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# XE15U 液压挖掘机

hydraulic excavator



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## 更节能环保 More energy-conservation and environmental protection

采用机械式喷油发动机，满足国三排放标准，动力强劲，节能环保。  
Mechanical fuel-injection engine is compliant with National III emission standard, with strong power, energy-saving and environmental.

- 关键液压件采用最新技术成果，能耗低，响应速度快，控制精准，能保持强大的挖掘能力和优异的作业效率。  
Key hydraulic components adopt up-to-date technological achievements, which have features of low energy consumption, fast response speed and accurate control so that strong digging force and excellent operating efficiency are ensured.



- 发动机和液压系统功率完美匹配，保证发动机在最佳油耗区工作，提高燃油利用率，节约使用成本。  
The power of engine and hydraulic system match perfectly so that the engine can work in optimum fuel consumption region to improve fuel efficiency and save use cost.

## 更高效回报 More efficient return

- 采用无尾式设计，保证狭窄工况作业，工作装置左右偏转角度分别为 60°、50°，可与上车回转实现复合操作，保证狭小空间内实现平行于墙面的挖掘。

The adoption of no-tail design ensures the machine work in narrow work conditions, the left and right angle of deflection of the working device is respectively 60° and 50°, it can realize complex operation together with superstructure slewing to realize the digging operation parallel with wall surface in narrow and small space.



- 底盘具有伸缩功能，可提高整车的通过能力。  
The chassis has telescoping function so that the passability of the whole vehicle can be improved.



- 新型彩色屏液晶监控器，符合人机工程学要求，自动控制功能更多，大大缩短故障排除时间。  
New color LCD monitor compliant with ergonomics requirements has more automatic control functions so that trouble removing time is greatly shortened.



## 更可靠耐用 More reliable and durable

- 四点支撑驾驶室，满足安全标准，保证强度同时提升视野，保障更高的作业安全性。  
Four-point supporting cab compliant with safety standard ensures the strength, meanwhile improves vision and guarantees higher operation security.





- 重点强化动臂、斗杆应力承受, 使用寿命提高。  
The stress bearing capability of boom and arm is emphatically strengthened so that their service lives are improved.



- 工作管路和线束内置, 更有效的防护提高使用寿命。  
The built-in pipelines and wiring harnesses give more efficient protection to improve service life.



- 优化下车架、箱式推土铲结构, 更加坚固、耐用。  
The lower frame and box-type dozer blade structure are optimized so that they are more solid and durable.



## 更舒适安全 More comfortable and safe

- 全新设计手托、杯托等, 更贴心的配置, 提高驾驶员操作舒适性和便捷性。  
More intimate configurations such as newly designed wrist rest and cup holder improve operating comfort and convenience of the driver.



符合人机的全新手托  
Ergonomic brand-new hand holder

- 全新设计可翻转式扶手箱, 有效增大通道尺寸。  
The newly designed reversible armrest effectively increase aisle dimension.



可翻转扶手箱  
Reversible armrest box

## 便捷的维护保养 Convenient repair and maintenance

- 便捷的维护保养, 触手可及。  
柴油滤清器、机油滤清器、油水分离器和空气滤清器设计便于地面检查与保养; 机油、启动电机、电瓶和副水箱检查和加注极其方便。  
Convenient maintenance and service at your fingertips.  
Diesel oil filter, oil filter, oil-water separator and air filter are all designed for easy check and service on the ground; the inspection and refilling of oil, starting motor, battery and auxiliary water tank are extremely convenient.



- 油、水加注便捷高效, 无需拆卸机罩, 可通过布置在转台底部的防冻液放水口、机油放油口、液压油放油口、柴油放油口实现轻松加注。  
The refilling of fuel and water is convenient and efficient, which can be easily realized from antifreeze drain port, oil drain port, hydraulic oil drain port and diesel oil drain port at the bottom of turntable without removal of hood.

- 电源总控布置于脚踏底板下方, 更易操作。  
The master power control devices are arranged under foot pedal baseboard, which is easier to be operated.

