

# XR220D/II 旋挖钻机

Rotary Drilling Rig

## 性能特点

采用单层绳主卷扬，有效解决钢丝绳磨损问题，提高钢丝绳使用寿命；  
 安装了红外摄像头，在驾驶室就能昼夜观察主卷钢丝绳使用情况；  
 可根据用户要求进行多种配置（如：支腿油缸，自动回转，卷扬加压长螺旋，搓管机，气动潜孔锤），扩展性好；  
 选用康明斯电控涡轮增压发动机，满足欧Ⅲ排放标准，节能环保，动力强劲；  
 液压系统采用极限功率控制和正流量控制，使液压系统效率更高，更加节能；  
 拥有专利的平行四边形变幅机构，实现了大范围的工作区域，钻桅设计为高强材质的箱形结构，较高的强度与刚性，可有效保证钻孔精度；  
 整机通过德国莱茵公司欧盟CE认证；  
 标配集中润滑系统，维护保养更便捷。

## Performance Characteristics

The machine adapt single row rope for main winch to figure out the wear of steel rope. and extend the life-span;

With infrared camera for observing main winch , Manipulator can observe the state of steel rope at day and night in cab;

Optional configuration according to customers' requirement (Eg: support cylinder , automatic positioning of slewing , Optional configuration according to customers' requirement ( supporting cylinder , automatic positioning of slewing , crowd winch with CFA, hydraulic casing oscillator , DTH hammer ) has good expansibility.

Adopting the supercharged CUMMINS engine with European III effluent standard. Meet environmental protection and energy conservation . Super power;

With the hydraulic pressure system adopted threshold power control and positive flow control, the system acquired high efficiency and higher energy conservation;

The patented parallelogram articulated structure actualizes a wider work range . The highly strengthened box-type steel structure design makes the mast of highly-rigidity and anticontored , therefore the drill accuracy is heightened;

The machine has passed CE certification of TÜV Rheinland group;

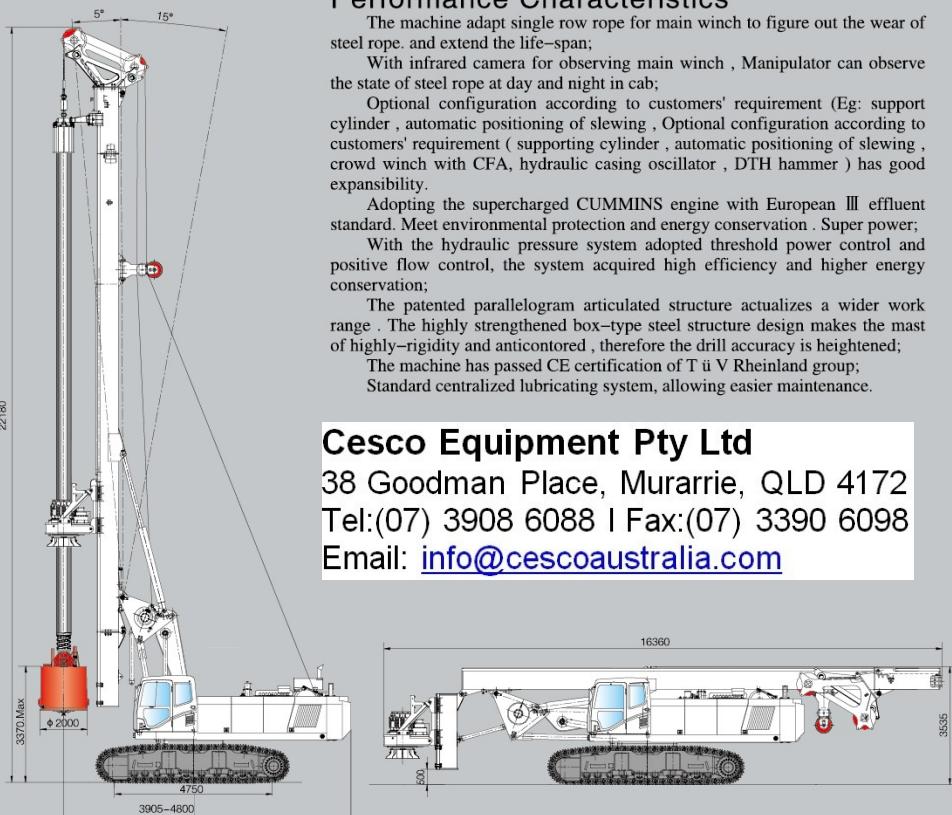
Standard centralized lubricating system, allowing easier maintenance.

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**XR220D/II 旋挖钻机主要技术参数**  
 XR220D/II Main Technical Parameters

主要技术参数 Main Technical Specification		
发动机 Engine	型号 Model	CUMMINS QSL-325
	额定功率 Rated Power	kW 242
动力头 Rotary Drive	最大输出扭矩 Max. output torque	kN·m 220
	转速 Rotary speed	r/min 7~25 / 7~22*
	最大钻孔直径 Max. Drilling Diameter	mm ⌀2000
	最大钻孔深度 Max. Drilling Depth	m 67, 特配80 67, Special designed80
加压油缸 Crowd cylinder	最大压力 Max. pull-down piston push	kN 200
	最大提升力 Max. pull-down piston pull	kN 200
	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 250*
	最大提升力 Max. pull-down piston pull	kN 250*
	最大行程 Max. pull-down piston stroke	m 15*
主卷扬 Main Winch	最大提升力 Max. Pulling force	kN 230
	最大卷扬速度 Max. line speed	m/min 70
副卷扬 Auxiliary Winch	最大提升力 Max. Pulling force	kN 80
	最大卷扬速度 Max. line speed	m/min 60
钻桅倾度 Mast Rake	侧向 / 前倾 / 后倾 Side/forwards/backwards	± 4° / 5° / 15°
底 盘 Undercarriage	最大行走速度 Max. traveling speed	km/h 1.5
	最大爬坡度 Max. grade ability	% 35
	最小离地点间隙 Min. Clearance	mm 445
	履带板宽度 Track shoe width	mm 800
	履带最大总宽 Distance between tracks	mm 3250~4400
液压系统 Hydraulic System	工作压力 Working pressure	MPa 35
整机工作质量 Overall Drilling Weight	t	76 / 78*
外形尺寸 Dimension	工作状态 Working condition	mm 8968×4400×22180 8968×4400×22688*
	运输状态 Transportation condition	mm 16360×3250×3535 16785×3250×4305*

注：带“\*”的参数为XR220D II 对应的技术参数

Note: Parameters with "\*" are technical parameters of XR220D II