

主要参数/Main Specifications

型号 Model	单位 UOM	参数 Parameters
操作重量 Operating weight	Kg	6010
铲斗容量 Bucket capacity	m ³	0.23
发动机 Engine		
型号 Model	/	4TNV94L-BVXG
直喷 Direct injection	/	√
4冲程 Four stroke	/	√
水冷 Water-cooling	/	√
涡轮增压 Turbo	/	×
缸数 Number of cylinders	/	4
额定净功率(GB/T 17692) Rated net power	kW/rpm	36.2/2100
最大扭矩/转速 Maximum torque / speed	N.m/rpm	193.2-210.6/1260
排量 Displacement	L	3.054
主要性能 Main performance		
行走速度 Walking speed	km/h	4.2/2.2
回转速度 Rotary speed	r/min	10
爬坡能力 Climbing ability	°	35
接地比压 Ground pressure	kPa	32.5
铲斗挖掘力 Bucket digging force	kN	48.3
斗杆挖掘力 Arm Digging Force	kN	32.5
最大牵引力 Maximum traction	kN	50.5
液压系统 Hydraulic system		
主泵 Main pump	/	/
主泵额定流量 Main pump rated flow	L/min	151.2
主安全阀压力 Main safety valve pressure	MPa	24.5
行走系统压力 Travel system pressure	MPa	22
回转系统压力 Rotary system pressure	MPa	21
先导系统压力 Pilot system pressure	MPa	3.5
油类容量 Oil capacity		
燃油箱容积 Fuel tank capacity	L	110
液压油箱容积 Hydraulic tank volume	L	85
发动机机油容量 Engine oil capacity	L	12

型号 Model	单位 UOM	参数 Parameters
外形尺寸 Outline dimension		
A 总长 Total length	mm	5860
B 总宽 Total width	mm	1920
C 总高 Total height	mm	2585
D 转台宽度 Table width	mm	1780
E 底盘总宽 Overall width of chassis	mm	1920
F 履带宽度 Track width	mm	400
G 轮距 Tread	mm	1990
H 轨距 Gauge	mm	1500
I 配重离地间隙 Counterweight clearance	mm	700
J 最低离地间隙 Minimum ground clearance	mm	385
推土铲(宽/高) Dozer (width / height)	mm	1920 × 340
工作范围 Scope of work		
A 最大挖掘高度 Max. mining height	mm	5630
B 最大卸载高度 Max unloading height	mm	3945
C 最大挖掘深度 Max. mining depth	mm	3830
D 最大垂直挖掘深度 Max. vertical mining depth	mm	2680
E 最大挖掘半径 Max. digging radius	mm	6130
F 最小回转半径 Min. turning radius	mm	2460
G 尾部最小回转半径 Min. turning radius	mm	1670
推土铲最大提升高度 Max. lifting height of soil	mm	390
推土铲最大掘地深度 Max. digging depth of dozer	mm	560
标配 Standard		
动臂长度 Boom length	mm	3000
斗杆长度 Arm length	mm	1600
斗容 Bucket capacity	m ³	0.23
选配 Optional		
斗容 Bucket capacity	m ³	0.09深沟斗
	/	0.2加强斗
辅具及其他 Other	/	破碎锤、机械式快换器、橡胶履带块

材料和规格可随时间改变，恕不另行通知
Materials and specifications may be changed at any time without prior notice



地址: 徐州经济技术开发区高新路39号
Address: No.39 Gaoxin Road Economy Technology Development Zone Xuzhou
全国统一客服热线
Customer service hotline: 400-110-9999

WWW.XCMG.COM



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XE60D 液压挖掘机
XE60D HYDRAULIC EXCAVATOR



