

新源挖掘机

XINYUAN EXCAVATOR

工欲善其事
必先利其器

福建新源重工有限公司
FUJIAN XINYUAN HEAVY INDUSTRIES CO., LTD.

公司地址:中国福建省泉州市洛江五金机电产业园
公司电话: 400-992-0077
公司网址: <http://www.fjxyzg.com>

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创新缔造未来
INNOVATION CREATES THE FUTURE

XINYUAN



公司介绍 | Company Introduction

福建新源重工有限公司，始创于1990年，研发制造出国内第一台5吨级360度全回转轮胎式液压挖掘机，现已发展成为一家致力于中小型挖掘机研发制造的现代化企业。三十多年来，新源重工专注于工程机械设备的开发和创新，已获得多项国家发明专利、实用新型专利、外观专利。获得了中国专精特新小巨人企业、福建省高新技术企业、福建省科技小巨人领军企业、福建省制造业单项冠军（产品）企业、泉州市龙头企业等多项荣誉。

建立了工程机械行业先进的数字化工厂，配备世界先进的激光切割设备、机器人自动焊接系统、数控龙门加工中心、轨道式抛丸处理线、机器人自动涂装系统等先进生产设备，实现了主机结构件下料切割、拼装焊接、数控加工、表面处理喷涂的高度自动化生产工艺。公司拥有一支资深的研发团队和经验丰富的管理制造团队，对技术的不断开拓创新，对生产的精益求精，对质量的严格把控，保证了产品的高品质、高可靠性和一致性。

通过规范化、科学化的先进手段，优化管理平台，建立了数字化智能仓储中心，以专业、专心、专注的态度和行动贯穿于每一个环节，为用户提供更优质的服务。

公司产品覆盖5吨级至15吨级挖掘机，产品已形成标准化、系列化，具有良好的市场综合竞争优势。新源挖掘机凭借优秀的品质、性能和服务，获得了极佳的口碑以及市场的广泛认可。

未来，我们将会秉承“科技为新 品质为源”的企业精神，不断探索创新，为新时代的发展建设，贡献一份强大的力量。

Founded in 1990, Fujian Xinyuan Heavy Industries Co., Ltd. has developed and manufactured the first 5-ton 360° full-rotation wheel hydraulic excavator in China. Now, it has become a modern enterprise specialized in the researching and manufacturing of small and medium-sized excavators. For more than 30 years, Xinyuan has been dedicating in the R&D and innovation of construction machinery and has gained multiple patent certifications, including national level invention patents, utility model patents and appearance patents. Xinyuan has also won honorary titles such as China's specialized, special and new small giant enterprise, Fujian's high-tech enterprise, Fujian's leading enterprise in the "Science and Technology Giant" program, Fujian's manufacturing champion enterprise (product), and Quanzhou's leading enterprise.

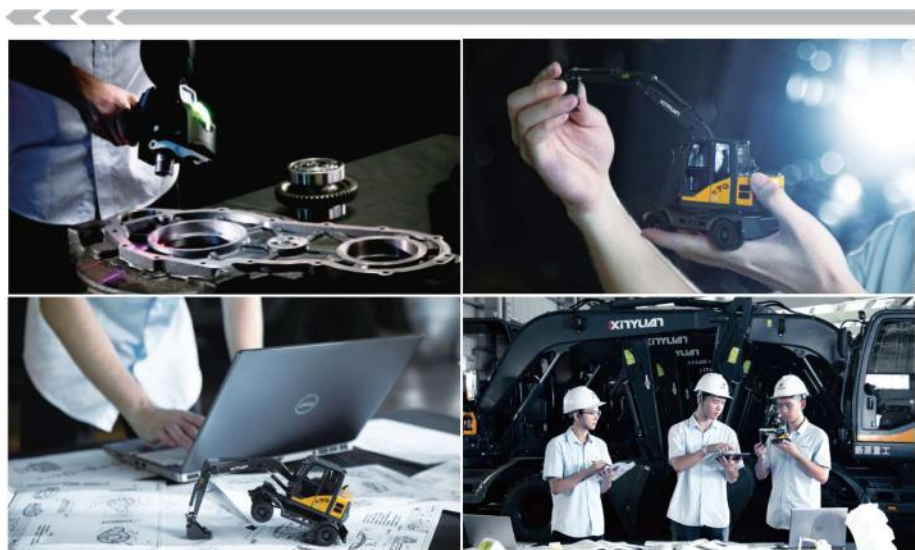
Besides, Xinyuan has built an advanced digital plant, equipped with world-advanced laser cutting equipment, automatic robot welding system, CNC gantry machining center, orbital shot blasting processing line, automatic robot coating system and other advanced production equipments, and has realized highly automated production process for cutting, assembly welding, numerical control processing, surface treatment and coating, etc.. With an experienced R&D team and a highly capable management and manufacturing team, Xinyuan keeps exploring and innovating technologies, pursues excellence in production, and conducts stringent quality control, which ensure high product quality, high reliability and consistency.

