

XR180D/II 旋挖钻机

Rotary Drilling Rig

性能特点

专用液压伸缩式履带底盘，重型回转支承，整机稳定性高；
 单排绳主卷扬结构，钢丝绳寿命大大延长，使用成本更低；
 进口康明斯发动机，动力强劲，足够的功率储备满足高原施工，排放满足欧Ⅲ标准；
 采用CAN总线技术，简化了液压管路、提高整车的可靠性，充分体现了人、机、液、电的一体化。

可选卷扬加压、套管驱动，长螺旋，搓管机，气动潜孔锤等多功能配置，满足用户多种需求；
 标配集中润滑系统，维护保养更便捷。

整机符合欧盟CE要求。

Performance Characteristics

It adopts dedicated hydraulic retractable crawler chassis and heavy slewing bearing and has high stability;

It adopts the front-located single-rope main winch structure to greatly prolong the service life of steel wire rope and lower the use cost.

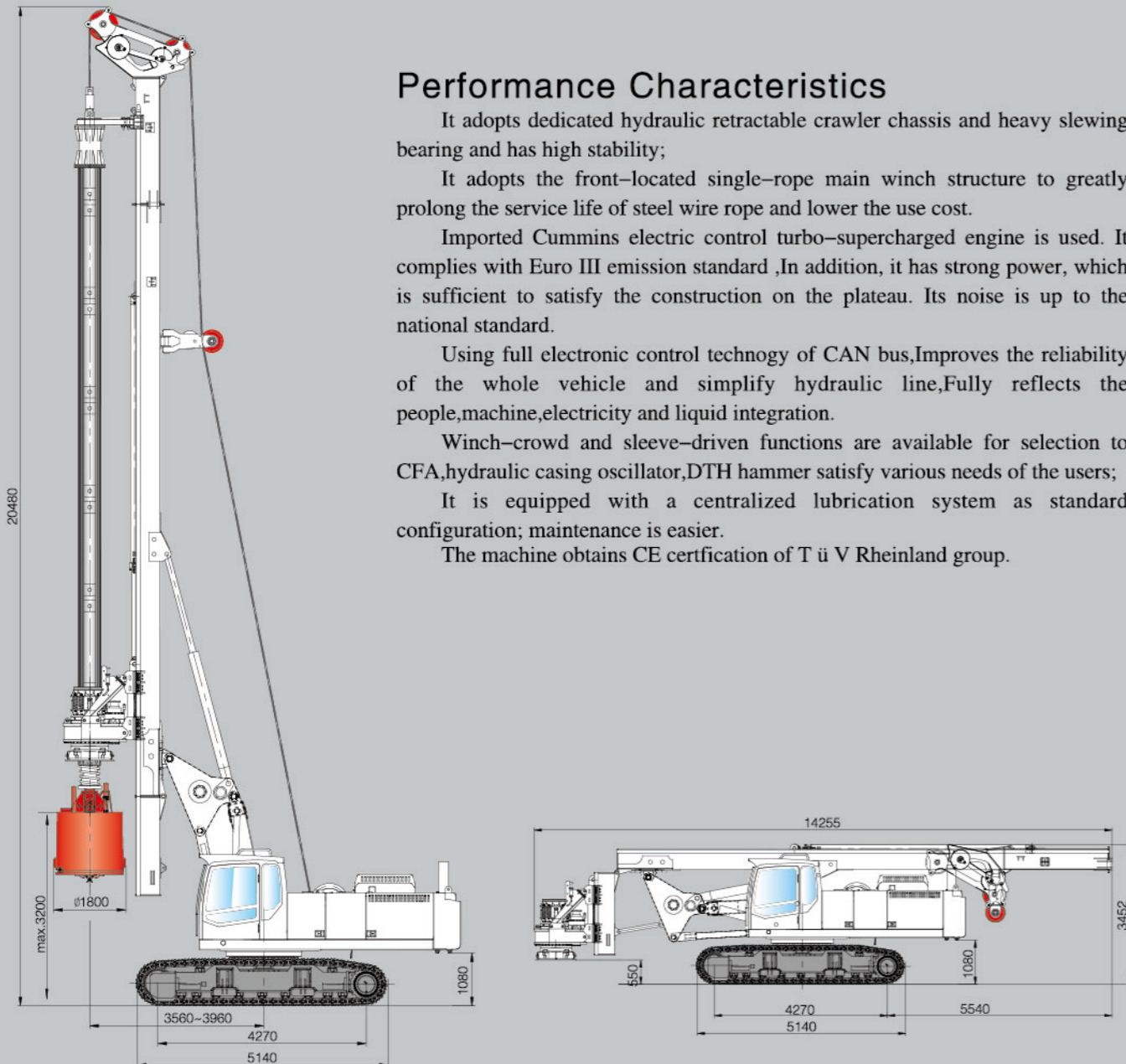
Imported Cummins electric control turbo-supercharged engine is used. It complies with Euro III emission standard. In addition, it has strong power, which is sufficient to satisfy the construction on the plateau. Its noise is up to the national standard.

