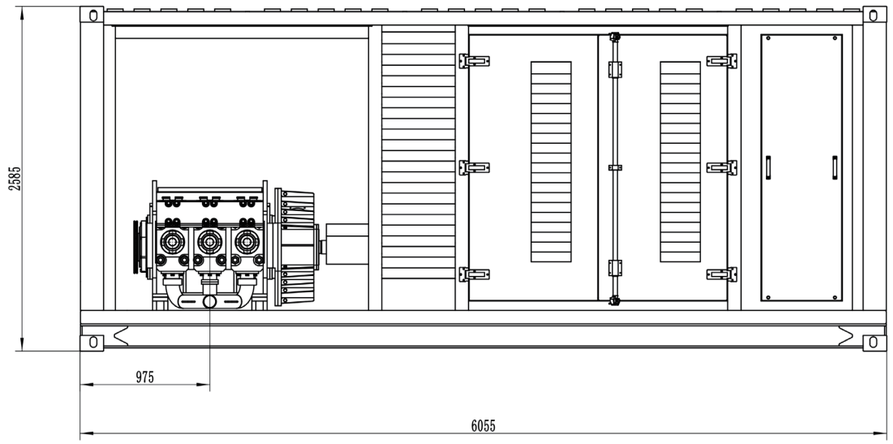
■ 尺寸展示

Dimension Display



■ 产品照片

Product Photos



注：产品配置可能因设计或其它原因发生变更，以上图片仅供参考

JOZO®

HP6-405EV

高压三联注浆泵

High Pressure Triplex
Plunger Grouting Pump



■ 设备简介
Equipment Introduction

HP6-405EV 高压三联注浆泵采用三柱塞并联结构，依靠三个柱塞往复运动输出液流与压力，液流连续稳定、压力脉动小。相较单缸泵，内部结构平衡性更优，运行振动小、噪音低，整机长期运行稳定性强，设备使用寿命更长。可保障严苛工况下施工连续作业，满足工程施工质量要求，适用于地基处理、土壤改良、定向钻进等工程场景，可完成高压喷射注浆与泥浆输送等高压施工作业。

HP6-405EV High-Pressure Triplex Plunger Grouting Pump adopts a three-plunger parallel structure, relying on the reciprocating motion of three plungers to output liquid flow and pressure, delivering continuous and stable flow with minimal pressure pulsation. Compared with single-cylinder pumps, it offers better internal structural balance, lower operating vibration and noise, and stronger long-term operational stability, resulting in a longer service life. It ensures continuous construction operation under harsh working conditions and meets engineering construction quality requirements. It is suitable for engineering scenarios such as foundation treatment, soil improvement, and directional drilling, and can perform high-pressure operations including high-pressure jet grouting and mud conveying.

■ 设备特点
Equipment Features

- 三柱塞并联结构：液流连续稳定，压力脉动小。
- 优异平衡性：运行振动小、噪音低。
- 长寿命设计：长期运行稳定，设备使用寿命更长。
- 严苛工况适应：保障连续作业，满足施工质量要求。
- 多场景适用：地基处理、土壤改良、定向钻进等工程。

- Three-Plunger Parallel Structure: Continuous and stable flow with minimal pressure pulsation.
- Excellent Balance: Low operating vibration and low noise.
- Long Service Life Design: Stable long-term operation for a longer equipment service life.
- Adaptation to Harsh Working Conditions: Ensures continuous operation and meets construction quality requirements.
- Multi-Scenario Application: Foundation treatment, soil improvement, directional drilling and other engineering scenarios.

■ 设备参数
Equipment Parameters

柱塞直径 Plunger Diameter	63.5 mm (2½") 76.2 mm (3") 88.9 mm (3½") 101.6 mm (4")
柱塞行程 Plunger Stroke	127 mm
最高工作压力 Maximum Working Pressure	80 MPa
电机功率 Motor Power	400 kW
最大流量 Maximum Flow Rate	470 L/min
外形尺寸 Overall Dimensions	6055×2438×2591 mm
重量 Weight	10600 kg