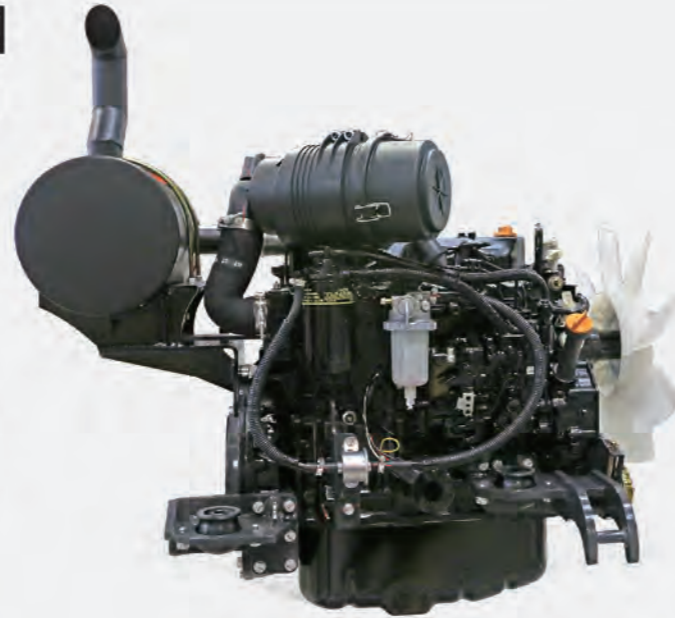
- 铲斗容量 Bucket capacity (m³) : 0.23
- 操作重量 Operating weight (kg) : 6010
- 额定净功率 Rated net power (kW/rpm) : 36.2/2100

徐工挖掘机事业部门
XCMG EXCAVATOR MACHINERY BUSINESS DEPARTMENT

更节能环保 More energy efficient and environmental protection

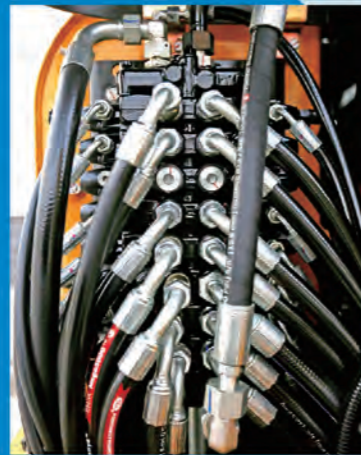
采用新型环保发动机，低速扭矩大，燃油消耗低，作业效率高，可靠耐用。进气管路走向布置优化，降低进气阻力，增加进气量，提高燃油利用率。

Adopt new type environmental protection Yanmar engine which has the features of low speed, large torque, low fuel consumption, high operating efficiency, reliability and durability. Layout and arrangement of intake pipe is optimized to reduce the air resistance, increase the air inflow and improve the fuel efficiency.



- 采用跨级大排量恒功率变量泵，容积效率高。通过合理调整泵功率及采用新一代压损更低的主阀，整机能耗更低，响应速度更快，控制更精准。

Adopt cross-stage large displacement constant power variable pump, which has large volume efficiency. Through adjusting pump power reasonably and adopting new generation main valve with low pressure loss, which can bring lower energy consumption of whole machine, more rapid response speed and more accurate control.



更可靠耐用 More reliable and durable

- 对动臂、斗杆重新优化设计，关键部位进一步强化。斗齿采用横销安装，采用新型销轴固定方式，有效的防止齿套脱落。

Optimize the design of boom and arm and further strengthen the key positions to make them more wear resisting and secure. Bucket teeth are installed with cross pin, which can effectively prevent the toothed sleeve from falling off and thus can improve the service life.

- 回转平台尾架部分采用箱型结构，增加整体刚度，防止长时间工作后的变形，可靠性高，坚固耐用。

Take the end frame of platform as a key part to strengthen, adopt box-type structure and increase the overall stiffness to prevent the deformation of end frame after working for a long time. Meanwhile, improve the strength of engine outrigger to meet the vibration requirements under bad working conditions during heavy load operation.



- 采用国际标准的新型履带，可靠性更高，配备双排夹轨器，保证在恶劣工况下，履带坚固稳定。

Adopt new type crawler conforming to international standard, which has higher reliability. Equip double row rail clamp to make the crawler firm and stable under tough working conditions.

- 采用新型X架底盘系统，下车架内部通过加强筋板，形成大截面箱体，具有良好的周向力承载性能，可以将上车传导的应力更均匀的施加在履带梁上，减少了履带梁的局部应力集中现象。

Adopt new type X frame chassis system and form large cross-section box through reinforcing the stiffeners inside the under carriage which has good peripheral force bearing capacity and apply the stress conducted by the upper carriage on the track beam evenly to reduce the local stress concentration of track beam.