Using full electronic control technology of CAN bus, Improves the reliability of the whole vehicle and simplify hydraulic line, Fully reflects the people, machine, electricity and liquid integration.

Winch-crowd and sleeve-driven functions are available for selection to CFA, hydraulic casing oscillator, DTH hammer satisfy various needs of the users;

It is equipped with a centralized lubrication system as standard configuration; maintenance is easier.

The machine obtains CE certification of T ü V Rheinland group.



XR180D/II 旋挖钻机主要技术参数

Main Technical Data of XR Series Multi-functional Combined Rotary Drilling Rig

主要技术参数 Main Technical Specification				
发动机 Engine	型号 Model		QSB6.7-C260	
	额定功率 Rated Power	kW	194	
动力头 Rotary Drive	最大输出扭矩 Max. output torque	kN · m	180	
	转速 Rotary speed	标准模式 Standard mode 工作速度 Working speed	r/min	7-27/6-33*
		高速模式 High speed mode 掘土速度 Spin off speed		6-25* 72 ± 2*
最大钻孔直径 Max. Drilling Diameter	mm	φ 1800/φ 1600*		
最大钻孔深度 Max. Drilling Depth	m	标配60(摩阻5节), 选配46m(机锁4节)		
加压油缸 Pull-Down Cylinder	最大压力 Max. pull-down piston push	kN	160	
	最大提升力 Max. pull-down piston pull	kN	180	
	最大行程 Max. pull-down piston stroke	m	5	
加压卷扬 Crowd Winch	最大加压力 Max. pull-down piston push	kN	210*	
	最大提升力 Max. pull-down piston pull	kN	210*	
	最大行程 Max. pull-down piston stroke	m	13*	
主卷扬 Main Winch	最大提升力 Max. Pulling force	kN	180	
	最大单绳速度 Max. line speed	m/min	65	
副卷扬 Auxiliary Winch	副卷扬提升力 Max. Pulling force	kN	50	
	副卷扬最大单绳速度 Max. line speed	m/min	70	
钻桅倾度 Mast Rake	侧向 / 前倾 / 后倾 Side/forwards/backwards		± 3° / 5° / 15°	
底盘 Undercarrige	最大行走速度 Max. traveling speed	km/h	1.5	
	整机最大爬坡度 Max. grade ability	%	35	
	最小离地点间隙 Min. Clearance	mm	350	
	履带板宽度 Track shoe width	mm	700	
	履带外宽 (最小-最大) Distance between tracks	mm	2960 ~ 4200	
液压系统 Hydraulic System	工作压力 Working pressure	MPa	35	
整机工作质量 Overall Drilling Weight	t	58		
外形尺寸 Dimension	工作状态 Working condition	mm	8350 × 4200 × 20480	
	运输状态 Transportation condition	mm	14255 × 2960 × 3450	

注：带“*”的参数为XR180D II对应的技术参数

