



XE155WD 轮式挖掘机技术规格书

(此规格书仅适用于挖掘机产品的技术推荐)

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XE155WD Wheeled Excavator Technical Specifications

(This specification only applies to technical recommendations for excavator products)

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徐工集团挖掘机械事业部

XCMG EXCAVATOR MACHINERY BUSINESS DEPARTMENT

因技术设计的不断进步，我们无法将产品变更有效的通知到阁下，敬请谅解。

Due to technical progress, we reserve the right to modify the manual without notice for improvement.

XE155WD 轮式挖掘机技术规格

XE155WD Wheeled Excavator Technical Specifications

型号 Model		单位 Unit	XE155WD
操作重量 Operating weight		Kg	13900
铲斗容量 Bucket capacity		m ³	0.58
发动机 Engine	型号 Model	/	1104D-E44TA
	直喷 Direct injection	/	√
	4 冲程 Four strokes	/	√
	水冷 Water cooled	/	√
	涡轮增压 Turbocharged	/	√
	空气中冷 Air to air intercooler	/	√
	缸数 Number of cylinders	/	4
	额定输出功率/转速 Rated power/speed	kw/rpm	106/2200
	最大扭矩/转速 Maximum torque/speed	N.m	558/1400
	排量 Piston displacement	L	4.4
主要性能 Main performance	行驶速度(高/低) Travel speed (H/L)	km/h	38/11
	回转速度 Swing speed	r/min	12
	爬坡能力 Gradeability	°	≤35
	接地比压 Ground pressure	kPa	/
	铲斗挖掘力 Bucket digging force	kN	95
	斗杆挖掘力 Arm digging force	kN	72
	最大牵引力 Maximum tractive force	kN	80
液压系统 Hydraulic system	主泵 Main pump	/	2 piston pump
	主泵额定流量 Relief valve setting pressure	L/min	254
	主安全阀压力 Pressure of prime valve	bar	313
	行走系统压力 Travel system pressure	bar	313
	回转系统压力 Swing system pressure	bar	250
先导系统压力 Pilot system pressure	bar	39	
油类容量 Oil Capacity	燃油箱容量 Fuel tank capacity	L	250
	液压油箱容量 Hydraulic tank capacity	L	135
	发动机油容量 Engine oil capacity	L	11
外形尺寸 Appearance size	总长 Overall length	mm	7714
	总宽 Overall width	mm	2495
	总高 Overall height	mm	3180
	配重离地间隙 Counterweight clearance	mm	1252
	最低离地间隙 Minimum ground clearance	mm	360
	最小尾部回转半径 Minimum tail swing radius	mm	2316
	最小转向半径 Minimum turning radius	mm	6500
轴距 Wheel base	mm	2800	

		胎面宽度 Tread width	mm	290*2
		转台宽度 Width of platform	mm	2490
		前桥到回转中心距离 The distance from front axle to the rotary center	mm	1700
		发动机罩高度 Engine hood height	mm	2474
作业范围 Working scope		最大挖掘半径 Maximum digging reach	mm	7780
		地面最大挖掘半径 Maximum ground digging radius	mm	7570
		最大挖掘高度 Maximum digging height	mm	8190
		最大卸载高度 Maximum dumping height	mm	5855
		最大挖掘深度 Maximum digging depth	mm	4630
		8 英尺水平面挖掘深度 Maximum depth cut for 8 ft level bottom	mm	4325
		最大垂直挖掘深度 Maximum vertical wall digging depth	mm	4165
		推土铲最大提升高度 Maximum dozer lifting height	mm	500
工作装置 Worker		推土铲刀最大切割深度 Maximum dozer cutting depth	mm	98
	标配 Stand ard	动臂长度 Length of boom	mm	4600
		斗杆长度 Length of arm	mm	2100
		铲斗斗容 Bucket capacity	m ³	0.58
	选配 Optio nal	动臂长度 Length of boom	m ³	/
		斗杆长度 Length of arm	m ³	2500
铲斗斗容 Bucket capacity		m ³	0.24~0.7	

XE155WD 主要配套件明细**XE155WD Main Parts Lists**

序号 No.	部件名称 Part Name	品牌 Brand	备注 Remarks
1	发动机 Engine	铂金斯 Perkins	
2	主泵 Main Pump	徐工 XCMG	
3	主阀 Main Valve	派克 Parker	
4	行走马达 Track Motor	林德 Linde	
5	回转马达 Swing Motor	徐工 XCMG	
6	车桥 Axle	德纳 DANA	
7	变速箱 Gearbox	采埃孚 ZF	

