Special Purpose Turbo Pump

In addition to the integration of pumps into reactors and circulation loop systems, high pressure loops, vacuum suction conditions, extremely high temperatures, extremely low temperatures, specific materials (titanium, nickel, high nickel-chromium alloys, double-layer alloys, etc.), surface We respond to all user needs such as treatment (thermal spraying, lining, multi-layer treatment, etc.), corrosion resistance, erosion resistance, abrasion resistance, and solid slurry countermeasures.




(Left): -104°C Ethylene Pump/Onsite
(Right): Coke Lump Crusher/Inside Crusher Pump

jacket pump	• molten sulfur pump • melt process pump
Extreme temperature pump	• Molten Salt (HTS) Pump • molten metal pump
cryogenic pump	• Cryogenic liquefied petroleum gas pump • liquefied natural gas pump • Liquid Nitrogen/Oxygen Pump • CO2 pump
high pressure circulation pump	• hot water circulation pump • Polyolefin loop reaction system pump
High temperature corrosion resistant pump	• tantalum metal lining pump
coke grinder pump	• coke lump crush pump
Wear-resistant metal slurry pump	• coal slurry pump • Catalyst slurry pump (made of high chromium metal) • FCC bottom slurry pump

Based on gear manufacturing technology, we have developed a variety of rotating pumps such as a high-speed rotating pump with a speed increasing unit integrated into a centrifugal pump, an in-line mixer derived from an in-line pump, and a jet vacuum pump used in closed-loop testing. We produce machines and their accessories.

high speed pump	• HFH Series • PLH Series
inline mixer	• PLM Series