

性能特点

采用旋挖钻机专用液压伸缩式履带底盘，满足超强的稳定性和运输的便捷性；采用进口康明斯涡轮增压发动机（欧Ⅲ排放阶段），动力强劲，足够的动力储备满足高原施工，噪音、排放达到国家标准；恒功率最佳动力输出，使整机处于最佳工作状态；

主副液压系统均采用负荷传感技术，使液压系统效率更高，更节能；采用重载液压元件，满足旋挖钻机各种工况；

拥有专利的平行四边形铰接机构实现了较大范围的工作区域，钻桅设计为高强度材质的箱形结构，较高的刚性与抗扭曲性，有效地保证了钻孔精度，各铰接均采用免润滑轴承，转动灵活自如；360°上车回转任意角度排渣；

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、回转角度自动显示、智能故障诊断控制等；

动力头采用三个减速机驱动，满足大扭转输出；

标配集中润滑系统，维护保养更便捷。

Technical Characteristics

The special hydraulic chassis for the rotating drill with extensible crawler is provided with the excellent stability and is convenient to transport, the imported Cummins turbo-supercharged engine (meeting EU-III standard) is powerful, and has sufficient power reserve, which can be operated in plateau, its noise and emission meet the national standards; the constant power and the best output enable the complete machine to function at its best;

The main and auxiliary hydraulic systems all adopt the technique of load sensor, which can increase the efficiency of hydraulic system and save energy; it uses heavy load hydraulic units to satisfy the all kinds operating status of drill;

The patented parallelogram hinge mechanism enlarges the work area;

Independent intellectual property rights of the intelligent control system, the application of CAN bus and the PLC control system, including the automatic and manual adjustment of the perpendicularity of the drill mast, the automatic display of the drilling depth, rotary automatic positioning control and the intellectual fault diagnosis control;

Three speed reducers are used in the power head, it can output high torque, the drill mast, which is made of the materials with high strength, is designed to box structure, the higher rigidity and anti-distortion can ensure the drilling accuracy effectively, the hinge provided with the bearing exempt from lubrication can turn neatly, the slag can be discharged at any point of 360° rotation;

Standard centralized lubricating system, allowing easier maintenance.



主要技术参数

Main Technical Specification

参数名称 Type	单位 Unit	参数 Parameter
最大钻孔直径 Max. drilling diameter	m	φ 2.5
钻杆配置/钻深 Kelly bar configuration/drilling depth	m	JS508-4 × 17.0/62 (标配 Standard)
		JS508-4 × 18.7/69 (选配 Optional)
		MZ508-5 × 17.1/78 (选配 Optional)
		MZ508-6 × 17.1/92 (特配 Special)
发动机 Engine	型号 Model	QSM11-C400
	功率 Power	298
动力头 Rotary drive	最大输出扭矩 Max. output torque	360
	转速 Rotary speed	5-20
加压油缸 Crowd cylinder	最大加压力 Max. pull-down piston push	240
	最大提升力 Max. pull-down piston pull	320
	最大行程 Max. pull-down piston stroke	6
加压卷扬 Crowd winch	最大加压力 Max. pull-down piston push	/
	最大提升力 Max. pull-down piston pull	/
	最大行程 Max. pull-down piston stroke	/
主卷扬 Main winch	最大提升力 Max. pulling force	320
	最大卷扬速度 Max. speed	72
副卷扬 Auxiliary winch	最大提升力 Max. pulling force	100
	最大卷扬速度 Max. speed	65
钻桅倾度 Mast inclination	侧向/前倾/后倾 Lateral/forwards/backwards	°
	最大行走速度 Max. traveling speed	km/h
	最大爬坡度 Max. grade ability	%
底盘 Undercarrige	最小离地间隙 Min. clearance	mm
	履带板宽度 Track shoe width	mm
	履带最大总宽 Distance between tracks	mm
液压系统 Hydraulic system	工作压力 Working pressure	MPa
整机质量 Overall weight		t
外形尺寸 Dimension	工作状态 Working condition	mm
	运输状态 Transportation condition	mm