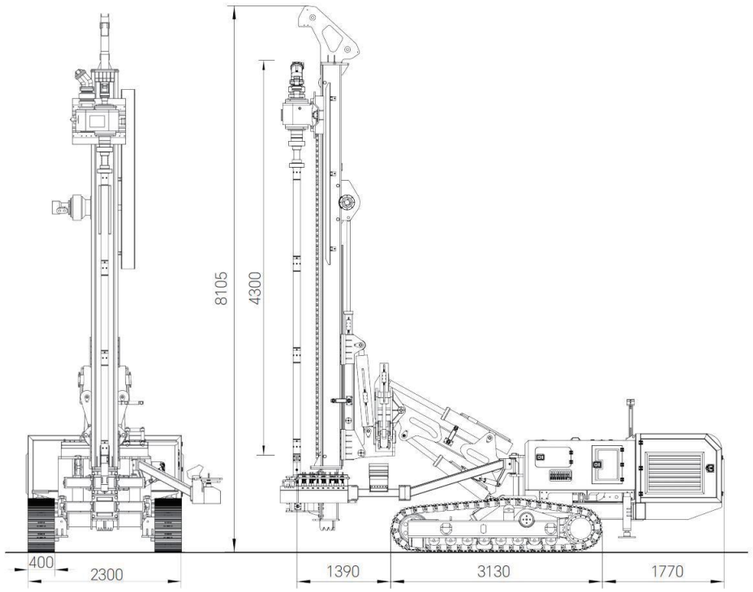
尺寸展示
Dimension Display



产品照片
Product Photos





JOZO®

C-14
全液压多功能地基改良设备
Full Hydraulic Multi-Functional
Ground Improvement Equipment



■ 设备简介
Equipment Introduction

C-14全液压多功能地基改良设备，专为小断面隧道 煤矿巷道设计，集钻探 止水 排水 注浆功能于一体，全液压驱动，支持多角度作业，窄空间可快速调参换序，适配复杂地质，提效增安，是矿山隧道地基加固与水文控制的理想方案。

C-14 Full Hydraulic Multi-Functional Ground Improvement Equipment, designed for small-section tunnels and coal mine roadways, integrates drilling water-stopping drainage and grouting functions. With full hydraulic drive for strong environmental adaptability, it supports vertical horizontal and inclined multi-angle operations, meets construction demands under complex geological conditions. Its intuitive operation interface allows quick parameter adjustment and process switching in narrow spaces, significantly improving underground engineering operation efficiency and safety. It is an ideal solution for ground reinforcement and hydrological control in mining and tunnel projects.

■ 设备特点
Equipment Features

- 适用环境：小断面隧道、煤矿巷道、地下工程。
- 核心功能：钻探、止水、排水、注浆、地基改良。
- 驱动形式：全液压驱动。
- 作业模式：支持垂直、水平、倾斜多角度作业。
- 操作优势：界面简洁、窄空间内可快速调参、工序切换便捷。
- 应用价值：提升施工效率、强化作业安全、适配复杂地质条件。

•Applicable Environment: Small-section tunnels, coal mine roadways, underground engineering.
•Core Functions: Drilling, water stopping, drainage, grouting, ground improvement.
•Driving Form: Full hydraulic drive.
•Operation Mode: Supports multi-angle operations including vertical, horizontal and inclined directions.
•Operation Advantages: Intuitive interface, quick parameter adjustment in narrow spaces, convenient process switching.
•Application Value: Improve construction efficiency, enhance operation safety, adapt to complex geological conditions.

■ 设备参数
Equipment Parameters

行走装置 Travel Unit	
类型 Type	摆动 ±10°
三齿履带板宽度 Triple Grouser Track Shoe Width	400mm
总长 Total Length	3130mm
总宽（履带不展开时）Overall Width (Track Retracted)	2300mm
行驶速度 Travel Speed	2.7km/h
平均接地比压 Average Ground Bearing Pressure	0.07MPa
地面稳定器 Ground Stabilizer	2 个固定于后部 2 pcs fixed at rear
电机 Motor	
额定功率 Rated Power	11kW
卡盘及液压卸扣器 Chuck & Hydraulic Breakout	
公称尺寸 Nominal Size	50-124/50-415mm
最大夹紧力 Maximum Clamping Force	268kN
最大卸扣扭矩 Maximum Breakout Torque	5060daNm
辅助绞车 Auxiliary Winch	
单层钢丝绳拉力 Single Layer Wire Rope Pull	24kN
钢丝绳直径 Wire Rope Diameter	10mm
钢丝绳速度 Wire Rope Speed	46m/min
提升及推进系统 Lifting & Feed System	
推进行程 Feed Stroke	4300mm
最大提升拉力 Maximum Lifting Pull	99kN
最大推进力 Maximum Feed Force	99kN
最高速度（快 / 慢）Max. Speed (Fast / Slow)	5 / 28 m/min