Through standardized, scientific and advanced methods, Xinyuan has optimized its management platform and built a digital intelligent warehousing center. With professional, attentive, and dedicated attitude and action throughout each link, Xinyuan always provides users with excellent services.

Xinyuan's excavator product series range from 5 to 10 tons. With standardized production, Xinyuan products have established a strong competitive advantage in the market. With superior quality, outstanding performance and excellent services, Xinyuan excavator products have built a good reputation in the market.

In the future, upholding the corporate spirit of "sci-tech oriented innovation and quality supreme", we will keep exploring and innovating, and contribute much effort for the development of the new era.





从零到划时代的产品，源自新源热爱创造的品牌理念。
我们致力于开创行业领先的技术，坚定“创新缔造未来”的独特设计信念，用匠心塑造每一个细节。
From scratch to epoch-making products, all derived from Xinyuan's passion for creativity. We are committed to pioneering industry-leading technologies. Firmly adhering to the unique belief that "innovation creates the future", we forge every detail with ingenuity.



我们希望创造与众不同的产品，让高品质的工程机械设备触手可及。
依托沉淀数十年的全域自研自造技术能力，使我们能够提供多种出类拔萃的设备，让每一位用户，找到最合适的选择。源自新源一贯的可靠基因，值得托付每一次信赖。
We hope to create distinctive products, and make high-quality construction machinery within reach. Relying on our research and manufacturing capabilities established over decades, we are able to provide each customer the most suitable solution with a variety of outstanding equipment. Building on the consistent and reliable genes of Xinyuan, it is always worthy of your trust.

Technical Strength of Xinyuan Company **技术实力**

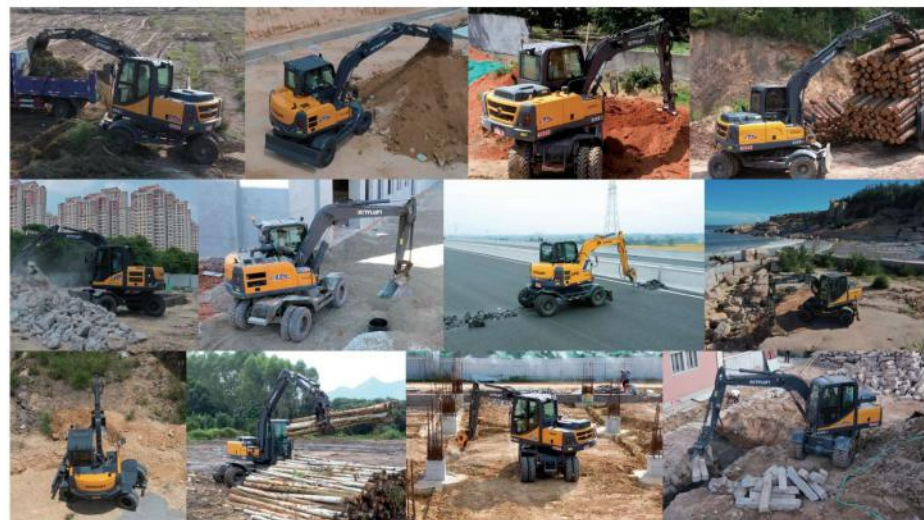
Product Case of Xinyuan Company **产品案例**



我们致力于为用户提供不同的创新性智能化装备，针对各类应用场景的个性化解决方案，助力每一位用户创造最大化价值。

We are committed to providing customers with different innovative intelligent equipment and customized solutions for various application scenes, and helping each customer create maximum value.

全生命周期持续进化的特性，让我们能够与用户一起，打造更高品质和创新科技的产品与服务。
The feature of continuous evolution throughout the life cycle allows us to work with the users, to deliver products and services of higher quality and innovative technologies.





新源挖掘机，具备独树一帜的辨识度，更有非凡的产品实力，不负每一份信赖与期待。

全新产品系列，科技和美学结合，重塑设计，迸发无限潜力。

家族设计语言的传承，融入每一次蜕变，精致，动感，个性十足。

全新智能平台架构，更轻松愉悦的交互使用体验。

Xinyuan excavators, with unique brand recognition, and extraordinary product strength, are worthy of each customer's trust and expectations.

With reinvented design, our new product series combines technologies with aesthetics and bursts out unlimited potential.

With the family design language integrated into each transformation, the new series is exquisite, dynamic and has unique characteristics.

