

# XE270E

# HYDRAULIC EXCAVATOR 液 压 挖 掘 机



## 适用工况 Working condition

适用于低排放城市及地区、钢厂、港口、高海拔地区工程作业、密闭隧道空间采掘等。  
Applicable to low-emission cities and regions, steel plant, harbor, high-latitude area and enclosed tunnel space.

## 环保零排放 Zero emission

实现尾气零排放，具有使用成本低，噪声小，效率高等特点。  
It has achieved exhaust gas zero emission goal, and is characterized by low operating cost, low noise and high efficiency, etc.

采用超大容量电池组设计，总容量达到 525.1kW/h，双直流电枪充，充电时间短，工作时间长。  
It adopts a battery pack with super large capacity, whose total volume reaches 525.1kW/h, and the battery can be charged with double DC electronic runner, which shortens charging time and prolongs service time.

## 更高效回报 More efficient return

全新正流量分泵独立控制主泵，可实现双泵功率分别控制，液压元件按需给油，有效降低了中位回流损失，响应速度快。  
The all positive flow slave cylinder independently controls the main pump, with which, separate control of dual pumps powers can be realized; on-demand oil supply is fulfilled on hydraulic components, which greatly reduces mid-way return loss and has quick responding speed.

具有“可靠性高、压损小、流量分配效率高、复合动作流畅”等突出优点；  
It has following outstanding advantages: "high reliability, little pressure loss, high flow distribution efficiency and smooth compound movement";

## 针对多样化的施工工况，我们为客户提供 质量可靠，性能先进的多功能属具

We provide customers with high-quality and advanced multi-functional accessories to apply to diversified construction conditions.

极大的拓展了挖掘设备的功能，充分延伸了挖掘设备的作业范围，持续提升创造更多的价值和超高的收益。  
This greatly expands functions of mining equipment, fully extends the operating scope of mining equipment, and contributes to create more values and super high incomes for you.

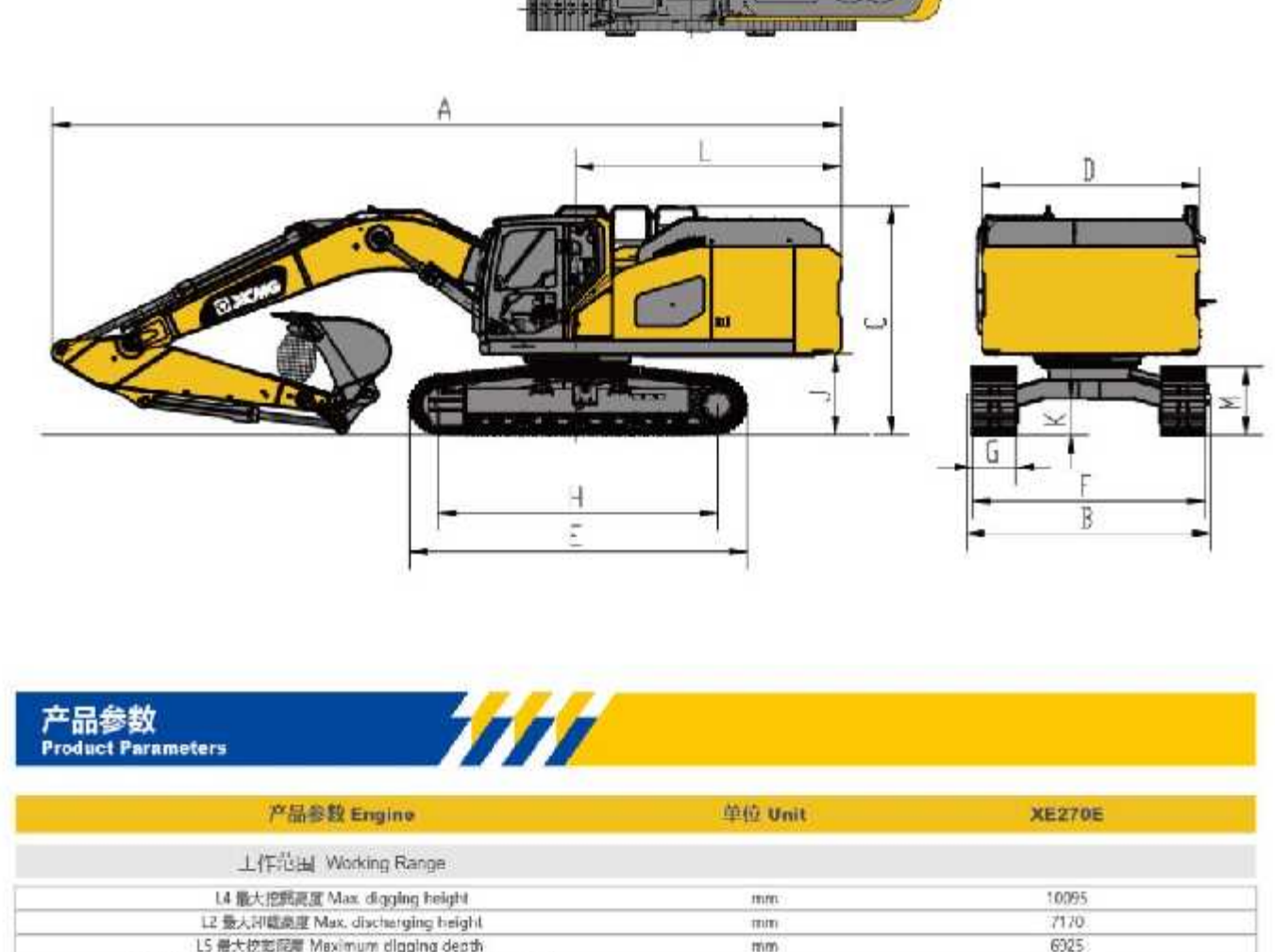
<b>挖斗专用三角形破碎锤</b> TCAWG excavator triangle breaker	<b>鹰爪</b> Eagle's beak excavator	<b>夯实器</b> Tamp-er	<b>快速连接器</b> Quick connector
<b>适用范围:</b> 墙体拆除和破碎、水泥石灰的破碎、罐壁破碎和拆除以及土壤的破碎。 Application scope: Sledge hit and steel removal, concrete pavement breaking, building demolition and crushing of reinforced concrete, etc.	<b>适用范围:</b> 拆废汽车拆解和再生资源专用设备，适用于重废车破碎、卸、废钢、废铝、拆桥机等破碎拆除设备。 Application scope: Special equipment for dismantling scrapped vehicles and recycling processes is suitable for crushing large heavy vehicles, steel slabs, metals, ship, bridge and other steel to scrap facilities.	<b>适用范围:</b> 路面公路维护、渣沟渠的夯实等。 Application scope: Highway strip protection, ditch and ditch tapping, etc.	<b>适用范围:</b> 快速拆卸二代挖斗器具属具。 Application scope: Quick line of TCAWG excavator accessories.
<b>打桩机</b> Pile driver	<b>莲花抓</b> Lotus claw	<b>粉碎钳</b> Crushing jaw	<b>重型双缸回转液压剪</b> Heavy double-cylinder rotary hydraulic shear
<b>适用范围:</b> 适用于桥梁、隧道、码头等深基坑支护等工程打桩。 Application scope: It applies for making steel shaft pile for large-scale engineering of bridges, collectors, wharf and deep foundation pit support.	<b>适用范围:</b> 建筑垃圾、废铁、废钢、矿渣、碎屑等建筑垃圾的回收工具。 Application scope: Effective tools for handling angular and bulky materials such as steel scrap, pig iron, iron and garbage.	<b>适用范围:</b> 道路施工、爆破、二次结构以及混凝土二次结构。 Application scope: Control of rubble and the separation of reinforced-concrete and concrete.	<b>适用范围:</b> 矿山、拆房、拆桥、拆坝等工程。 Application scope: Demolition of waste pipe workshop, submersible etc.
<b>抓木器</b> Log grapple	<b>抓钳器</b> Lifter	<b>拆车剪</b> Vehicle breaking shear	<b>直行破碎锤</b> Straight breaker
<b>适用范围:</b> 木材、石材等搬运与卸载。 Application scope: for loading and unloading wood and stone.	<b>适用范围:</b> 废钢回收、废铁、木头的装卸等。 Application scope: Lifting of construction waste, stone tools, woods, etc.	<b>适用范围:</b> 拆废汽车拆解和再生资源专用设备。 Application scope: Special equipment for dismantling and recycling of scrapped vehicles.	<b>适用范围:</b> 矿山、拆房、拆桥、拆坝等工程。 Application scope: Mining, road fragmentation, municipal landscape reconstruction, bulking demolition, reinforced concrete crushing etc.