XE155WD 轮式液压挖掘机亮点介绍

XE155WD Hydraulic Wheel Excavator Highlights

徐工自主研发 XE155WD 轮式挖掘机行驶速度快，转场更灵活、高效，低速行驶扭矩大，可适应各类恶劣行驶工况；产品以其出色的稳定性、高机动性，足以应对多种工作环境，产品外形尺寸符合道路法规及运输要求；产品造型美观，视野开阔，室内噪音低，驾驶、操纵更舒适；机器作业稳定，动作协调有力，可配置徐工自主设计的多机具系统，可进行挖、抓、剪、破碎、清扫等各类工况作业，高效又环保，实现一机多能，应对最苛刻的工作。

XCMG-developed XE155WD wheel excavator, with the characteristics of high traveling speed, flexible and efficient transferring, and low speed and large torque, can apply to various tough traveling conditions. XE155WD can deal with various working conditions for its excellent stability and high maneuverability. The product boundary dimensions meet the road laws and regulations, and transportation requirements. With attractive appearance, wide view, and low indoor noise, the machine can provide more comfortable driving and operating experience. The machine, with high operation stability and coordinated & powerful operations, can be configured with XCMG-developed multiple-attachment system for operations like digging, grasping, shearing, crushing, and cleaning. Therefore, this machine is efficient and environmental, can realize multiple functions, and deal with the most demanding work.

产品通过应用一系列新项技术和众多功能，保障客户的综合收益和低的使用成本：

The machine ensures the customer's comprehensive income and low usage cost through a serious of new technologies and multiple functions.

- 新一代阶段符合环保要求的高效直喷发动机。良好的燃油经济性、动力输出平稳，反应灵敏，噪声辐射低，更适宜在城市环境中施工。功能强大的电子控制系统和液压动力提升功能，优化了动力匹配。采用大流量泵单元，以提高液压阀操控性能和工作装置协调控制特性；
- The new generation efficient and direct injection engine meets the

environmental requirements. Good fuel economy, balanced power output, sensitive response, and low noise radiation apply to urban construction. The powerful electronic control system and improved hydraulic power help optimize the power matching. The large-flow pump unit improves the hydraulic valve controllability and working device controlled characteristic.

- 高品质的材料和零部件匹配。针对中国复杂的施工环境大幅度提高了零部件的可靠性，以保障设备具备最佳的运行时间。
- High-quality material and part matching. To deal with the complex construction environment in China, the part reliability is greatly improved, ensuring the machine's optimal operation time.
- 全功能、符合人体工程学设计的人机司乘和驾驶操纵环境。配置符合 ROPS 要求的高强度驾驶室，在顶部和右侧具有优良的视野。车辆前进、空档和倒档位于右侧操纵杆，完全符合道路设备操纵习惯，电子液压换挡具有前后高/低速两个档位，并具备巡航功能，丰富的配置提升设备驾乘感受！优异的液压操控系统，控制平稳，操纵精确，预留多个自定义接口，便于配置其他属具。
- Full-function man-machine seat and driving & operating environment meeting the ergonomics requirements. High-strength cab, meeting the ROPS requirements and providing good views both on top and the right sides, is equipped. Buttons for gears of forward, neutral, and backward are set on the right control lever, applying to the equipment operation habit. The electric hydraulic shift device has the high/low speed gears and the cruise function. Abundant configurations improve the equipment driving experience. Excellent hydraulic control system provides stable control and accurate operation. Various customized interfaces shall be reserved to provide convenience for configuring other accessories.
- 结构强度、性能稳定性、配置的多功能性的完美结合。XE155WD 轮式挖掘机可以为您带来更加直观的投资实际收益！XE155WD 轮式液压挖掘机可应对各类工况。产品具有出色的稳定性、高机动性，足以应对多

种工作环境。产品外形尺寸符合道路法规及运输要求。产品通过应用一系列行业先进技术、设计众多实用功能，保障客户的综合收益和最低的使用成本。

- The structure strength, performance stability, and the configuration versatility combined with each other perfectly. XE155WD wheel excavator can bring you direct actual income. XE155WD can deal with various working conditions for its excellent stability and high maneuverability. The product boundary dimensions meet the road laws and regulations, and transportation requirements. The machine ensures the customer's comprehensive income and low usage cost through a serious of new technologies and multiple practical functions.