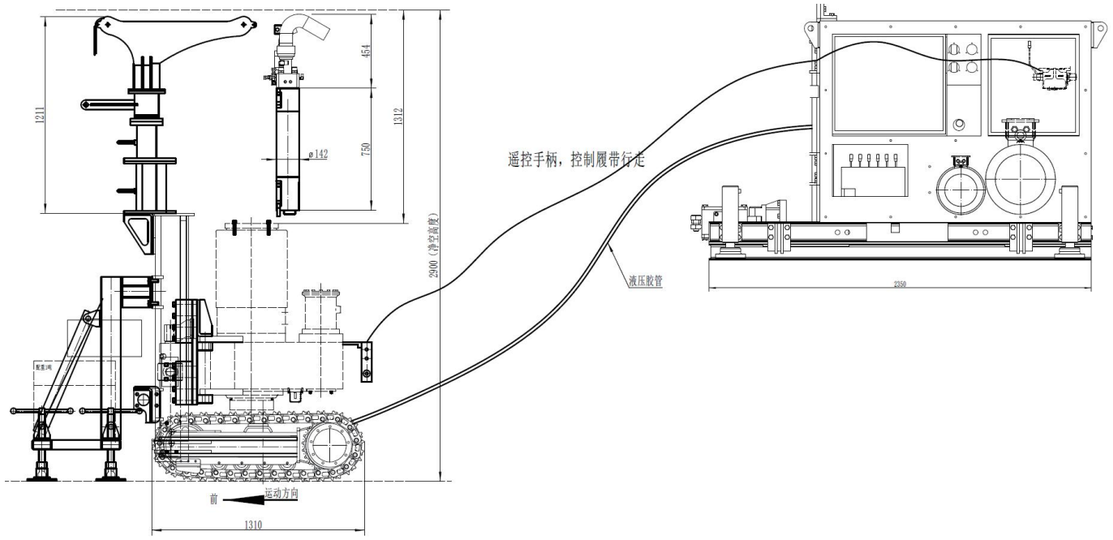
■ 尺寸展示

Dimension Display



■ 产品照片

Product Photos





DJE-060.1T-V

小型地基加固旋喷

Small-size Foundation Reinforcement Jet Grouting Equipment

设备简介
Equipment Introduction

DJE-060.1T-V 分体式地基加固旋喷设备专为狭小受限空间工况设计，采用动力站外置的分体布局大幅缩小作业端体积，解决传统大型旋喷设备无法进入室内、高架桥下等区域施工的痛点，可稳定完成各类旋喷成桩作业，适配各类地基处理与地质改良场景。

The DJE-060.1T-V split-type foundation reinforcement jet grouting equipment is specially designed for narrow and confined space working conditions. It adopts a split layout with the power station placed externally to greatly reduce the volume of the operation end, solving the problem that traditional large-scale jet grouting equipment cannot enter areas such as indoors and under viaducts for construction. It can stably complete various jet grouting pile-forming operations and is suitable for a wide range of foundation treatment and ground improvement scenarios.

设备特点
Equipment Features

• 分体式结构，动力站外置、作业端紧凑，可进入室内、桥下、隧道等传统设备无法抵达的受限区域作业。
• 液压马达驱动，动力头扭矩充足，转速与提升速度可调，适配不同地层与施工场景。
• 支持自动、手动双操作模式自由切换，大幅提升设备操控性与复杂工况适应性。
• 集成多类高精度传感器与编码尺，精准监测控制全流程施工参数，保障旋喷成桩精度。
• 配备标准化警示标识与急停装置，快速响应突发状况，保障操作人员与设备运行安全。
• 广泛适用于地基加固、地基处理、地质改良等各类建筑与基建工程场景。

• Split structure with external power station and compact operation end, enabling access to confined areas such as indoors, under bridges and inside tunnels that are unreachable for traditional equipment.
• Hydraulic motor drive with sufficient output torque of the power head, adjustable rotation speed and lifting speed, adapting to different strata and construction scenarios.
• Supports free switching between automatic and manual operation modes, greatly improving equipment controllability and adaptability to complex working conditions.
• Integrated with multiple high-precision sensors and encoding rulers to accurately monitor and control full-process construction parameters, ensuring jet grouting pile forming accuracy.
• Equipped with standardized warning signs and emergency stop devices to quickly respond to emergencies, ensuring the safety of operators and equipment operation.
• Widely applicable to various construction and infrastructure scenarios such as foundation reinforcement, foundation treatment and ground improvement.

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	145mm
最大输出扭矩 Maximum Output Torque	6kN·m
输出转速 Output Rotation Speed	0～30rpm
提升速度 Lifting Speed	0～3.8m/min
提升力 Lifting Force	170 kN
加压速度 Feeding Speed	0～5.5m/min
加压力 Feeding Force	117.5 kN
引程 Stroke	500mm
外形尺寸 Overall Dimensions (L×W×H)	长 2230 mm×宽 700 mm×高 2700 mm
钻机重量 Drill Rig Weight	14000kg
机座 Base Frame	
步履行程 Walking Stroke	500mm
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)