更舒适安全 More comfortable and safe

- 驾驶室外观简洁、流畅，更大气，采用大面积玻璃覆盖，视野更宽广，驾驶员能清楚的掌握作业周边环境。驾驶室采用新型硅油减震，大大减少驾驶员长时间操作的疲劳感，提高了工作效率。

Cab has concise, smooth and elegant appearance, and the rear part of field vision is broader. New type silicon absorber is adopted to greatly reduce the operator's fatigue due to a long time work and thus improve the working efficiency.



- 增加驾驶室右侧玻璃推拉窗，打开驾驶室左右推拉窗可形成风的对流。同时，且方便驾驶员与车辆两侧人员交流。

Sliding window is added on the right side cab, wind convection will be formed after opening the left and right sliding window, which will also facilitate the communication between the operator and people around both sides of machine.



- 新型座椅悬浮装置及头枕使驾驶员作业更舒适，同时对行走脚踏进行了改进，使操作更加轻松舒适。

New type seat with suspension device and headrest, seat can be adjusted in full directions, which can make operator more comfortable, and meanwhile, travel pedal is improved to make operation much easier and more comfortable.



- 人性化细节设计，室内所有操纵元件均按照人机工程学理论进行科学、合理布置，增加了杯托、备用电源、杂志袋、储物盒等人性化配置，最大程度上提高操作的便捷性与舒适性。

Humanized detail design, all the control components inside the cab are arranged scientifically and reasonably according to ergonomics theory. Cup holder, standby power, magazine bag, storage box and other humanized configurations are added to improve the convenience and comfort of operation to the most extent.



- 斗杆油缸进出油钢管布置在油缸两侧，防止用户在高度受限的工况下，提升动臂时，因动作过大而造成油缸钢管损坏。

Oil inlet and outlet steel pipe of arm cylinder are arranged on the both sides of cylinder to prevent the oil inlet and outlet pipe line being damaged under the condition of height limit when the boom lifts.



- 三盏工作灯布局合理，保证了操作手夜间作业的安全性。

With three working lamps arranged reasonably to guarantee the operator's safety during night-time work.



便捷的维护 保养 Easy maintenance

- 玻璃液喷水壶安装在驾驶室后侧，方便玻璃水液面观察。
Liquid glass sprayer is installed on the rear side of cab to make it easy to check the liquid glass level.
- 回转马达齿轮油加注口引出至燃油箱上方，方便加注齿轮油，降低保养难度，并大幅降低保养工时。
Gear oil filler of swing motor is led above the fuel tank to make the gear oil filling convenient, reduce the maintenance difficulty and greatly reduce the maintenance hours.
- 打开后机罩，机油滤清器、柴油滤清器、空气滤清器触手可及，维护保养便捷。
After opening the rear engine hood, engine oil filter, diesel filter, air filter are without reach and maintenance is easy and fast.



