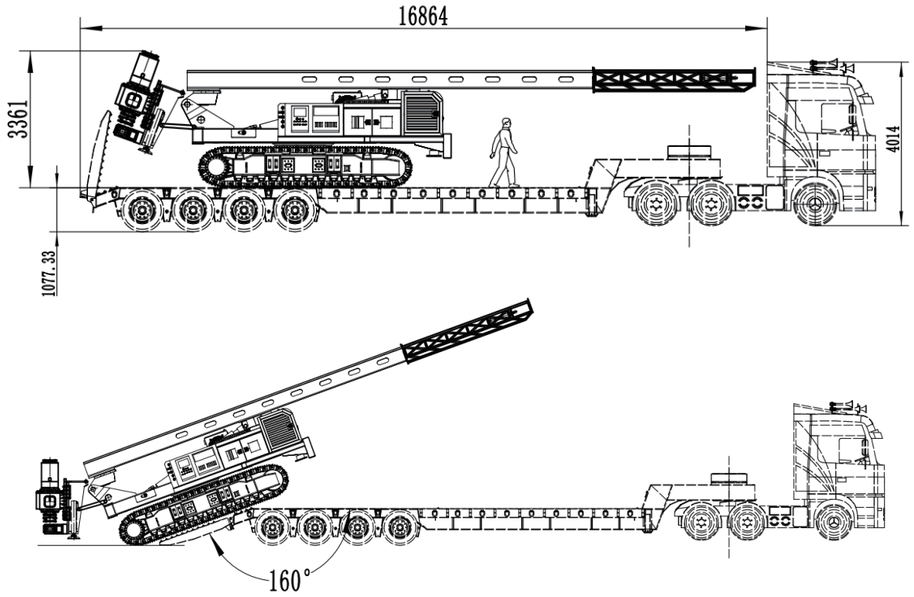
尺寸展示
Dimension Display



产品照片
Product Photos





JOZO®

C-40
全液压多功能钻机
Full Hydraulic Multi-Functional Drilling Rig



■ 设备简介
Equipment Introduction

C-40全液压多功能钻机覆盖地质勘探、基础施工、矿山开采、隧道工程等全场景。全液压驱动动力稳、扭矩大、响应快，无级调速精准适配各类软硬地层。主机、动力站与操纵台可快速拆装，运输转场便捷；优化液压系统能耗更低，低噪低振满足城市施工环保要求，多动力头配置可适配各类复杂工况与不同孔径钻进作业。

The C-40 full hydraulic multi-functional drilling rig covers full scenarios including geological exploration, foundation construction, mining operations and tunnel engineering. Its full-hydraulic drive system delivers stable power output, high torque and fast response. The stepless speed regulation precisely adapts to all types of soft and hard formations. The main unit, power station and console support quick disassembly for easy transportation and on-site assembly. The optimized hydraulic system features lower energy consumption, low-noise and low-vibration operation to meet urban construction environmental protection requirements. Multiple power head configurations are available to adapt to various complex working conditions and drilling operations of different hole diameters.

■ 设备特点
Equipment Features

- 强动力输出：全液压驱动系统，动力传输平稳强劲，动态响应速度快。
- 地层适配广：无级调速精准调控钻进参数，覆盖从软土到硬岩的全硬度地层。
- 转场效率高：核心模块快速拆装，大幅降低长途运输门槛，现场组装省时省力。
- 运营成本低：优化液压系统大幅减少无效能耗，长期使用更节能。
- 城市友好：低噪声低振动运行，完全符合城市核心区施工环保管控标准。
- 适配性拉满：多档动力头配置，可覆盖绝大多数复杂工况与不同孔径钻进需求。
- 一机多用：单台设备即可覆盖勘探、矿山、隧道、城市施工等全品类工程场景，设备利用率大幅提升。

- Strong Power Output: Full-hydraulic drive system ensures stable and powerful power transmission with fast dynamic response.
- Wide Formation Adaptability: The stepless speed regulation precisely adjusts drilling parameters, covering all formations of different hardness from soft soil to hard rock.
- High Transshipment Efficiency: Quick disassembly of core modules greatly lowers the threshold for long-distance transportation, making on-site assembly time-saving and labor-saving.
- Low Operation Cost: The optimized hydraulic system significantly reduces invalid energy consumption, delivering better energy-saving performance in long-term use.
- Urban-Friendly: Low-noise and low-vibration operation fully complies with the environmental protection control standards for construction in core urban areas.
- Maximum Adaptability: Multiple power head configurations can cover the vast majority of complex working conditions and drilling demands of different hole diameters.
- Multi-Purpose One Machine: A single unit can cover all categories of engineering scenarios including exploration, mining, tunnel and urban construction, greatly improving equipment utilization.

■ 设备参数
Equipment Parameters

行走装置 Travel Unit	ϕ175 mm
最大输出扭矩 Max. Output Torque	25 kN·m
输出转速 Output Rotation Speed	0~24.8 rpm
提升速度 Lifting Speed	0 ~ 2.5 m/min
提升力 Lifting Force	180 kN
加压速度 Feed Speed	0 ~ 2.5 m/min
加压力 Feed Force	250 kN
引程 Stroke	4000 mm
最大行走速度 Max. Travel Speed	1.5 km/h
车身回转速度 Body Swing Speed	360°/min
系统功率 System Power	90 kW +3 kW(4P)
额定流量 Rated Flow	340 L/min+60 L/min
额定压力 Rated Pressure	28 MPa+20 MPa
外形尺寸 Overall Dimension	15800 mm×3000 mm×3300 mm
钻机重量 Rig Weight	41000 kg
钻孔深度 Drilling Depth	⩽20 m
驱动系统 Drive System	Hydraulic motor drive + gear transmission
主轴孔径 Spindle Bore Diameter	175 mm
最大输出扭矩 Max. Output Torque	63 kN·m
输出转速 Output Rotation Speed	0~50 rpm
提升速度 Lifting Speed	0~3 m/min
最大提升力 (max) Max. Lifting Force (max)	180 kN
最大加压力 (max) Max. Feed Force (max)	250 kN