ Mixing Bucket 混凝土搅拌斗 | ▪ Snow Blade 推雪板 | ▪ Pallet Forks 货叉 |
| ▪ Combination Bucket 四合一铲斗 | ▪ Grapple,Industrial 工业抓斗 | | |

LIST OF OPTIONS

选项清单

Standard Configuration

标配

- Adjustable seat 可调节座椅
- Attachment hydraulic system 属具液压系统
- Mechanical quick change device 机械快换装置
- Reversing alarm 倒车报警
- Hand and foot control mode 手动、脚踏板控制模式
- Horn 喇叭
- 0.4 m³ bucket 0.4 m³ 铲斗
- Integrated instrument 集成式仪表
- Lift arm safety support 举升臂安全支撑
- Front and rear work lamp and driving lamp 前后工作灯和行车灯
- Enclosed cab (meets ROPS and FOPS safety requirements of the CE certification) 封闭驾驶室（符合ROPS和FOPS安全要求的CE认证）
- Safety interlock device 安全互锁装置
- Two-point safety belt 两点式安全带
- Safety bar 安全杆
- Built-in rearview mirror 内置式后视镜
- 10 x 16.5 standard tires 10 x 16.5 标准轮胎
- Universal sign 通用标识
- Floating arm function 动臂浮动功能

Optional Configuration

选配

- Fan heater 暖风机
- Heating and cooling air conditioner 空调
- SSS31x10-20 Solid tires SSS31x10-20 实心轮胎
- Rotating warning lamp 旋转警示灯
- Reversing camera 倒车影像
- GPS 全球定位系统
- Movable blade 活动刀板
- Movable bucket teeth 活动斗齿
- Emergency stop switch 急停开关
- Attachment quick coupling dust cover 属具快速接头防尘套
- Wiring harness for electrical control of attachment 属具电控线束
- Turn signals & exterior rearview mirror 转向灯和车外后视镜
- License plate bracket & license plate lamp 牌照支架&牌照灯
- Hydraulic quick change 液压快换
- Safety hammer 安全锤
- Fire extinguisher 灭火器
- Automatic bucket levelling 铲斗自动调平
- Cab side guard 驾驶室侧防护网
- External counterweight 外挂配重
- High-flow system 大流量系统
- Adjustable suspension seat 可调节悬浮式座椅
- Pre-filter 预滤

MAIN PARAMETERS

主要参数

Item 项目	ZS080V
Model 型号	
Rated Operating Capacity 额定装载量	837 kg
Tipping Load 倾覆载荷	1674 kg
Operating Weight 工作质量	2860 kg
Standard Bucket Capacity 铲斗容量	0.4 m³
Operating Mode 操作方式	Mechanical 机械式
Performance Parameters 性能参数	
Boom Breakout Force (ISO) 动臂掘起力	16.5 kN
Boom Breakout Force (ISO) 铲斗掘起力	18.5 kN
Max. Travel Speed 最大行驶速度	11 km/h
Max Gradeability 爬坡能力	25 °(46 %)
Max. Drawbar Pull 最大牵引力	22 kN
Engine Parameters 发动机参数	
Rated Power 额定功率	36/2700 kW/rpm
Max. Torque 最大扭矩	158.6/1600 N·m/rpm
Displacement 排量	2434 ml
Fuel Tank (Full) 燃油箱	72 L
Coolant (Standard Level) 冷却液 (标准液位)	11 L
Hydraulic System Parameters 液压系统	
Max. Flow (Standard System) 最大流量(标准系统)	76 L/min
Max. Flow (High-flow System) 最大流量(大流量系统)	118 L/min
Traveling System Pressure 行走系统压力	28 MPa
Work Equipment System Pressure 工作装置系统压力	21 MPa
Dimensions 产品尺寸	
Overall Length (With Bucket) 总长(带铲斗)	3364 mm
Overall Width (With Bucket) 总宽(带铲斗)	1725 mm
Overall Height (To Cab Top) 总高(至驾驶室顶部)	1998 mm
Tire Size 轮胎规格	10-16.5 mm

Item 项目		ZS080V
Work Range 工作尺寸和范围		
A	Max. Operating Height 最大操作高度	3826 mm
B	Bucket Hinge Pin Height 铲斗铰接销高度	3039 mm
C	Overall Height (To Cab Top) 驾驶室顶部高度	1998 mm
D	Ground Clearance 离地间隙	201 mm
E	Tail Length 尾部长度	1049 mm
F	Wheel Base 轴距	1080 mm
G	Overall Length (Without Bucket) 不带铲斗长度	2636 mm
H	Overall Length (With Bucket) 带铲斗长度	3364 mm
I	Dump Reach 卸载距离	790 mm
J	Max. Dump Height 最大卸载高度	2377 mm
K	Max. Horizontal Height of Bucket Bottom 铲斗底部最大水平高度	2872 mm
L	Departure Angle 离去角	25°
M	Bucket Tilting Angle at Maximum Height 最大高度处铲斗翻转角	86°
N	Dump Angle at Maximum Height 最大高度处可卸载角度	42°
O	Max. Bucket Retracting Angle at Flat Ground 平地最大收斗角度	24°
P	Tire Edge Width 轮胎边缘宽度	1630 mm
Q	Tread Width 轮距	1356 mm
R	Bucket Edge Width 铲斗边缘宽度	1725 mm
S	Rear Turning Radius 后转弯半径	1689 mm
T	Front Turning Radius (Without Bucket) 前转弯半径 (不带铲斗)	1233 mm
U	Front Turning Radius (With Bucket) 前转弯半径 (带铲斗)	1968 mm

Dimensions and Work Range Diagram

尺寸及工作范围示意图

