



XE135D 履带挖掘机技术规格书

(此规格书仅适用于挖掘机产品的技术推荐)

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XE135D Crawler Excavator Technical Specification

This specification only applies to technical recommendations for excavator products

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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

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XE135D 履带挖掘机主要技术参数表

XE135D Crawler Excavator Technical Specification

型号 Model	单位 Unit	XE135D	
操作重量 Operating weight	Kg	13200	
铲斗容量 Bucket capacity	m ³	0.32~0.61	
发动机 Engine	发动机型号 Model	/	Cummins QSF3.8
	直喷 Direct injection	/	√
	4冲程 Four strokes	/	√
	水冷 Water cooling	/	√
	涡轮增压 Turbo-charging	/	√
	空空中冷 Air to air intercooler	/	√
	缸数 No. of cylinders	/	4
	额定功率/转速 Rated power/speed	kw/rpm	86/2200
	最大扭矩/转速 Maximum torque/speed	N. m	470/1300
	排量 Displacement	L	3.8
主要性能 Main performance	行走速度(高/低) Travel speed (H/L)	km/h	5.2/2.9
	回转速度 Swing speed	r/min	11
	爬坡能力 Gradeability	°	≤35
	接地比压 Ground pressure	kPa	40.4
	铲斗挖掘力 Bucket digging force	kN	99.1
	斗杆挖掘力 Arm digging force	kN	68
液压系统 Hydraulic system	最大牵引力 Maximum tractive force	kN	134
	主泵 Main pump	/	2个柱塞泵 Two piston pumps
	主泵额定流量 Rated flow of main pump	L/min	2×125.4
	主安全阀压力 Main safety valve pressure	MPa	31.4/34.3
	行走系统压力 Travel system pressure	MPa	34.4
	回转系统压力 Swing system pressure	MPa	25
油类容量 Oil Capacity	先导系统压力 Pilot system pressure	MPa	3.9
	燃油箱容积 Fuel tank capacity	L	260
	液压油箱容积 Hydraulic tank capacity	L	105
外形尺寸 Appearance size	发动机机油容量 Engine oil capacity	L	11
	A 总长 Overall length	mm	7795
	B 总宽 Overall width	mm	2525
	C 总高 Overall height	mm	2880
	D 转台宽度 Width of platform	mm	2490
E 履带长度 Track length	mm	3648	

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	F 底盘总宽 Overall width of chassis	mm	2490
	G 履带宽度 Track shoe width	mm	500
	H 履带轴距 Wheel base of crawler	mm	2918
	I 轨距 Track gauge	mm	1990
	J 配重离地间隙 Counterweight clearance	mm	931
	K 最低离地间隙 Min. ground clearance	mm	466
	L 尾部最小回转半径 Min. tail swing radius	mm	2325
	M 履带高度 Track height	mm	802
工作范围 Working scope	A 最大挖掘高度 Max. digging height	mm	8638
	B 最大卸载高度 Max. dumping height	mm	6174
	C 最大挖掘深度 Max. digging depth	mm	5546
	D 8英尺水平面挖掘深度 Maximum depth cut for 2240mm(8 ft) level bottom	mm	5335
	E 最大垂直挖掘深度 Max. vertical wall digging depth	mm	4698
	F 最大挖掘半径 Max. digging radius	mm	8304
	G 最小回转半径 Min. swing radius	mm	2445
标配 Standard	动臂长度 Length of boom	mm	4600
	斗杆长度 Length of arm	mm	2520
	铲斗容量 Bucket capacity	m ³	0.52 (加强斗 Strengthened bucket)
选配 Optional	动臂长度 Length of boom	mm	-
	斗杆长度 Length of arm	mm	2100/3010
	斗容 Bucket capacity	m ³	0.32/0.4/0.61 (土方斗 Earthwork bucket)

XE135D 履带挖掘机主要配套件明细

XE135D Crawler Excavator Main Parts Lists

序号 No.	部件名称 Part Name	生产厂家 Manufacturer	备注 Remarks
1	发动机 Engine	中国康明斯 China Cummins	
3	主泵 Main Pump	韩国斗山 Korea Doosan	进口 Import
4	主阀 Main Valve	韩国派克 Korea Parker	进口 Import
5	行走马达 Travel Motor	韩国斗山 Korea Doosan	

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6	回转马达 Swing Motor	韩国斗山 Korea Doosan	进口 Import
7	空调 AC	上海摩丁 Shanghai MODINE	
8	四轮一带 Sprocket, idler, carrier roller, track roller and track	徐工 XCMG	

XE135D 履带挖掘机亮点介绍

XE135D Crawler Excavator Highlights

XE135D 采用徐工挖机与康明斯联合开发的新型发动机，动力强劲，同吨位功率最大，低速大扭矩，燃油经济性大幅度高，相比上代机器可降低油耗 7%。新一代国际知名品牌液压元件，超高额定工作压力、效率高、控制精准、冲击小、寿命长，结合徐工挖机自主开发的新一代 XEICS 智能控制系统，可充分利用发动机输出功率，优化的燃油功率曲线，同等作业效率下最高可省油 7%。主要结构件均进行有限元分析优化，并经过长周期高强度作业考核，寿命更长。所有日常保养件站在地面上均触手可及，省时、省力、更安全。全新注塑的驾驶室标配双层夹胶玻璃，能有效阻隔噪音。其次，驾驶室内采用集成控制面板，新型防眩光平面显示屏，外观简洁时尚，新型硅油弹簧复合减震器，全方位可调节悬浮座椅，操作更舒适。

XE135D adopts a new engine jointly developed by XCMG and Cummins. It has strong power (the highest power among the same tonnage), high torque at low speed and high fuel economy. It can reduce fuel consumption by 7% compared with the previous generation. New generation internationally famous hydraulic elements are of high rated working pressure, high efficiency, precise control, small impact and long service life. Combined with the new generation XEICS intelligent control system independently developed by XCMG excavator, it can make full use of engine output power, with optimized fuel power curve, it can save up to 7% fuel under the same level of operating efficiency. The main structural components are all optimized by FEA, and after long-term high-intensity operation assessment, the service life is

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longer. All the daily maintenance parts can be maintained on the ground, it can save time, labor and be safer. New injection-moulded cab is standard configured with double laminated glass, which can effectively block noise. Secondly, the cab uses an integrated control panel, and large 8-inch anti-glare display is simple and stylish. The new silicone oil spring composite shock absorber and all-round adjustable suspension seat make the operation more comfortable.

该机通过加装不同的作业机具，可实现破碎、抓取、钻孔、夯实、推土等功能，不但可以广泛用于小型土石方工程、市政工程、路面修复、混凝土破碎、埋设电缆、自来水管道的铺设、园林栽培及河沟清淤等工程，而且还具有运输、能耗、灵活性、适应性等方面的优势，非常适合在空间狭小的施工场地作业。

By installing different attachments, the machine can be used for breaking, grabbing, drilling, compacting and bulldozing. It can not only be widely used for small earth and stone works, municipal engineering, road repair, concrete crushing, laying of buried cables, water pipes, botanical garden cultivation, dredging of the river ditch and other projects, but also has advantages in terms of transportation, energy consumption, flexibility and adaptability. It is very suitable for operations in small space construction sites.

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