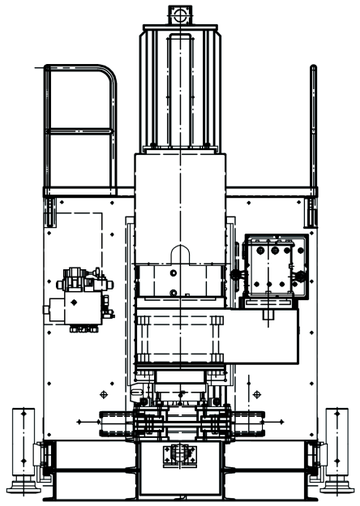
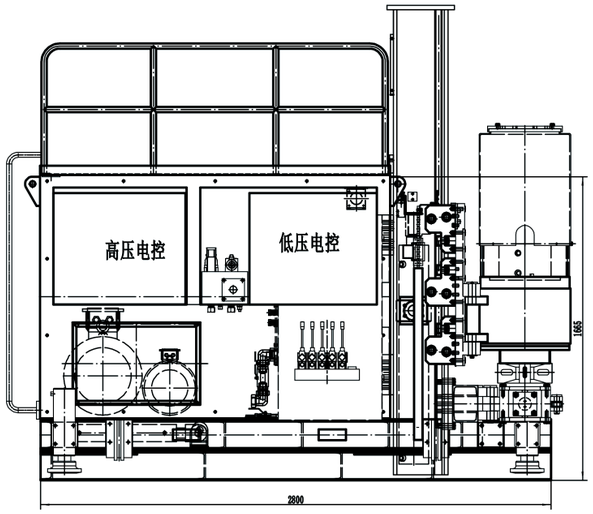
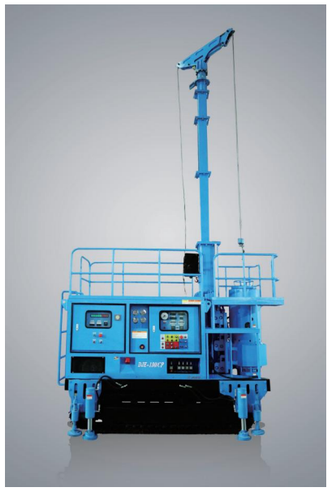
尺寸展示
Dimension Display





产品照片
Product Photos





DJE130-V/CP

履带式高压旋喷钻机

Crawler-type High-pressure
Jet Grouting Drill Rig

JOZO®

设备简介
Equipment Introduction

DJE-130V/CP 履带式高压旋喷钻机是一款搭载履带式行走底盘的全液压可旋转地基改良专用设备，核心面向高压旋喷加固与摆喷成桩类施工场景打造，可广泛适配地基处理、基坑加固、隧道工程、城市施工等多类工程作业需求，是软土地基强化、防渗止水帷幕施工的核心工程装备，能够高效完成各类复杂工况下的土体改良作业。

DJE-130V/CP Crawler-type High-pressure Jet Grouting Drill Rig is a full-hydraulic rotatable special equipment for ground improvement, built with a crawler traveling chassis. It is specially designed for high-pressure jet grouting reinforcement and swing jet piling construction scenarios, and can be widely adapted to various engineering operations such as ground treatment, foundation pit reinforcement, tunnel engineering and urban construction. As the core engineering equipment for soft soil foundation strengthening and anti-seepage waterproof curtain construction, it can efficiently complete soil improvement operations under various complex working conditions.

设备特点
Equipment Features

- 全液压履带底盘：复杂地形灵活转场，驻车稳定性强，适配各类非平整施工场地。
- 多工法兼容能力：集成摆喷功能，搭配高精度步进提升系统，覆盖旋喷、摆喷等多种成桩工艺。
- 智能便捷操作：手自双模式切换，全流程施工状态实时监控，参数可控、操作门槛低。
- 自带吊装配置：标配起重吊臂，自主完成钻具装卸，无需额外调配吊装设备，降本提效。
- 全维度安全防护：夹紧机构带互锁保护与急停装置，规避误操作风险，适配高安全要求场景。

- Full-hydraulic Crawler Chassis: Enables flexible site transfer on complex terrains, delivers excellent parking stability, and adapts to all kinds of uneven construction sites.
- Multi-process Compatibility: Built-in swing jet function, paired with a high-precision step lifting system, supports multiple piling processes including rotary jet grouting and swing jet grouting.
- Intelligent & User-friendly Operation: Free switching between automatic and manual modes, real-time monitoring of the whole construction process, with fully controllable parameters and low operation threshold.
- Built-in Lifting Configuration: Standard equipped with a lifting boom, it can independently complete drill tool loading and unloading without additional hoisting equipment, effectively reducing costs and improving efficiency.
- All-round Safety Protection: The clamping mechanism is equipped with interlock protection and emergency stop devices to avoid misoperation risks, making it suitable for scenarios with strict safety control requirements.

设备参数
Equipment Parameters

主轴孔径 Spindle Bore Diameter	220mm
步进引程 Step Stroke	1000mm
步履行程 Crawler Travel Stroke	300mm
工作压力 Working Pressure	20/13MPa
系统功率 System Power	30kW +11kW (4P)
额定流量 Rated Flow	84L/min+40L/min
额定压力 Rated Pressure	20MPa+13MPa
外形尺寸 Overall Dimension	L4200×W2045×H2800mm
重量 Weight	7600kg
驱动系统 Drive System	Hydraulic Motor Drive (2-stage Variable Speed Gear)
最大输出扭矩 Maximum Output Torque	13N·m
输出转速 Output Rotation Speed	0~24.8rpm
提升速度 Lifting Speed	0~2.4m/min
提升力 Lifting Force	185kN
加压速度 Pressurizing Speed	0~3.5m/min
加压力 Pressurizing Force	124kN
引程 Stroke	1000mm
行走速度 Travel Speed	1km/h
电机功率 Motor Power	30kW +11kW(4P)
电源电压 Power Supply Voltage	380V(50Hz)
标准设备 Standard Equipment	3-ton Lifting Boom