

Dewater Technology Profile: Continuous Innovator of Emergency Water Supply and Drainage Equipment

Changsha Dewater Machinery Technology Co., Ltd. (Dewater Technology) was established in 2012. It integrates R&D, production and sales, and is a leading enterprise in mobile emergency water supply and drainage equipment. Dewater Technology is a national high-tech enterprise with a national CNAS test station, ISO certificate and 80+ independent research and development patents.

Dewater Technology focuses on providing customers with lightweight and intelligent water supply and drainage equipment, including two series: modular water supply and drainage vehicles and portable permanent magnetic pumps. It has provided more than 10,000 sets of equipment to more than 500 core customers in emergency, fire protection, municipal administration, water conservancy, etc., and is currently sold in markets such as China, South Korea, Thailand, and the Netherlands.



△ Dewater Technology Park Environment



△ Dewater' s CNAS, ISO, Patent Certificates

Dewater Portable Permanent Magnet Pump

The lightest pump weighs only 20 kilograms, and can be deployed by a single person

In 2012, Dewater Technology was the first to apply permanent magnet technology to drainage equipment, reducing its weight to 1/10 of the original. The permanent magnet pump has been upgraded to the fifth generation, with the advantages of light weight, large flow, high head and high energy efficiency.



△ Dewater portable permanent magnet pump series

Dewater Modular Water Supply and Drainage Vehicle

The pump can be separated from the vehicle, and the water can be drained wherever people can go.

It covers various models including integral box type, amphibious crawler type, trailer type, etc. The large flow and high head modes can be customized as needed. The pump truck can be separated for operation, so that water can be drained wherever people can go.



△ Dewater modular drainage vehicle series

More than 1,000 Actual Rescue Operations

Dewater has a provincial level drainage rescue team, which has participated in more than 1,000 emergency rescue operations in more than 100 cities. Key cases include: drainage of Tuanzhouyuan in Yueyang in 2024, drainage of Beijing-Tianjin-Hebei and Shenzhen Metro in 2023, drainage of dike breach in Panjin, Liaoning in 2022, drainage of heavy rain in Zhengzhou on July 20, 2021, flood control in Jiujiang, Jiangxi in 2020, water diversion in Shangqiu, Henan in 2019, and the explosion accident on August 12, 2015 in Tianjin Port. Due to its outstanding performance in rescue operations, it was awarded the third-class merit award by the Ministry of Emergency Management.



Tuanzhouyuan - Dike Breach Drainage

13 vehicles + 300 pump sets, 5.59M m³ per day



Zhengzhou - Rainstorm Waterlogging Drainage

19 vehicles + 137 pumps, draining 11.21M m³



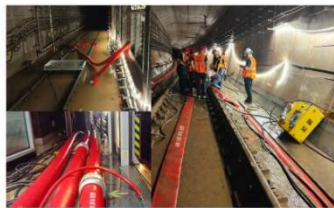
Dali, Yunnan - Tunnel Drainage

825m away + 50m head, 1.18M m³ of water discharged



Jiujiang, Jiangxi - Dike Breach Drainage

Draining for 24 days to help people in the disaster area return home



Shenzhen - Subway Drainage

Multistorey subway high-lift Drainage, more than 230,000m³



Beijing Tianjin and Hebei - Typhoon Drainage

State Grid gas repair, and South-to-North Water Diversion underground canal repair



Shangqiu - Water Diversion

5M m³ of water diverted in 27 days to ensure water safety



Fujian - Underground Garage Drainage

Typhoon caused water to accumulate in the garage, and the pump truck was separated to quickly drain the water



Houhu Lake - Long-Distance Water Supply

From Xiangjiang River to Houhu Lake, 1.1km of long-distance water supply



Yizheng - Water Diversion

471 days without downtime, total water diversion of 80M m³



Lishui, Zhejiang - Landslide Drainage

Car and pump separated, draining the water from the barrier lake a hundred meters away



Hunan- Drought relief water diversion

4.5M m³ of water diverted to irrigate 120,000 acre of land

Changsha Dewater Machinery Technology Technology

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