JOZO®

MJP3-1VS

高速制拌地质注浆设备

High-Speed Geological Grouting Equipment



设备简介
Equipment Introduction

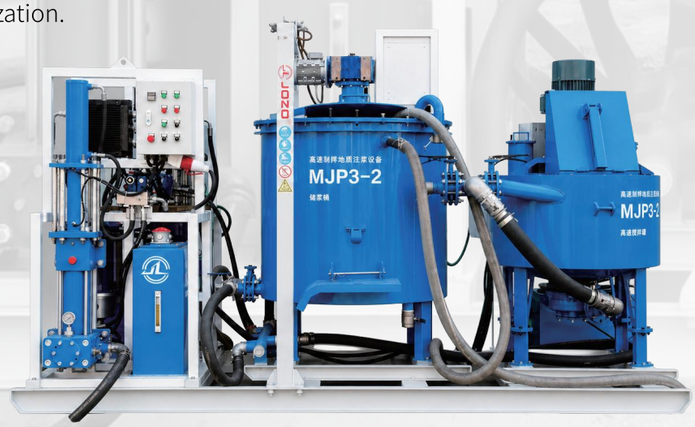
MJP3-1VS 高速制拌注浆设备，模块化高湍流混合，适配多类地质工程场景，底架集成易转运，各单元可独立维护，粉料混合均匀，注浆精准，可同时制备水泥浆与膨润土泥浆，一机多用，适配复杂地质条件。

MJP3-1VS High-Speed Grouting Equipment, modular high-turbulence mixing, suitable for various geotechnical engineering scenarios, base-frame integrated for easy transportation, independent unit maintenance, uniform powder mixing, precise grouting, capable of preparing both cement slurry and bentonite slurry, multi-function in one machine, adaptable to complex geological conditions.

设备特点
Equipment Features

- 模块化设计：各单元独立组装于底架，便于运输与单独维护。
- 高湍流混合技术：确保水泥粉、膨润土粉与水充分快速混合。
- 精确注射：混合物精准注入指定位置，提高物料利用率。
- 一机多用：可制备水泥混合物与膨润土泥浆，满足不同地质需求。
- 多场景适应：适用于地基加固、隧道支护、边坡稳定等工程。

•Modular Design: All units are independently assembled on the base frame, facilitating transportation and individual maintenance.
• High-Turbulence Mixing Technology: Ensures full and rapid mixing of cement powder, bentonite powder and water.
• Precise Injection: The mixture is accurately injected into the designated position to improve material utilization.
• Multi-function in One Machine: Capable of preparing cement mixture and bentonite slurry to meet different geological requirements.
• Multi-scenario Adaptation: Suitable for projects such as foundation reinforcement, tunnel support and slope stabilization.



设备参数
Equipment Parameters

高速搅拌喷射站 High-Speed Mixing & Jet Grouting Station	
长度 Length	3750 mm
宽度 Width	1500 mm
高度 Height	2240 mm
重量 Weight	2000 kg
额定功率 Rated Power	19.6 kW / 23.6 kW
电压 Voltage	400 V / 50 Hz
高速搅拌器 High-Speed Mixer	
型号 Model	M35
额定容量 Rated Capacity	350 L
扬程 Head	20 m
搅拌离心泵流量 Mixing Centrifugal Pump Flow	50 m^3/h
电动机转速 Motor Speed	1450 RPM
电动机功率 Motor Power	7.5 kW
储浆桶 Slurry Storage Tank	
型号 Model	ST10
额定容量 Rated Capacity	1000 L
减速机 Reducer	1/60
电动机转速 Motor Speed	1450 RPM
搅拌轴转速 Mixing Shaft Speed	25 RPM
电动机功率 Motor Power	1.1 kW
单活塞泵 Single Piston Pump	
型号 Model	SC100-V1
额定功率 Rated Power	7.5 kW
行程容积 Stroke Volume	2.1 L