# 定制化 Customization

## 标准配置 Standard configuration XE15U

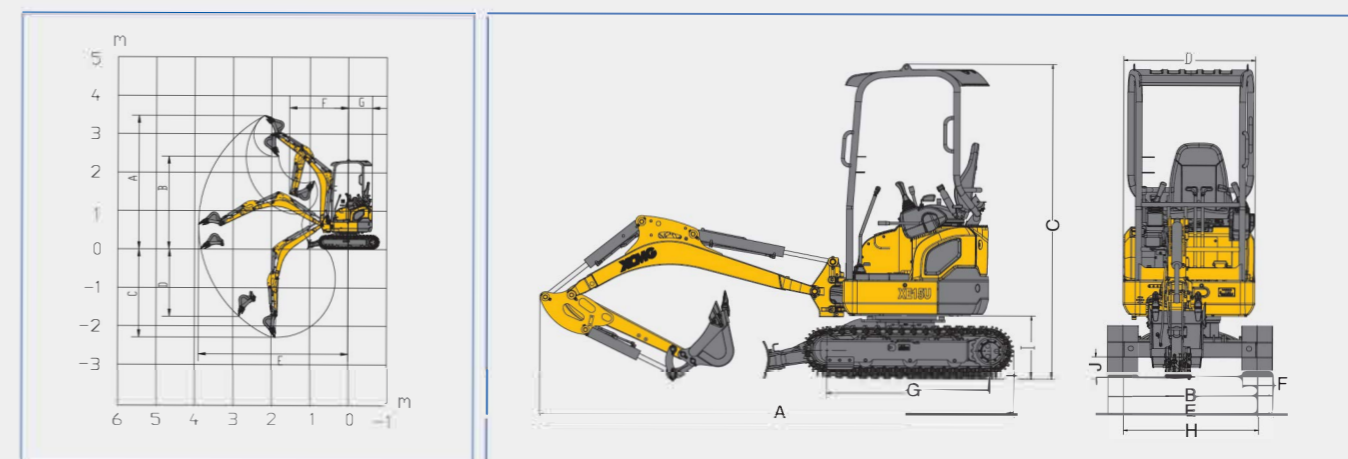
发动机 Engine	驾驶室与内饰 Cab and interior trim	安全与保安配置 Safety and security configuration
发动机型号 Engine type: D782 排放等级 Emission grade: 国三 National III 手动预热 Manual preheating 燃油粗滤器 Fuel strainer 油水分离器 Oil-water separator 燃油精滤器 Fuel filter 径向密封空气滤清器 Radial seal air filter 机油滤清器 Oil filter 可清洁的散热器 Cleanable Radiator 燃油油标 Fuel marker 油水快放装置 Oil-water quick release device 机械燃油转速控制 Mechanical fuel speed control	可调节座位扶手 Adjustable seat armrest 安全带 (51 mm [2"] 宽) Seat belt (51 mm [2"] wide) 可显示警告信息、滤清器/液体更换信息和工作小时数的彩色液晶显示屏 Color liquid crystal display capable of displaying warning information, filter / liquid replacement information and working hours 操纵手柄 Joysticks 装有可拆卸手动操纵杆的行驶控制踏板 Travel control pedal with detachable manual control lever 饮料杯架 Beverage cup holder 可清洗地板垫 Cleanable floor mat 高低速换挡 High and low gears shift 易清洁地板 Easy-to-clean floor 杯架/文件袋 Cup holder/envelope LCD液晶监视器 LCD liquid crystal monitor	警报喇叭 Alarm horn 蓄电池断路器 Battery circuit breaker 过热报警模式 Overheat alarm mode 安全扶手和踏板 Safety handrails and pedals 液压安全锁定杆 Hydraulic safety locking lever 前工作灯 Front work light 蜂鸣器 (根据国家要求) Buzzer (according to national requirements)
液压系统 Hydraulic system	底盘系统与护罩 Chassis system and shield	电气系统 Electrical system
unload阀 Unload valve 辅助液压阀 Auxiliary hydraulic valve 伸缩和推土切换回路 Retractable and bulldozer switching circuit 停车泄压 Stop pressure relief 直行液压回路 Straight hydraulic circuit 动臂保持阀 Boom retaining valve 行走复合功能 Compound function of walking P3泵合流 P3 pump confluence 液压油 ISO VG 46 Hydraulic oil ISO VG 46	底盘牵引环 Bottom frame traction ring 润滑油润滑履带 Grease lubricated track 保护装置套件: 底盘底部封板、行走马达封板 Protective device kit: chassis bottom sealing plate, travel motor sealing plate 230 mm (24") 双肋履带板 230 mm (24") double-rib track shoe 加宽底盘 Widening chassis 推土铲 Bulldozer shovel	蓄电池 (325 CCA) Battery (325 CCA) 40 A 交流发电机 40 A Alternator 1.2 kW 启动马达 1.2 kW starting motor
工作装置 Working device	照明灯 Lighting lamp	配重 Counterweight
动臂 1.83m Boom 1.83m 斗杆 0.95m Arm 0.95m 铲斗 0.04m³ 土方斗 Bucket 0.04m³ Earth working bucket	动臂工作灯 Boom lamp	192 KG 配重 192 KG counterweight
选装配置 Optional configuration	润滑系统 Lubrication system	回转集中 Rotary concentration
液压管路: 破碎锤和双回路 Hydraulic pipeline: breaking hammer and double circuit 液压油 ISO VG 32, 68 Hydraulic oil ISO VG 32, 68 后视镜 Rearview mirror 左右后视镜 Left and right rearview mirrors	配重后视镜 Counterweight rearview mirror 落物防护结构 (FOPS) Falling object protection structure (FOPS) 可伸缩安全带 (51 mm [2"] 宽) Retractable seat belt (51 mm [2"] wide) 灭火器 Fire extinguisher 工作辅具预留开关 Reserve switch for working aids	快速连接器 Quick connector 破碎锤 Breaking hammer 振动夯 Vibrating tamper

