

# FR150X-II

## 旋挖钻机 Rotary Drilling Rig

### 性能特点

采用原装进口康明斯涡轮增压发动机，动力强劲，性能可靠，独特的调速率设计，让您更省油。

可伸缩专用旋挖钻底盘，配备双箱体式变幅机构，便于运输与调整，保证工作稳定性与可靠性。

进口川崎液压原件，动力系统匹配合理，施工效率高。

GPS全球卫星定位系统应用，整机工况实现远程数据分析，并具有远程实时监控、远程故障诊断功能。

具有自主知识产权的智能控制系统，CAN总线和PLC控制系统的应用，包括钻桅垂直度自动/手动调整、深度自动检测显示、智能故障诊断控制等。

### Performance Characteristics

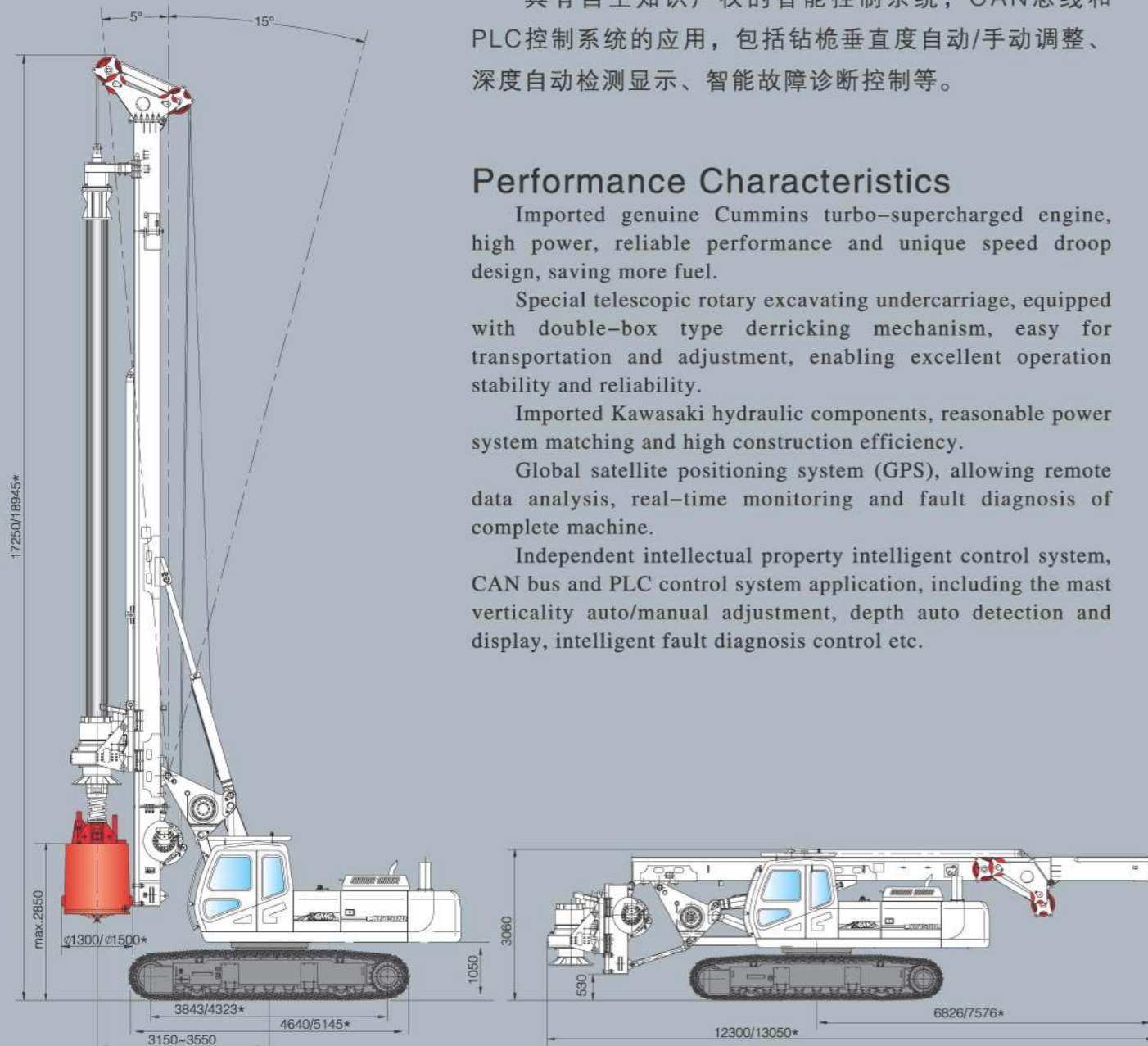
Imported genuine Cummins turbo-supercharged engine, high power, reliable performance and unique speed droop design, saving more fuel.

Special telescopic rotary excavating undercarriage, equipped with double-box type derricking mechanism, easy for transportation and adjustment, enabling excellent operation stability and reliability.

Imported Kawasaki hydraulic components, reasonable power system matching and high construction efficiency.

Global satellite positioning system (GPS), allowing remote data analysis, real-time monitoring and fault diagnosis of complete machine.

Independent intellectual property intelligent control system, CAN bus and PLC control system application, including the mast verticality auto/manual adjustment, depth auto detection and display, intelligent fault diagnosis control etc.



### FR150X-II 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 B5.9-C
	额定功率 Rated Power	kW	133
动力头 Rotary Drive	最大输出扭矩 Max. output torque	kN·m	150
	转速 Rotary speed	r/min	8~28
最大钻孔直径 Max. Drilling Diameter		mm	$\phi 1300, \phi 1500^*$
最大钻孔深度 Max. Drilling Depth		m	55
加压油缸 Pull-Down Cylinder	最大压力 Max. pull-down piston push	kN	120
	最大提升力 Max. pull-down piston pull	kN	160
	最大行程 Max. pull-down piston stroke	m	3.5
主卷扬 Main Winch	最大提升力 Max. Pulling force	kN	145, 155*
	最大卷扬速度 Max. line speed	m/min	75
副卷扬 Auxiliary Winch	最大提升力 Max. Pulling force	kN	50
	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		$\pm 3^\circ / 5^\circ / 15^\circ$
底盘 Undercarrige	最大行走速度 Max. traveling speed	km/h	3.2
	最大爬坡度 Max. grade ability	%	40
	最小离地点间隙 Min. Clearance	mm	352
	履带板宽度 Track shoe width	mm	800, 700*
	履带最大总宽 Distance between tracks	mm	3200 ~ 4200, 3100 ~ 4100*
液压系统 Hydraulic System	工作压力 Working pressure	Mpa	32
整机工作质量 Overall Drilling Weight		t	47,49*
外形尺寸 Dimension	工作状态 Working condition	mm	7122X4200X17250/7122X4100X18945*
	运输状态 Transportation condition	mm	12300X3200X3060/13050X3100X3060*

注：带“\*”的参数为FR150X-II对应的技术参数

