

Hydraulic Balance Booster Water Injection Pump

This series is used for oil field and coal mine water injection and well washing. It can be utilized as a hydraulic piston pump, surface pump, thermal recovery boiler feed pump, and microbial solution pump.



Product Overview



Industrial-grade hydraulic booster pump featuring robust construction and integrated monitoring controls.

High-Performance Hydraulic Balance Booster

This series of balanced pressurized water injection pumps utilizes an optimized hydraulic balance design, ensuring high suction pressure capabilities and seamless integration with high-pressure medium pipe networks. Engineered for reliability, the system features a simple, robust structure that simplifies operation and maintenance while extending the service life of the hydraulic end pump head and vulnerable components. It is an ideal solution for oilfield water injection and high-pressure media pressurization requirements.

Technical Specifications

Transport Medium	Clear Water, Sewage
Max Medium Temperature	80 °C
Max Suction Pressure	35 Mpa
Max Discharge Pressure	48 Mpa

Applications

Primary Use Cases

- Oil field water injection
- Coal mine water injection
- Well washing
- Thermal recovery boiler feed
- Microbial solution pumping

Key Features

Design Advantages

- Optimized hydraulic balance principle
- High suction pressure capability
- Direct connection to high-pressure pipe networks
- Simplified structure for easy maintenance
- High pump efficiency