## 选装配置 Optional configuration XE15U

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## XE15U HYDRAULIC EXCAVATOR

## XE15U 液压挖掘机



## 主要参数 / Main Specifications

型号 Model	单位 UOM	参数 Parameters
操作重量 Operating weight	Kg	1795
铲斗容量 Bucket capacity	m³	0.04
发动机 Engine		
型号 Model	/	D782
直喷 Direct injection	/	✓
4冲程 Four stroke	/	✓
水冷 Water-cooling	/	✓
涡轮增压 Turbo	/	×
缸数 Number of cylinders	/	3
额定功率 Rated power	kW/rpm	9.8
最大扭矩/转速 Maximum torque / speed	N.m/rpm	44.5/1800
排量 Displacement	L	0.778
主要性能 Main performance		
行走速度 Walking speed	km/h	3.9/2.1
回转速度 Rotary speed	r/min	8.7
爬坡能力 Climbing ability	°	30
接地比压 Ground pressure	kPa	28.5
铲斗挖掘力 Bucket digging force	kN	16
斗杆挖掘力 Arm Digging Force	kN	10
最大牵引力 Maximum traction	kN	15.6
液压系统 Hydraulic system		
主泵 Main pump	/	/
主泵额定流量 Main pump rated flow	L/min	57.5
主安全阀压力 Main safety valve pressure	MPa	21.6
行走系统压力 Travel system pressure	MPa	21.6
回转系统压力 Rotary system pressure	MPa	11
先导系统压力 Pilot system pressure	MPa	3.9
油类容量 Oil capacity		
燃油箱容积 Fuel tank capacity	L	17
液压油箱容积 Hydraulic tank volume	L	18
发动机机油容量 Engine oil capacity	L	3.8

型号 Model	单位 UOM	参数 Parameters
外形尺寸 Outline dimension		
A 总长 Total length	mm	3560
B 总宽 Total width	mm	990/1240
C 总高 Total height	mm	2350
D 转台宽度 Table width	mm	990
E 底盘总宽 Overall width of chassis	mm	990/1240
F 履带宽度 Track width	mm	230
G 轮距 Tread	mm	1270
H 轨距 Gauge	mm	760/1010
I 配重离地间隙 Counterweight clearance	mm	450
J 最低离地间隙 Minimum ground clearance	mm	145
推土铲 (宽/高) Dozer (width / height)	mm	1240/258
工作范围 Scope of work		
A 最大挖掘高度 Max. mining height	mm	3475
B 最大卸载高度 Max unloading height	mm	2415
C 最大挖掘深度 Max. mining depth	mm	2290
D 最大垂直挖掘深度 Max. vertical mining depth	mm	1750
E 最大挖掘半径 Max. digging radius	mm	3900
F 最小回转半径 Min. turning radius	mm	1550
G 尾部最小回转半径 Min. turning radius	mm	620
推土铲最大提升高度 Max. lifting height of soil	mm	260
推土铲最大掘地深度 Max. digging depth of dozer	mm	180
标配 Standard		
动臂长度 Boom length	mm	1828
斗杆长度 Arm length	mm	950
斗容 Bucket capacity	m³	0.04

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