The new intelligent platform provides a more relaxed and pleasant interactive experience.



Product characteristics of Xinyuan Company 产品特点

全新一代国四系列 强劲动力 高效节能



新源ECO系列均采用符合国四排放标准的节能型动力，更加环保，能耗大幅度降低。

新源G4系列均采用配置后处理系统的高功率动力，符合国四排放标准，性能更加强劲。

Xinyuan ECO series adopts energy-saving engine that meets China IV emission standard, which is more environmentally friendly and greatly reduces energy consumption.

Xinyuan G4 series adopts large power engines equipped with after-treatment system, which conforms to the National IV emission standards and has stronger performance.

可换向



操作手柄



车辆控制 快捷键

通过简单的操作，能够改变控制车身回转的手柄方向，适应不同操作习惯的驾驶员。

Through simple operation, it can change the direction of the handle that controls the body rotation, and adapt to drivers with different operating habits.

通过手柄上的按钮，可以便捷地控制平衡缸和四轮刹车，快速切换工作状态。

Through the button on the handle, the balance cylinder and four-wheel brake can be conveniently controlled, and the working state can be quickly switched.



新源挖掘机配置四轮液压刹车，制动系统性能更好，反应更迅速，安全性更高，更容易维护，使用成本低。

配置专用工程轮胎，独创的胎纹设计，高性能胎面，不仅拥有更强的抓地力，同时更耐磨、耐扎，使用寿命更长。

Xinyuan excavator is equipped with four-wheel hydraulic brake, so the brake system has better performance, higher safety, easier maintenance and lower use cost. Equipped with special engineering tires, original tread design and high-performance tread, it not only has stronger grip, but also is more wear-resistant, durable and has a longer service life.

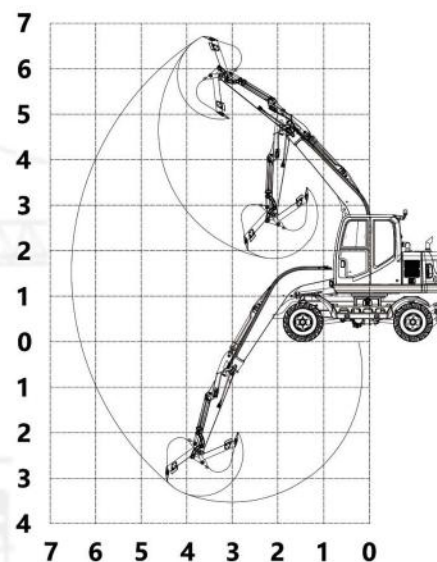


轮式挖掘机 WHEEL EXCAVATOR

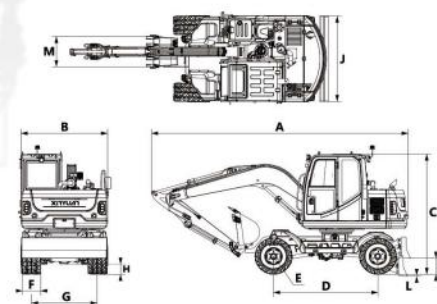
该机型为专利产品，侵权必究。



★作业范围图



★外形尺寸图



工作范围 RANGE OF OPERATION

最大挖掘距离 Max Digging Reach	6535mm
最大挖掘深度 Max Digging Depth	3530mm
最大挖掘高度 Max Digging Height	6715mm
最大卸载高度 Max Dumping Height	4905mm
前部最小回转半径 Min Front Radius	2275mm
尾部最小回转半径 Min Tail Radius	1665mm

外形尺寸 DIMENSIONS

A 全长 Overall Length	5950mm
B 全宽 Overall Width	2010mm
C 全高 Overall Height	2800mm
D 轴距 Spread of Axles	2410mm
E 轮胎型号 Tyre type	195/85-20
F 轮胎接地宽度 Width of Grounding	430mm
G 轮距 Track	前1570mm/后1525mm
H 最小离地高度 Min Height Above Ground	250mm
J 推土板宽度 Width of Bulldozing	1955mm
K 推土板最大上升量 Rising distance of Bulldozing	390mm
L 推土板最大下降量 Height of Bulldozing	45mm
M 标配铲斗宽 Width of bucket	700mm
动臂长度 Boom length	3400mm
斗杆长度 Arm length	1900mm

技术性能参数 THECHNICAL PERFORMANCE AND SPECIFICATION

型号 Model	B70S
发动机型号 Engine	玉柴F30
总功率/转速 Power/speed	48kw/2200rpm
整机重量 Machine Weight	6530kg
斗容 Volume of Bucket	0.2m³
主溢流阀整定压力 Set Pressure of Main Overflow Valve	24.5MPa
最大挖掘力 Maximum Digging Force	35kN
爬坡度 Gradeability	35°
最大牵引力 Maximum Traction Force	35kN
最高行走速度 Maximum Travel Speed	30km/h
平台回转速度 Swing Speed of Platform	8.5rpm
燃油箱容量 Fuel Tank Capacity	135L
液压油箱容量 Hydraulic Tank Capacity	120L

