

# XR360E 旋挖钻机

XR360E Rotary Drilling Rig



## 性能特点

优化设计的双动臂变幅机构，优化铰点位置，兼顾施工稳定性与转场运输便捷性；  
 采用旋挖钻机专用H型液压伸缩式履带底盘，装备大直径回转支承，保证了超强的稳定性和运输的便捷性；  
 采用进口沃尔沃发动机，动力强劲，有效降低了燃油消耗和使用成本；  
 液压系统采用负荷传感技术，叠加总功率控制与极限功率控制技术，使液压系统效率更高，更节能，独立散热器系统，散热效率高；  
 徐工专有的单排绳主卷扬结构，有效的解决了钢丝绳“咬绳”问题，大大延长了钢丝绳的使用寿命；  
 动力头拥有普通模式和入岩模式，分别针对土层和岩层作业，提高了施工效率，动力头具有自动旋转功能，可在普通模式和入岩模式下转速连续可调；

标配集中润滑系统，维护保养更便捷，提高工作可靠性。

## Technical Characteristics

Optimally designed double swing arm luffing mechanism and optimized hinge point position take account of the construction stability and the transportation convenience at the same time;  
 Dedicated H-type hydraulic retractable crawler chassis for rotary drilling rigs with large-diameter slewing bearing ensures superior stability and convenient transportation;  
 Imported Volvo engine with strong power effectively reduces fuel consumption and use costs;  
 The hydraulic system adopts load sensing technology with total power control and limit power control, making the system more efficient and energy-saving, independent radiator system provides high heat dissipation efficiency;  
 The proprietary single-row rope main winch of XCMG effectively solves the twine problem and greatly prolongs the service life of wire rope;  
 The rotary drive owns normal mode special for soil layers and rock-entering mode special for rock formations, which improves construction efficiency, the autorotation of rotary drive can achieve continuous adjustments of speed in normal mode and rock-entering mode;  
 Standard centralized lubrication system makes the maintenance more convenient and improves working reliability.



## 主要技术参数

## Main Technical Specification

参数名称 Type	单位 Unit	参数 Parameter	
最大钻孔直径 Max. drilling diameter	m	φ 2.6/φ 2.3*	
钻杆配置/钻深 Kelly bar configuration/drilling depth	m	JS530-4 × 17.0/61 (标配 Standard)	
		JS530-4 × 18.0/65 (选配 Optional)	
		MZ530-5 × 17.0/77 (选配 Optional)	
		MZ530-5 × 18.0/82 (选配 Optional)	
		MZ530-6 × 17.0/91 (特配 Special)	
		MZ530-6 × 18.0/97 (特配 Special)	
发动机 Engine	型号 Model	TAD1353VE	
	功率 Power	345	
动力头 Rotary drive	最大输出扭矩 Max. output torque	360	
	转速 Rotary speed	6-27	
加压油缸 Crowd cylinder	最大加压力 Max. pull-down piston push	300	
	最大提升力 Max. pull-down piston pull	350	
	最大行程 Max. pull-down piston stroke	6	
加压卷扬 Crowd winch	最大加压力 Max. pull-down piston push	300	
	最大提升力 Max. pull-down piston pull	350	
主卷扬 Main winch	最大行程 Max. pull-down piston stroke	10/16	
	最大提升力 Max. pulling force	370	
副卷扬 Auxiliary winch	最大卷扬速度 Max. speed	60	
	最大提升力 Max. pulling force	100	
钻桅倾度 Mast inclination	最大卷扬速度 Max. speed	41	
	侧向/前倾/后倾 Lateral/forwards/backwards	± 5/5/15	
底盘 Undercarrige	最大行走速度 Max. traveling speed	1.3	
	最大爬坡度 Max. grade ability	35	
	最小离地间隙 Min. clearance	450	
	履带板宽度 Track shoe width	800	
液压系统 Hydraulic system	履带最大总宽 Distance between tracks	3500-4900	
	工作压力 Working pressure	33	
整机质量 Overall weight	t	115	
外形尺寸 Dimension	工作状态 Working condition	mm	10870 × 4900 × 25820
	运输状态 Transportation condition	mm	20650 × 3500 × 3845

注：带“\*”的参数为卷扬加压配置对应参数。

Parameters with “\*” refer to the ones of crowd winch configuration.