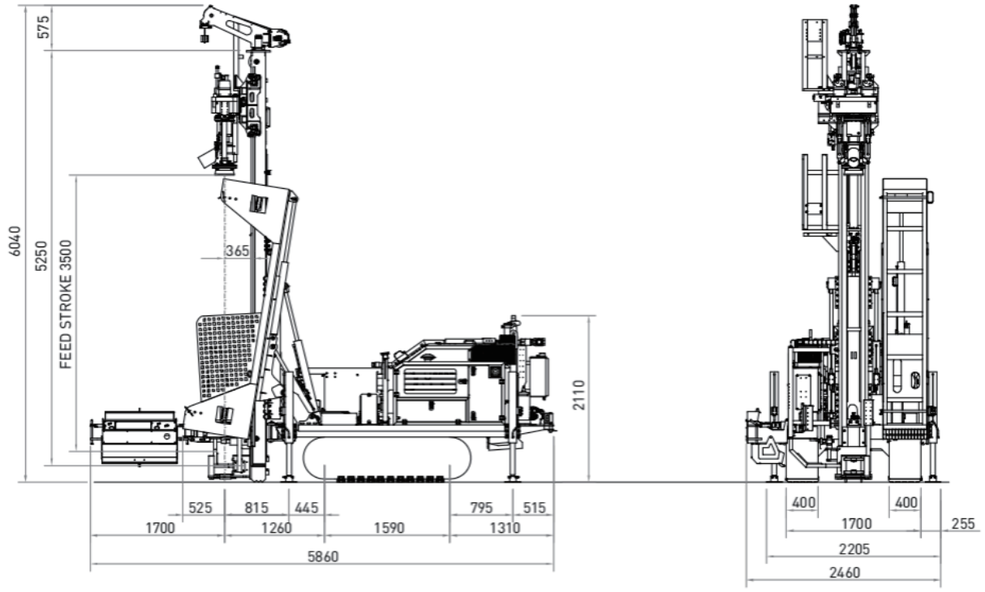
## ■ 尺寸展示

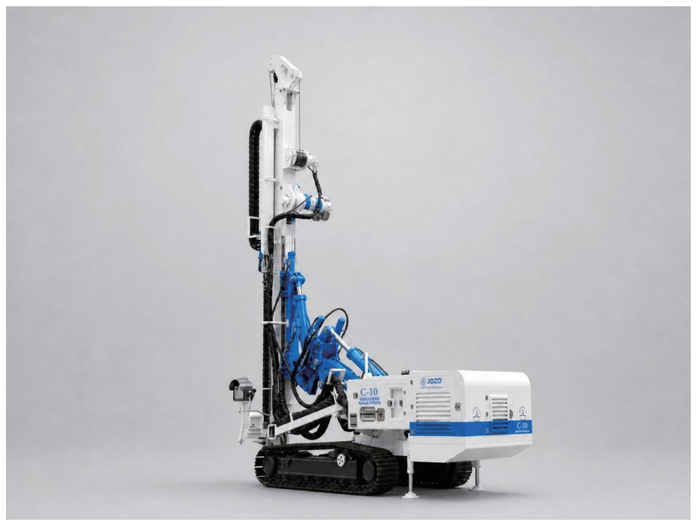
Dimension Display




## ■ 产品照片

Product Photos





# C-10

**全液压多功能钻机**

Full Hydraulic Multi-Functional Drill Rig



## ■ 设备简介
Equipment Introduction

C-10全液压多功能地质改良桩机专为狭小空间施工设计，集抢险、引孔、旋喷、取芯、打捞、地质改良作业于一体。履带全液压驱动，紧凑灵活，可按需选配模块化动力头与桅杆，适配不同孔径、扭矩、转速、进给力及钻具规格。支持垂直、水平、倾斜及扇形区域多向钻进，适配隧道、地下空间、边坡、基坑、矿山、城市窄小施工等场景。

C-10 Full Hydraulic Multi-Functional Ground Improvement Piling Rig: Specially designed for narrow-space construction, it integrates emergency rescue, pilot hole drilling, jet grouting, coring, fishing and ground improvement operations. With crawler full-hydraulic drive, it is compact and flexible. Modular power heads and masts can be selected as required to adapt to different hole diameters, torques, rotation speeds, feed forces and drilling tool specifications. It supports multi-directional drilling in vertical, horizontal, inclined and fan-shaped areas, and is suitable for tunnels, underground spaces, slopes, foundation pits, mines and narrow urban construction sites.

## ■ 设备特点
Equipment Features

• 全工况适配：一机覆盖抢险、引孔、旋喷、取芯、打捞、地质改良6类核心作业，无需多台设备即可完成全流程施工。
• 窄空间专属设计：履带底盘搭配紧凑机身，隧道、地下室等低净空、窄通道场景下可灵活转场就位。
• 模块化灵活配置：可按需快速更换动力头与桅杆模块，精准匹配不同孔径、扭矩、转速、进给力需求。
• 多向钻进能力强：支持垂直、水平、倾斜及扇形区域全角度作业，无需频繁移机即可在有限空间完成多向钻孔。
• 全液压驱动稳定：成熟全液压控制系统动力输出平顺可靠，长时间连续作业故障率低，适配矿山、边坡等恶劣野外工况。

• Full-condition adaptability: One machine covers 6 core operations — emergency rescue, pilot hole drilling, jet grouting, coring, fishing and ground improvement — completing the whole process without multiple units.
• Dedicated narrow-space design: Crawler chassis with compact body enables flexible transfer and positioning in low-clearance, narrow-passage scenarios such as tunnels and basements.
• Flexible modular configuration: Power heads and mast modules can be quickly swapped to precisely match different hole diameters, torques, rotation speeds and feed forces.
• Outstanding multi-directional drilling: Supports full-angle operation in vertical, horizontal, inclined and fan-shaped areas, completing multi-directional drilling in limited space without frequent repositioning.
• Stable full-hydraulic drive: The proven full-hydraulic control system delivers smooth and reliable power output with low failure rate in long continuous operation, suitable for harsh field conditions such as mines and slopes.

## ■ 设备参数
Equipment Parameters

| | |
|---|---|
| 行走速度 Travel Speed | 0~1.5 km/h |
| 系统压力 System Pressure | 24 MPa |
| 整机功率 Total Power | 90kW-4P Variable Frequency |
| 电源电压 Power Supply Voltage | 380V (50Hz) |
| 外形尺寸 Overall Dimension | 8460×2000×2910 mm |
| 整机重量 Total Weight | 10 t |
| 液压系统 Hydraulic System | |
| 最大工作压力 Maximum working pressure | 350 bar |
| 液压油箱容量 Hydraulic Oil Tank Capacity | 300L |
| 旋转动力头ROTARY HEAD | |
| 型号 Head model | QX1300Vh |
| 重量Weight | 360 kg |
| 最大扭矩Maximum torque | 1300 daNm |
| 最高转速Maximum speed | 200 rpm |
| 浮动轴螺纹 Floating shaft thread | 2" 3/8 API REG FEMMINA |
| 旋转通道Swivel passage | 1" 1/2 |
| 工作压力 Working pressure | 300bar |
| 最大供油量Maximum oil delivery | 90 L/min |