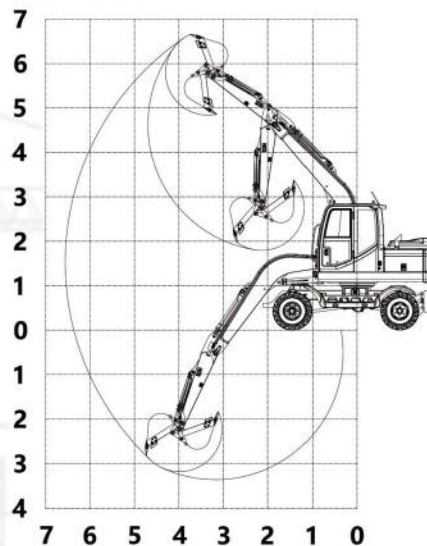


轮式挖掘机 WHEEL EXCAVATOR

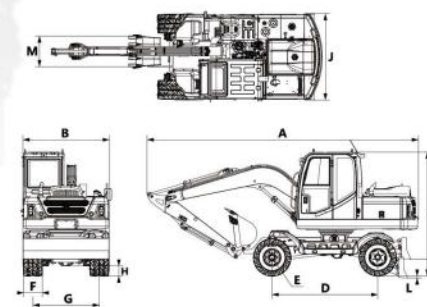
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★作业范围图



★外形尺寸图



工作范围 RANGE OF OPERATION

最大挖掘距离 Max Digging Reach	6560mm
最大挖掘深度 Max Digging Depth	3370mm
最大挖掘高度 Max Digging Height	6660mm
最大卸载高度 Max Dumping Height	4860mm
前部最小回转半径 Min Front Radius	2325mm
尾部最小回转半径 Min Tail Radius	1890mm

外形尺寸 DIMENSIONS

A 全长 Overall Length	6210mm
B 全宽 Overall Width	1980mm
C 全高 Overall Height	2845mm
D 轴距 Spread of Axles	2410mm
E 轮胎型号 Tyre type	195/85-20
F 轮胎接地宽度 Width of Grounding	430mm
G 轮距 Track	前1570mm/后1525mm
H 最小离地高度 Min Height Above Ground	230mm
J 推土板宽度 Width of Bulldozing	1955mm
K 推土板最大上升量 Rising distance of Bulldozing	390mm
L 推土板最大下降量 Height of Bulldozing	45mm
M 标配铲斗宽 Width of bucket	700mm
动臂长度 Boom length	3400mm
斗杆长度 Arm length	1900mm

技术性能参数 THECHNICAL PERFORMANCE AND SPECIFICATION

型号 Model	B75S
发动机型号 Engine	玉柴F30
总功率/转速 Power/speed	48kw/2200rpm
整机重量 Machine Weight	6300kg
斗容 Volume of Bucket	0.2m³
主溢流阀额定压力 Set Pressure of Main Overflow Valve	24.5MPa
最大挖掘力 Maximum Digging Force	35kN
爬坡度 Gradeability	35°
最大牵引力 Maximum Traction Force	35kN
最高行走速度 Maximum Travel Speed	30km/h
平台回转速度 Swing Speed of Platform	8.5rpm
燃油箱容量 Fuel Tank Capacity	130L
液压油箱容量 Hydraulic Tank Capacity	130L

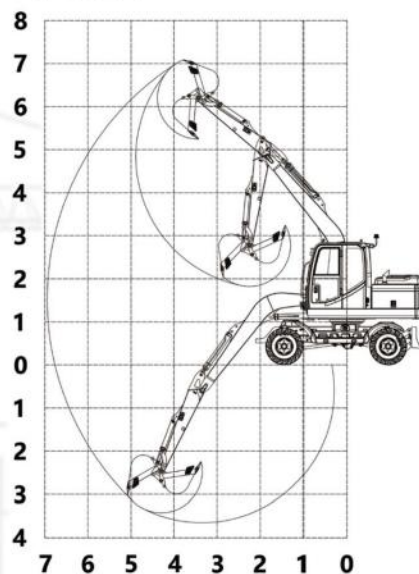


轮式挖掘机 WHEEL EXCAVATOR

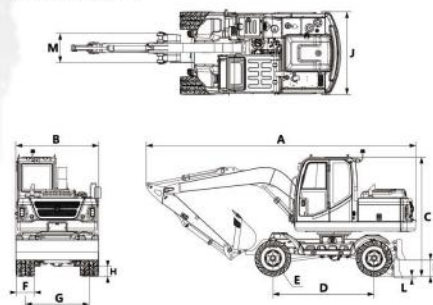
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★作业范围图



