

FR220X

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，卷扬加压系统），扩展性好。

选用进口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 , Croed Winch tyro) Excellent expansibility.

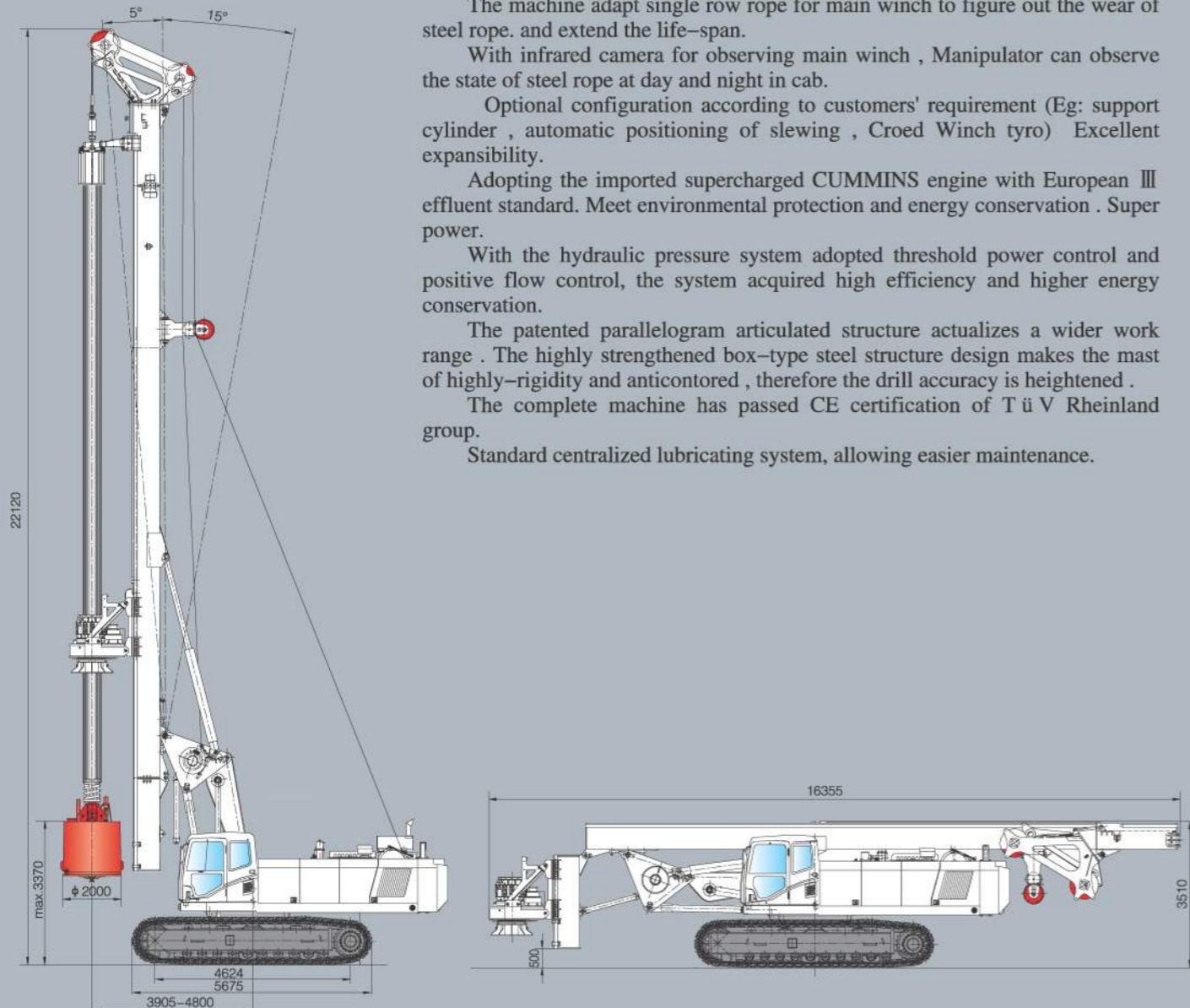
Adopting the imported supercharged CUMMINS engine with European III effluent standard. Meet environmental protection and energy conservation . Super power.

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 complete machine has passed CE certification of T ü V Rheinland group.

Standard centralized lubricating system, allowing easier maintenance.



FR220X 旋挖钻机主要技术参数

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

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 ~ 22
最大钻孔直径 Max. Drilling Diameter		mm	φ 2000
最大钻孔深度 Max. Drilling Depth		m	67, 特配80
加压油缸 Pull-Down 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 Undercarrige	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	468
	履带板宽度 Track shoe width	mm	800
	履带最大总宽 Distance between tracks	mm	3500 ~ 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	70
外形尺寸 Dimension	工作状态 Working condition	mm	10260 × 4400 × 22120
	运输状态 Transportation condition	mm	16355 × 3500 × 3510