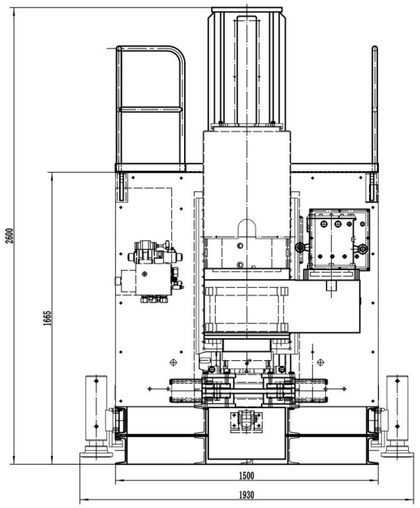
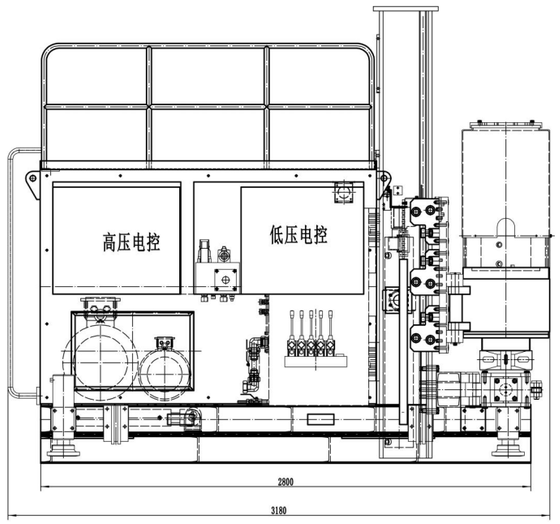
■ 尺寸展示

Dimension Display





■ 产品照片

Product Photos





JOZO®

DJE-130

全液压可旋转式地基改良设备

Fully-hydraulic Rotatable
Ground Improvement Equipment

设备简介
Equipment Introduction

DJE-130V/H 全方位高压旋喷设备，全液压可旋转式地基改良设备，支持垂直与水平多方位旋喷施工，适用于高压旋喷加固、摆喷成桩、地基改良等工艺，覆盖地基处理、基坑加固、隧道工程、地下空间等多类作业场景。整机结构紧凑，可在狭小场地内完成定位与转场作业。

DJE-130V/H Omnidirectional High-Pressure Jet Grouting Equipment, a full-hydraulic rotatable ground improvement device, supports multi-orientation rotary jet grouting construction in both vertical and horizontal directions. It is applicable to processes such as high-pressure jet grouting reinforcement, swing jet grouting pile forming, and ground improvement, covering multi-type operation scenarios including foundation treatment, foundation pit reinforcement, tunnel engineering, and underground space construction. The whole machine features a compact structure, enabling positioning and site transfer in narrow spaces.

设备特点

- 多方位施工，垂直水平多姿态作业，摆喷角度大范围可调，适配复杂工况旋喷需求。
- 作业性能稳定，动力头传动扎实，大深度各类旋喷作业稳定完成。
- 施工精度可控，配自动步进提升系统，提升参数精准设定，成桩均匀。
- 操作灵活便捷，自动手动双模式切换，多重监控界面，施工参数实时可控。
- 场地适配性强，步履底座加液压支腿，整机可旋转，狭小空间定位转场灵活。
- 安全防护完备，夹紧机构带互锁保护与急停，全程防风险，施工安全有保障。

- Omnidirectional construction, supports multi-posture operation in vertical and horizontal directions, with wide adjustable swing jet angle, adapting to various jet grouting demands under complex working conditions.
- Stable operation performance, with solid power head transmission structure, stably completing all types of jet grouting operations at large depths.
- Controllable construction precision, equipped with automatic step lifting system, lifting parameters can be set accurately, ensuring uniform pile forming.
- Flexible and convenient operation, supports both automatic and manual dual-mode switching, with multiple monitoring interfaces, construction parameters are controllable in real time.
- Strong site adaptability, walking base with hydraulic outrigger, the whole machine can rotate, positioning and site transfer are flexible in narrow spaces.
- Complete safety protection, clamping mechanism is equipped with interlock protection and emergency stop, risk avoidance in the whole process, construction safety is guaranteed.

设备参数
Equipment Parameters

标准设备 Standard Equipment	
转盘 Rotary Table	提升100mm
转向杆 Steering Lever	可拆式
底座 Base Frame	H 规格（水平施工）用手动千斤顶
动力头 Power Head	
驱动系统 Drive System	液压马达驱动 Hydraulic Motor Drive
驱动系统 Drive System	二级变速齿轮 Two-stage Speed-change Gear
主轴孔径 Spindle Bore Diameter	220mm
最大输出扭矩 Maximum Output Torque	13kN·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	185 kN
加压速度 Feeding Speed	0～3.5m/min
加压力 Feeding Force	124 kN
引程 Stroke	1000mm
外形尺寸 Overall Dimensions (L×W×H)	长 3180 mm×宽 1930 mm×高 2600 mm
钻机重量 Drill Rig Weight	5500kg
使用深度 Working Depth	≤60m
机座 Base Frame	
步履行程 Walking Stroke	350mm
承力外伸支架 Load-bearing Outrigger	四点液压型 Four-point Hydraulic Type
动力 Powe	
电机功率 Motor Power	30kW +11kW (4P)
电源电压 Power Supply Voltage	380V (50 Hz)