★外形尺寸图



工作范围 RANGE OF OPERATION

最大挖掘距离 Max Digging Reach	6950mm
最大挖掘深度 Max Digging Depth	3650mm
最大挖掘高度 Max Digging Height	7090mm
最大卸载高度 Max Dumping Height	5245mm
前部最小回转半径 Min Front Radius	2455mm
尾部最小回转半径 Min Tail Radius	1965mm

外形尺寸 DIMENSIONS

A 全长 Overall Length	6435mm
B 全宽 Overall Width	1980mm
C 全高 Overall Height	2845mm
D 轴距 Spread of Axles	2410mm
E 轮胎型号 Tyre type	195/85-20
F 轮胎接地宽度 Width of Grounding	430mm
G 轮距 Track	前1570mm/后1525mm
H 最小离地高度 Min Height Above Ground	230mm
J 推土板宽度 Width of Bulldozing	1955mm
K 推土板最大上升量 Rising distance of Bulldozing	390mm
L 推土板最大下降量 Height of Bulldozing	45mm
M 标配铲斗宽 Width of bucket	730mm
动臂长度 Boom length	3600mm
斗杆长度 Arm length	2100mm

技术性能参数 THECHNICAL PERFORMANCE AND SPECIFICATION

型号 Model	C80W Y
发动机型号 Engine	玉柴F30
总功率/转速 Power/speed	48kw/2200rpm
整机重量 Machine Weight	6650kg
斗容 Volume of Bucket	0.2m³
主溢流阀额定压力 Set Pressure of Main Overflow Valve	24.5MPa
最大挖掘力 Maximum Digging Force	35kN
爬坡度 Gradeability	35°
最大牵引力 Maximum Traction Force	35kN
最高行走速度 Maximum Travel Speed	30km/h
平台回转速度 Swing Speed of Platform	8.5rpm
燃油箱容量 Fuel Tank Capacity	160L
液压油箱容量 Hydraulic Tank Capacity	130L

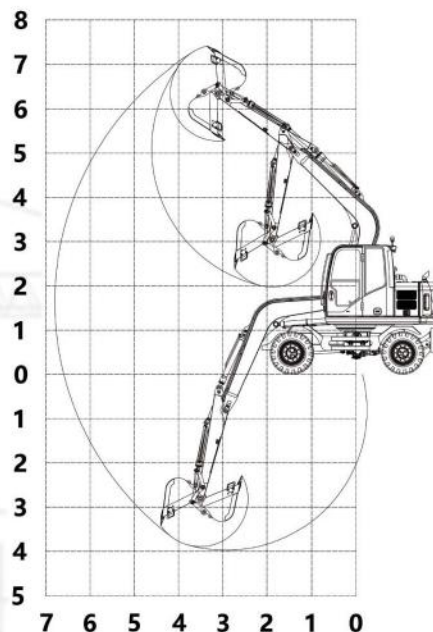
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轮式挖掘机 WHEEL EXCAVATOR

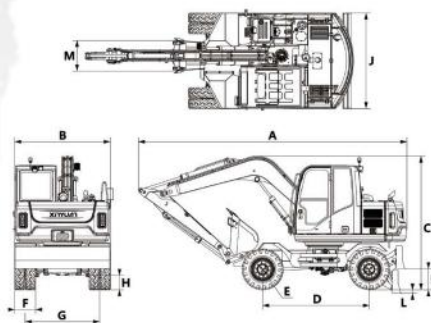
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★作业范围图



★外形尺寸图



工作范围 RANGE OF OPERATION

最大挖掘距离 Max Digging Reach	7100mm
最大挖掘深度 Max Digging Depth	4280mm
最大挖掘高度 Max Digging Height	7625mm
最大卸载高度 Max Dumping Height	5500mm
前部最小回转半径 Min Front Radius	2275mm
尾部最小回转半径 Min Tail Radius	2090mm

外形尺寸 DIMENSIONS

A 全长 Overall Length	6575mm
B 全宽 Overall Width	2250mm
C 全高 Overall Height	3240mm
D 轴距 Spread of Axles	2500mm
E 轮胎型号 Tyre type	7.50-20
F 轮胎接地宽度 Width of Grounding	490mm
G 轮距 Track	1755mm
H 最小离地高度 Min Height Above Ground	328mm
J 推土板宽度 Width of Bulldozing	2250mm
K 推土板最大上升量 Rising distance of Bulldozing	500mm
L 推土板最大下降量 Height of Bulldozing	85mm
M 标配铲斗宽 Width of bucket	720mm
动臂长度 Boom length	3850mm
斗杆长度 Arm length	2240mm

