Gas-Liquid Mixing Pump for Dissolved Air Flotation

This gas-liquid mixing pump is designed for dissolved air flotation and micro bubble generation. The regenerative turbine pump features a stainless steel pump head and robust construction for industrial applications.

Product Overview

High-Efficiency Gas-Liquid Mixing

This regenerative turbine pump is engineered for superior gas-liquid mixing and micro-bubble generation, making it an essential component for Dissolved Air Flotation (DAF) systems. Designed for versatility, it handles clean, low-viscosity liquids and can manage fine foreign matter with ease. Its robust construction ensures reliable performance in demanding industrial applications, including ozone water preparation, biological treatment, and high-pressure liquid transfer.

Operating Conditions

Liquid Temperature Range	-15°C to +120°C
Maximum Ambient Temperature	40 °C
Gas-Liquid Ratio	1:9 (8-10% gas suction volume)
Port Orientation	Inlet: Horizontal, Outlet: Vertical

Applications

Key Applications

- Air suspension treating equipment
- Ozone water preparing equipment
- Biological treating equipment
- Heating/Cooling medium feeding
- Underground tank liquid transfer
- Misting treatment for chemical/food solutions
- High-pressure water injection
- Vacuum tank suction

Performance Data

Model Specifications

Model	Head (m)	Flow (m^3/h)	Power (KW)
20GLM-1	40	1	0.55
25GLM-2	40	2	1.1
40GLM-6	40	6	3
50GLM-12	50	12	5.5

Rooms 05–15, 13A/F South Tower, World Finance Centre, Harbour City, 17 Canton Rd, Tsim Sha Tsui, Kowloon, Hong Kong