

XR320D 旋挖钻机

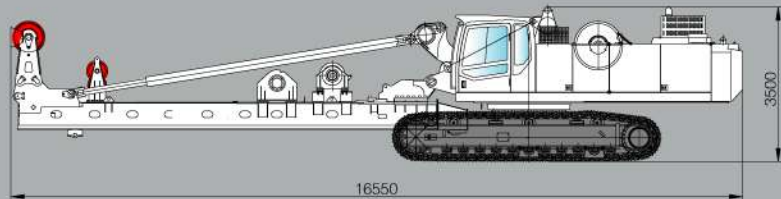
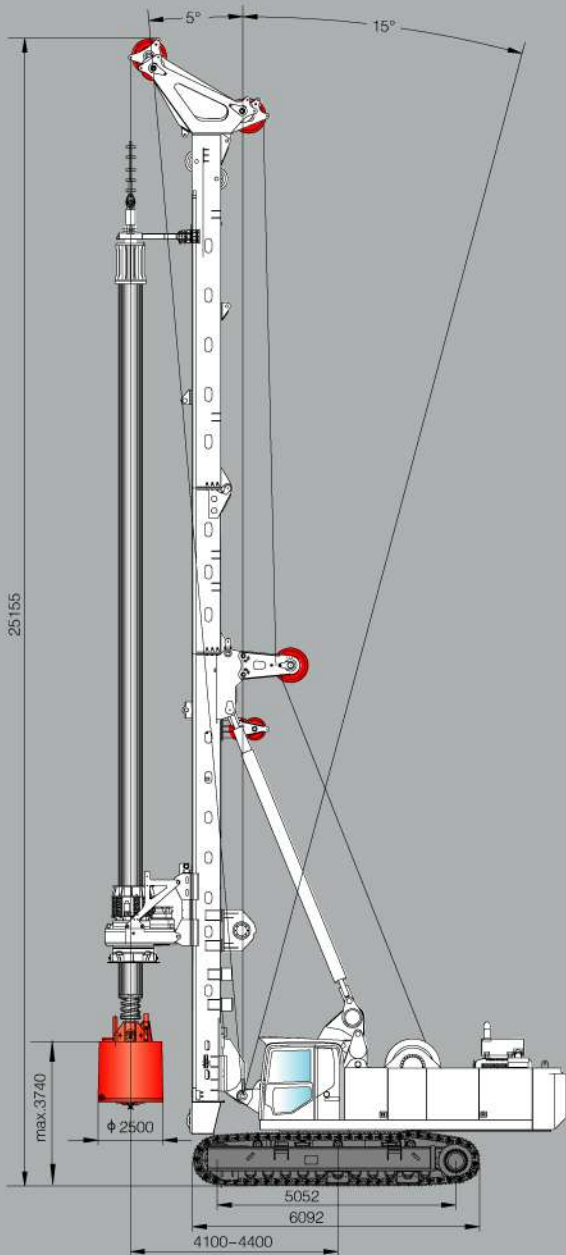
Rotary Drilling Rig

性能特点

- 专用液压伸缩式履带底盘，重型回转支承，整机稳定高；
- 采用大三角变幅机构，保证了在大孔深桩硬地层施工的稳定；
- 前置单排绳主卷扬结构，钢丝绳寿命大大延长，使用成本更低；
- 进口的康明斯涡轮增压发动机拥有三档控制，用户可根据工况相应选择档位，实现一台钻机达到三台发动机的功效；
- 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；
- 可选卷扬加压、套管驱动功能，满足用户多种需求；
- 标配集中润滑系统，维护保养更便捷。
- 整机通过德国莱茵公司欧盟CE认证。

Performance Characteristics

- It adopts dedicated hydraulic retractable crawler chassis and heavy slewing bearing and has high stability.
- It adopts the luffing mechanism of large triangle form to ensure the stability of construction of big holes and deep piles in hard formation.
- 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.
- According to specific working conditions, the users can select a corresponding gear of the imported Cummins turbo-supercharged engine with three gears, getting the drilling rig working as three engines.
- Unit head can switch between Normal Mode and Rock Cracking Mode which are applicable for soil and rock excavation respectively, improving the efficiency.
- Winch pressurization and sleeve drive are both available for selection to meet users' various demands.
- It is equipped with a centralized lubrication system as standard configuration; maintenance is easier.
- The complete machine has passed CE certification of T ü V Rheinland group.



XR320D 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		CUMMINS QSM11-C400
	额定功率 Rated Power	kW	298
动力头 Rotary Drive	最大输出扭矩 Max. output torque	kN · m	320
	转速 Rotary speed	r/min	7 ~ 21
最大钻孔直径 Max. Drilling Diameter		mm	φ 2500/ φ 2300 (卷扬加压)
最大钻孔深度 Max. Drilling Depth		m	90
加压油缸 Pull-Down Cylinder	最大压力 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	6.0
加压卷扬 Crowd Winch	最大加压力 Max. pull-down piston push	kN	330
	最大提升力 Max. pull-down piston pull	kN	350
	最大行程 Max. pull-down piston stroke	m	16
主卷扬 Main Winch	最大提升力 Max. Pulling force	kN	280
	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	100
	最大卷扬速度 Max. line speed	m/min	65
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	3500 ~ 4800
液压系统 Hydraulic System	工作压力 Working pressure	Mpa	35
整机工作质量 Overall Drilling Weight		t	95
外形尺寸 Dimension	工作状态 Working condition	mm	10480 × 4800 × 25155
	运输状态 Transportation condition	mm	16550 × 3500 × 3500