技术性能参数 THECHNICAL PERFORMANCE AND SPECIFICATION

型号 Model	C115W
发动机型号 Engine	玉柴4DK
总功率/转速 Power/speed	73.5kw/2200rpm
整机重量 Machine Weight	8050kg
斗容 Volume of Bucket	0.3m³
主溢流阀整定压力 Set Pressure of Main Overflow Valve	25MPa
最大挖掘力 Maximum Digging Force	50kN
爬坡度 Gradeability	35°
最大牵引力 Maximum Traction Force	50kN
最高行走速度 Maximum Travel Speed	30km/h
平台回转速度 Swing Speed of Platform	8.5rpm
燃油箱容量 Fuel Tank Capacity	190L
液压油箱容量 Hydraulic Tank Capacity	165L

c120s

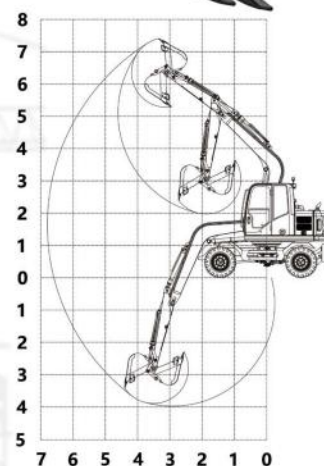
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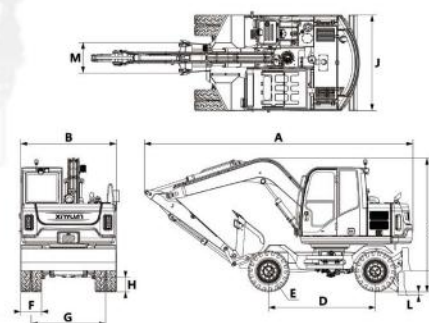


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★作业范围图



★外形尺寸图



工作范围 RANGE OF OPERATION

最大挖掘距离 Max Digging Reach	7375mm
最大挖掘深度 Max Digging Depth	4390mm
最大挖掘高度 Max Digging Height	7765mm
最大卸载高度 Max Dumping Height	5650mm
前部最小回转半径 Min Front Radius	2530mm
尾部最小回转半径 Min Tail Radius	2030mm

外形尺寸 DIMENSIONS

A 全长 Overall Length	6830mm
B 全宽 Overall Width	2290mm
C 全高 Overall Height	3210mm
D 轴距 Spread of Axles	2500mm
E 轮胎型号 Tyre type	7.50-20
F 轮胎接地宽度 Width of Grounding	490mm
G 轮距 Track	1755mm
H 最小离地高度 Min Height Above Ground	328mm
J 推土板宽度 Width of Bulldozing	2250mm
K 推土板最大上升量 Rising distance of Bulldozing	455mm
L 推土板最大下降量 Height of Bulldozing	130mm
M 标配铲斗宽 Width of bucket	800mm
动臂长度 Boom length	4000mm
斗杆长度 Arm length	2240mm

技术性能参数 THECHNICAL PERFORMANCE AND SPECIFICATION

型号 Model	C120S
发动机型号 Engine	玉柴4DK
总功率/转速 Power/speed	86kw/2200rpm
整机重量 Machine Weight	9050kg
斗容 Volume of Bucket	0.3m³
主溢流阀整定压力 Set Pressure of Main Overflow Valve	28MPa
最大挖掘力 Maximum Digging Force	55kN
爬坡能力 Gradeability	35°
最大牵引力 Maximum Traction Force	50kN
最高行走速度 Maximum Travel Speed	30km/h
平台回转速度 Swing Speed of Platform	8.5rpm
燃油箱容量 Fuel Tank Capacity	200L
液压油箱容量 Hydraulic Tank Capacity	165L

