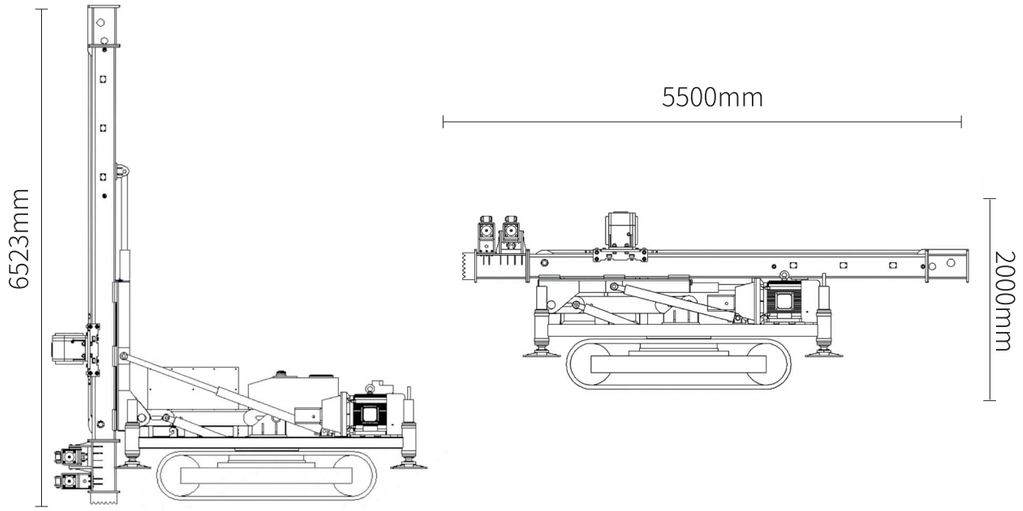
JOZO®

■ 尺寸展示
Dimension Display



C-6
全液压多功能锚杆旋喷钻机
Full Hydraulic Multi-Functional
Anchor Jet Grouting Drill Rig



■ 产品照片
Product Photos





■ 设备简介
Equipment Introduction

C-6型锚杆旋喷钻机专为城市深基坑支护与地下室低净空锚固工程设计，集锚固钻进、旋喷注浆与跟管钻进于一体，采用整体式结构，搭载液压驱动履带底盘与液压夹持卸扣装置，配合专用跟管钻具，实现钻杆套管一键拆装与作业模式快速切换。

Model C-6 Anchor Jet Grouting Drill Rig is specially designed for urban deep foundation pit support and low-clearance anchoring works in basements. It integrates anchoring drilling, jet grouting and casing following drilling as a whole, adopts an integral structure, is equipped with a hydraulically driven crawler chassis and a hydraulic clamping breakout device, and cooperates with special casing following drilling tools to realize one-key disassembly and assembly of drill pipes and casings, as well as rapid switching of operation modes.

■ 设备特点
Equipment Features

- 双液压马达驱动回转器，输出大扭矩，回转中心低，钻孔平稳性显著提升。
- 新型变角机构对孔便捷，调节范围大，有效降低对工作面要求。
- 全液压控制系统操作灵活，移位快速。
- 散热系统经特殊优化，室外45°C高温下液压系统最高温度不超过70°C，保障极端环境持续稳定运行。
- 适配锚固支护、旋喷注浆、基坑止水、跟管钻进等多类施工工艺。
- 满足城市深基坑、地下室低净空、复杂地层环境下的作业需求。

- Dual hydraulic motor driven rotary head, high torque output, low rotation center, significantly improved drilling stability.
- New angle-adjusting mechanism, easy alignment, wide adjustment range, effectively reducing working surface requirements.
- Full hydraulic control system, flexible operation, fast displacement.
- Specially optimized heat dissipation system, max. hydraulic system temperature ⩽70°C at 45°C outdoor high temperature, ensuring continuous stable operation in extreme environments.
- Compatible with multiple construction processes: anchoring support, jet grouting, foundation pit water sealing, casing following drilling.
- Suitable for operation in urban deep foundation pits, basement low-clearance spaces and complex stratum environments.

■ 设备参数
Equipment Parameters

钻孔直径 Drilling Diameter	220 mm
钻孔深度 Drilling Depth	1000mm
钻孔角度 Drilling Angle	300mm
额定输出扭矩 Rated Output Torque	20/13 MPa
额定转速 Rated Rotation Speed	45 Kw +11 Kw (4P)
额定提升力 Rated Lifting Force	84 L/min +40 L/min
额定给进力 Rated Feed Force	25 MPa +16 MPa
给进行程 Feed Stroke	4700×2230×2700 mm
滑移行程 Sliding Stroke	14000 Kg
动力：电动机 Power: Electric Motor	GR-65
重量 Weight	220 mm
爬坡角度 Climbing Angle	10 kN·m
主机立柱垂直状态 Main Machine Mast Vertical State	0-24.8 rpm
主机立柱水平状态 Main Machine Mast Horizontal State	210 kN
系统压力 System Pressure	145 kN
行走速度 Travel Speed	1000 mm
电源电压 Power Supply Voltage	五爪夹具 5-jaw Chuck

C-6锚杆旋喷钻机是一款多功能钻机，可搭配多种钻杆使用，与它适配的钻杆有3种：
直径为90的钻杆有：单层管和双层管。
直径为114的钻杆有：单层管、双层管和三层管。
直径为140的钻杆有：单层管、双层管和三层管。

The C-6 anchor jet grouting drill rig is a multi-functional drill rig that can be used with various drill pipes. There are 3 types of drill pipes compatible with it:
For drill pipes with a diameter of 90: single-layer pipe and double-layer pipe.
For drill pipes with a diameter of 114: single-layer pipe, double-layer pipe and triple-layer pipe.
For drill pipes with a diameter of 140: single-layer pipe, double-layer pipe and triple-layer pipe .