定制化 Customization

标准配置 Standard configuration		XE60D
发动机 Engine 发动机型号 Model of engine: 4TNV94L-BVXG 排放等级 Emission level: 欧III和国三 Europe III standard and National III standard 手动预热 Manual preheating 空气滤清器 (配备空气滤清器堵塞指示器) Air filter (equipped with air filter clogging indicator) 空气滤清器双滤芯 Air filter double filter element 空气预滤清器 Air prefilter 集筒式发动机油滤清器 Concentric cylinder engine oil filter 集筒式燃油主滤清器 Concentric cylinder main fuel filter 风扇护罩 Fan guard 散热器副水箱 Auxiliary radiator 油水分离器 Fuel water separator 55A交流发电机 55A alternator 软轴转速控制 Soft shaft speed control	驾驶室与内饰 Cab and interior trimming 带数字显示的AM-FM收音机 AM-FM radio with digital display 全天候隔音钢结构驾驶室 All-weather soundproof steel structural cab 饮水杯座 Cup holder 两个立体扬声器 Two stereo speakers 发动机钥匙开关 Engine key switch 逃生锤 Escape hammer 灭火器支架 Extinguisher bracket 前窗洗涤器 Front window washer 可清洗地板垫 Washable floor mat 脚踏板 Footrest 带布面套的机械悬浮座椅 Mechanical suspension seat with cloth cover 可开启的前上方挡风玻璃 Openable up-front windshield 可拆除的前下方挡风玻璃 Removable lower-front windshield 钢化玻璃滑动门窗 Steel glass sliding doors and windows 间歇式风挡雨刮器 Batch multiple-range wiper 安全带 Safety belt 操纵手柄 Control handle 装有可拆卸手动操纵杆的行驶控制踏板 Travel control pedal with manual control lever 衣帽钩 Coat and hat hook 高低速换挡 High/low speed shift gears 空调系统 Air conditioner 点烟器/备用电源 Cigar Lighter/stand-by power 顶部天窗 Top skylight 驾驶室内照灯 Lighting lamp inside the cab 文件袋 File pocket 后视镜 Rearview mirror LCD液晶监视器 LCD monitor	工作装置 Working device 动臂 3.00m Boom 3.00m 斗杆 1.60m Arm 1.60m 铲斗 0.23m ³ (ISO满斗) Bucket 0.23m ³ (ISO full bucket)
液压系统 Hydraulic system 带主溢流阀的控制阀 Control valve with main relief valve 先导滤清器 Pilot filter 吸油滤清器 Suction filter 蓄能器 Accumulator 动臂/斗杆流量再生 Boom/arm flow regeneration 液压油 ISO VG 46 Hydraulic oil ISO VG 46 备用阀片 Spare valve disc	安全与保安配置 Safety and security configuration 驾驶室门锁和各舱室锁 Door lock of cab and chambers 警报喇叭 Alarm horn 行走停车制动器 Travel parking brake 回转停车制动器 Swing parking brake 蓄电池断路开关 Shutdown switch of battery 动臂、斗杆保持阀 Holding valve of boom and arm 推土铲保持阀 Blade holding valve 液压安全锁定位杆 Hydraulic safety lock lever 左右后视镜 Left and right rearview mirror 前工作灯 Front working lamp 配重反射器 Counterweight reflector 倾翻保护结构 (TOPS) Tilting protection structure (TOPS)	电气系统 Electrical system 蓄电池 (1 × 90AH) Battery (1 × 90AH) 3 kW 起动机 3 kW start motor 12V电源接口 12V power interface 发动机冷却水温显示 Engine cooling water temperature display 燃油油位显示 Fuel level display 发动机转速显示 Engine speed display 工作小时计 Service hour meter 发动机机油压力、发动机过热报警 Engine oil pressure, engine overheating alarm 充电指示 Charge indication 空滤堵塞报警 Air filter clogging indication 发动机预热指示 Air filter preheating indication 液压油温报警 Hydraulic oil temperature alarm
底盘系统与护罩 Chassis system and protective guard 履带张紧机构 Track tension device 车架牵引环 Underframe bail 400 mm三筋履带板 400mm Three rib track plate 底盘底部封板 Chassis bottom close plate 行走马达封板 Travel motor close plate 履带夹轨器 Track rail clamp 推土铲 Blade 托链轮和支重轮 Carrier roller and track roller	照明灯 Lamp 左侧动臂工作灯 Boom working lamp at left side 右侧工作灯 Boom working lamp at right side 驾驶室安装的工作灯 Working lamp installed on the top of cab	配重 Counterweight 配重 Counterweight
选装配置 Optional configuration		XE60D
液压管路: 破碎锤 Hydraulic line: quartering hammer 液压油 ISO VG 32, 68 Hydraulic oil ISO VG 32, 68 动臂、斗杆管路防爆阀 Explosion-proof valve of boom and arm pipeline 旋转报警灯 Rotating alarm light 落物防护结构 (FOPS) Fall Off Protection Structure (FOPS)	灭火器 Extinguisher 履带橡胶块 Crawler rubber block 铲斗 0.09m ³ (深沟斗) Bucket 0.09m ³ (deep trenching bucket) 快速连接器 Quick connector 破碎锤 Quartering hammer 液压拇指钳 Hydraulic thumb pliers	振动夯 Vibrating tamper 液压剪 Hydraulic shear 高频破碎机 High frequency breaker 贝壳斗 Clam shell bucket 抓管机 Pipe grabber 12V点烟器 12V Cigar lighter