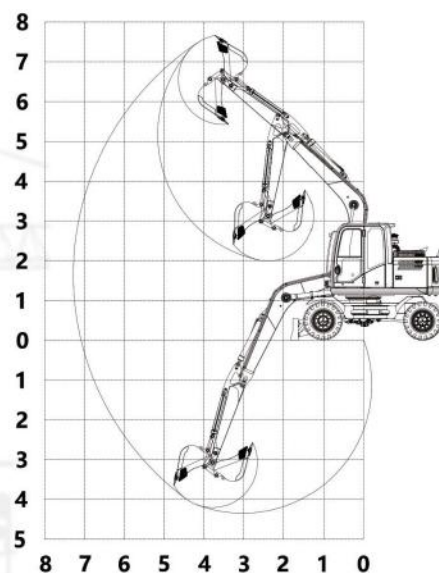
c130w

轮式挖掘机 WHEEL EXCAVATOR

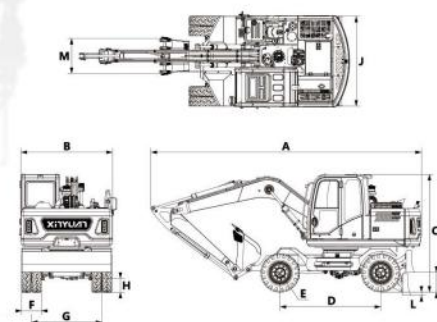
该机型为专利产品，侵权必究。



★作业范围图



★外形尺寸图



工作范围 RANGE OF OPERATION

最大挖掘距离 Max Digging Reach	7285mm
最大挖掘深度 Max Digging Depth	4350mm
最大挖掘高度 Max Digging Height	7665mm
最大卸载高度 Max Dumping Height	5430mm
前部最小回转半径 Min Front Radius	2625mm
尾部最小回转半径 Min Tail Radius	2025mm

外形尺寸 DIMENSIONS

A 全长 Overall Length	6750mm
B 全宽 Overall Width	2290mm
C 全高 Overall Height	2950mm
D 轴距 Spread of Axles	2500mm
E 轮胎型号 Tyre type	8.25-20
F 轮胎接地宽度 Width of Grounding	490mm
G 轮距 Track	1755mm
H 最小离地高度 Min Height Above Ground	345mm
J 推土板宽度 Width of Bulldozing	2250mm
K 推土板最大上升量 Rising distance of Bulldozing	470mm
L 推土板最大下降量 Height of Bulldozing	115mm
M 标配铲斗宽 Width of bucket	850mm
动臂长度 Boom length	3900mm
斗杆长度 Arm length	2100mm

技术性能参数 THECHNICAL PERFORMANCE AND SPECIFICATION

型号 Model	C130W
发动机型号 Engine	玉柴4DK
总功率/转速 Power/speed	86kw/2200rpm
整机重量 Machine Weight	9200kg
斗容 Volume of Bucket	0.35m³
主溢流阀整定压力 Set Pressure of Main Overflow Valve	28MPa
最大挖掘力 Maximum Digging Force	55kN
爬坡 Gradeability	35°
最大牵引力 Maximum Traction Force	50kN
最高行走速度 Maximum Travel Speed	30km/h
平台回转速度 Swing Speed of Platform	8.5rpm
燃油箱容量 Fuel Tank Capacity	200L
液压油箱容量 Hydraulic Tank Capacity	165L

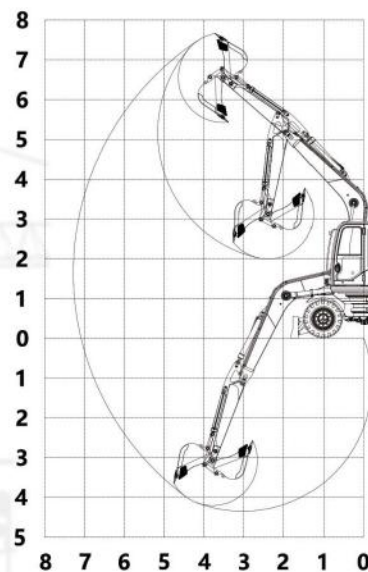
c140w

轮式挖掘机 WHEEL EXCAVATOR

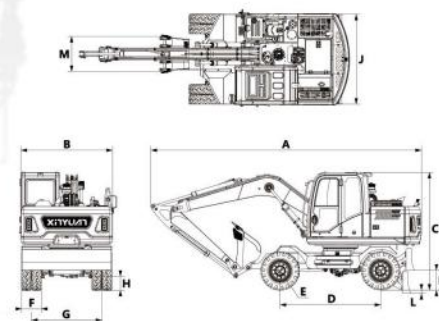
该机型为专利产品，侵权必究。



★作业范围图



★外形尺寸图



工作范围 RANGE OF OPERATION

最大挖掘距离 Max Digging Reach	7720mm
最大挖掘深度 Max Digging Depth	4765mm
最大挖掘高度 Max Digging Height	7960mm
最大卸载高度 Max Dumping Height	5750mm
前部最小回转半径 Min Front Radius	2815mm
尾部最小回转半径 Min Tail Radius	2135mm

