

# Hydraulic Grout Pump

## OVERVIEW

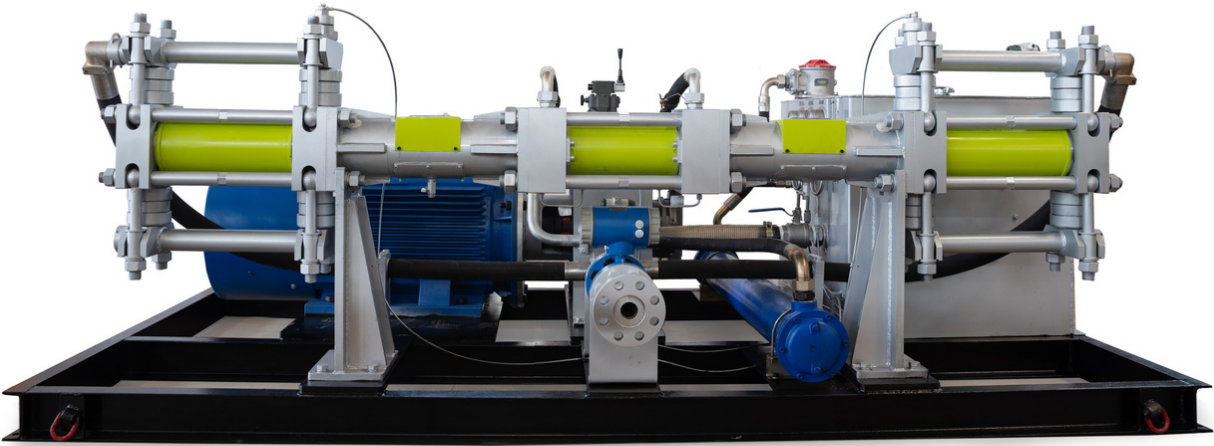
A double-cylinder, automatically variable grouting pump with an integral design

## INDUSTRY

Primarily applicable to coal mining, water conservancy, railways, transportation infrastructure, construction, and related industries.

## APPLICATIONS

Suitable for single-component and dual-component grouting operations, including long-distance backfilling, water sealing, leakage control, and fire prevention/fire extinguishment projects.



## KEY FEATURES

- Flexible selection of various specifications.
- Synchronised double-cylinder dual-liquid grouting system, providing a 1:1 ratio for dual-liquid grouting.
- Fully hydraulic driven with automatic control of flow rates in response to changes in pressure.
- Unique grout cylinder sealing design for extended lifespan and easy replacement.
- Equipped with manual unloading, zero-load startup, and flexible start-stop functions.
- Upper and lower grout suction and discharge design for easy cleaning without residue buildups.
- Dual-pressure monitoring in both hydraulic and grouting systems for clear grouting conditions.
- Air-cooling and liquid-cooling options are offered.

## TECHNICAL PARAMETERS

| Product Model              | Grouting Flow |                | Grouting Pressure |
|----------------------------|---------------|----------------|-------------------|
|                            | L/min         | m³/h           | MPa               |
| 2ZBYSB(6.4~1.5)/(1~9)-7.5  | 0-107         | 0-6.4          | 0-9               |
| 2ZBYSB(3.5~0.9)/(1~15)-7.5 | 0-59          | 0-3.5          | 0-15              |
| 2ZBYSB(2.2~0.6)/(1~20)-7.5 | 0-37          | 0-2.2          | 0-20              |
| Motor Rated Power          | 7.5kW         | Machine Weight | 360kg             |
| Motor Rated Speed          | 1450r/min     | Dimensions     | 1200x750x950mm    |

| Product Model                | Grouting Flow |                | Grouting Pressure |
|------------------------------|---------------|----------------|-------------------|
|                              | L/min         | m³/h           | MPa               |
| 2ZBYSB(19.2~4.2)/(1~6)-18.5  | 0-320         | 0-19.2         | 0-6               |
| 2ZBYSB(13.2~3.3)/(1~10)-18.5 | 0-220         | 0-13.2         | 0-10              |
| 2ZBYSB(9.0~2.4)(1~18)-18.5   | 0-150         | 0-9.0          | 0-18              |
| 2ZBYSB(5.4~1.2)((1~29)-18.5  | 0-90          | 0-5.4          | 0-29              |
| Motor Rated Power            | 18.5kW        | Machine Weight | 680kg             |
| Motor Rated Speed            | 1470r/min     | Dimensions     | 1850x850x980mm    |

| Product Model              | Grouting Flow |                | Grouting Pressure |
|----------------------------|---------------|----------------|-------------------|
|                            | L/min         | m³/h           | MPa               |
| 2ZBYSB(25.8~5.4)/(1~6)-37  | 0-430         | 0-25.8         | 0-6               |
| 2ZBYSB(17.7~4.5)/(1~11)-37 | 0-295         | 0-17.7         | 0-11              |
| 2ZBYSB(13.5~3.2)/(1~18)-37 | 0-225         | 0-13.5         | 0-18              |
| 2ZBYSB(6.6~1.8)/(1~28)-37  | 0-110         | 0-6.6          | 0-28              |
| 2ZBYSB(4.8~1.1)/(1~46)-37  | 0-80          | 0-4.8          | 0-46              |
| Motor Rated Power          | 37kW          | Machine Weight | 900kg             |
| Motor Rated Speed          | 1480r/min     | Dimensions     | 2000x800x1300mm   |

| Product Model               | Grouting Flow |                | Grouting Pressure |
|-----------------------------|---------------|----------------|-------------------|
|                             | L/min         | m³/h           | MPa               |
| 2ZBYSB(46.8~12.0)/(1~10)-75 | 0-780         | 0-46.8         | 0-10              |
| 2ZBYSB(28.8~8.2)/(1~16)-75  | 0-480         | 0-28.8         | 0-16              |
| Motor Rated Power           | 75kW          | Machine Weight | 2100kg            |
| Motor Rated Speed           | 1480r/min     | Dimensions     | 2700x1250x1450mm  |