## 产品参数 Product Parameters

产品参数 Engine	单位 Unit	XE270E	产品参数 Engine	单位 Unit	XE270E
<b>产品参数 Engine</b>					
主要性能 Main Performance					
行走速度 Roll-on speed	km/h	54/3.5	行走速度 Roll-on speed	r/min	11
回转速度 Rotation speed	r/min	±30	回转速度 Rotation speed	r/min	11
爬坡能力 Grade ability	°	±30	回转速度 Rotation speed	r/min	11
额定斗压 Rated bucket digging force	kN	105	行走速度 Roll-on speed	r/min	11
斗杆挖掘力 Arm digging force	kN	179	行走速度 Roll-on speed	r/min	11
最大牵引力 Max. traction	kN	220	行走速度 Roll-on speed	r/min	11
液压系统 Hydraulic System					
液压油箱容量 Hydraulic oil tank volume	L	320	行走速度 Roll-on speed	r/min	11
液压系统 Hydraulic System					
主泵额定流量 Main pump rated flow	L/min	2×238	行走速度 Roll-on speed	r/min	11
主安全阀压力 Main safety valve pressure	MPa	34.3/37	行走速度 Roll-on speed	r/min	11
行走泵额定压力 Main system pressure	MPa	34.3	行走速度 Roll-on speed	r/min	11
翻转泵额定压力 Flipping system pressure	MPa	31	行走速度 Roll-on speed	r/min	11
先导泵额定压力 Pilot system pressure	MPa	3.9	行走速度 Roll-on speed	r/min	11
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外形尺寸 Overall Dimensions		
A 总长 Total length	mm	10625
B 总宽 Total width	mm	3347
C 总高 Total height	mm	3150
D 回转宽度 Turntable width	mm	2500
E 履带长度 Track length	mm	4630
F 底盘总宽 Chassis overall width	mm	3347
G 履带宽度 Track width	mm	600
H 履带轴距 Track wheel base	mm	3837
I 轴距 Track gauge	mm	2500
J 配置履带时最低离地间隙 Counterweight ground clearance	mm	1110
K 最低离地间隙 Lowest ground clearance	mm	490
L 最小转弯半径 Tall min. turning radius	mm	3645
M 履带高度 Track height	mm	940



## 产品参数 Product Parameters

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工作范围 Working Range		
L4 最大挖掘高度 Max. digging height	mm	10995
L2 最大挖掘高度 Max. digging height	mm	7170
L5 最大挖掘深度 Maximum digging depth	mm	6925
L7 6度或15度水平挖掘深度 Max. horizontal plane digging depth	mm	6700
L3 最大垂直挖掘深度 Max. vertical digging depth	mm	5700
L1 最大挖掘半径 Max. digging radius	mm	18740