外形尺寸 DIMENSIONS

A 全长 Overall Length	7035mm
B 全宽 Overall Width	2290mm
C 全高 Overall Height	3190mm
D 轴距 Spread of Axles	2750mm
E 轮胎型号 Tyre type	8.25-20
F 轮胎接地宽度 Width of Grounding	490mm
G 轮距 Track	1755mm
H 最小离地高度 Min Height Above Ground	320mm
J 推土板宽度 Width of Bulldozing	2250mm
K 推土板最大上升量 Rising distance of Bulldozing	470mm
L 推土板最大下降量 Height of Bulldozing	115mm
M 标配铲斗宽 Width of bucket	850mm
动臂长度 Boom length	4150mm
斗杆长度 Arm length	2300mm

技术性能参数 THECHNICAL PERFORMANCE AND SPECIFICATION

型号 Model	C140W
发动机型号 Engine	玉柴4DK
总功率/转速 Power/speed	86kw/2200rpm
整机重量 Machine Weight	9750kg
斗容 Volume of Bucket	0.35m³
主溢流阀整定压力 Set Pressure of Main Overflow Valve	28MPa
最大挖掘力 Maximum Digging Force	55kN
爬坡能力 Gradeability	35°
最大牵引力 Maximum Traction Force	50kN
最高行走速度 Maximum Travel Speed	30km/h
平台回转速度 Swing Speed of Platform	8.5rpm
燃油箱容量 Fuel Tank Capacity	200L
液压油箱容量 Hydraulic Tank Capacity	165L

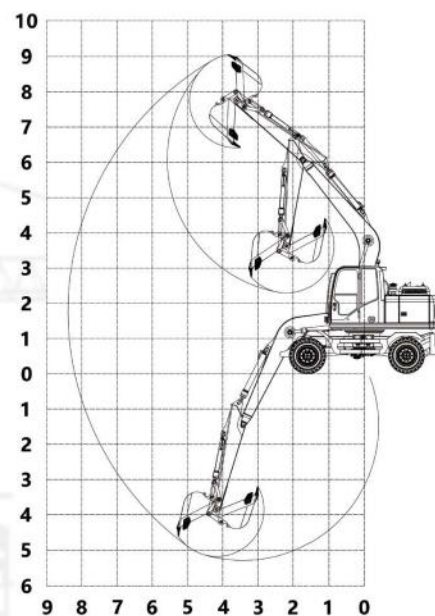
c150w

轮式挖掘机 WHEEL EXCAVATOR

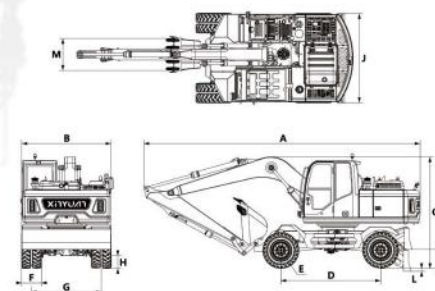
该机型为专利产品，侵权必究。



★作业范围图



★外形尺寸图



工作范围 RANGE OF OPERATION

最大挖掘距离 Max Digging Reach	8390mm
最大挖掘深度 Max Digging Depth	5295mm
最大挖掘高度 Max Digging Height	9060mm
最大卸载高度 Max Dumping Height	6415mm
前部最小回转半径 Min Front Radius	2470mm
尾部最小回转半径 Min Tail Radius	2318mm

外形尺寸 DIMENSIONS

A 全长 Overall Length	7730mm
B 全宽 Overall Width	2520mm
C 全高 Overall Height	3350mm
D 轴距 Spread of Axles	2800mm
E 轮胎型号 Tyre type	9.00-20
F 轮胎接地宽度 Width of Grounding	560mm
G 轮距 Track	1975mm
H 最小离地高度 Min Height Above Ground	360mm
J 推土板宽度 Width of Bulldozing	2520mm
K 推土板最大上升量 Rising distance of Bulldozing	540mm
L 推土板最大下降量 Height of Bulldozing	80mm
M 标配铲斗宽 Width of bucket	1000mm
动臂长度 Boom length	4600mm
斗杆长度 Arm length	2500mm

技术性能参数 THECHNICAL PERFORMANCE AND SPECIFICATION

型号 Model	C150W
发动机型号 Engine	玉柴A05
总功率/转速 Power/speed	118kw/1800rpm
整机重量 Machine Weight	12800kg
斗容 Volume of Bucket	0.57m³
主溢流阀整定压力 Set Pressure of Main Overflow Valve	32MPa
最大挖掘力 Maximum Digging Force	75kN
爬坡度 Gradeability	35°
最大牵引力 Maximum Traction Force	55kN
最高行走速度 Maximum Travel Speed	32km/h
平台回转速度 Swing Speed of Platform	8.5rpm
燃油箱容量 Fuel Tank Capacity	310L
液压油箱容量 Hydraulic Tank Capacity	240L