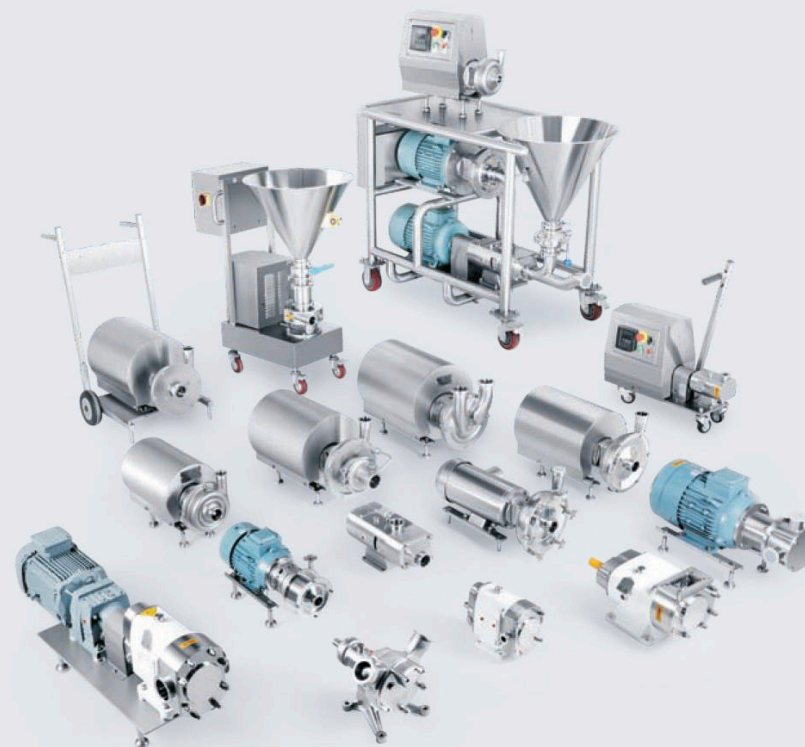




Beluno pumps



BELUNO



HYGS constant pressure water supply system

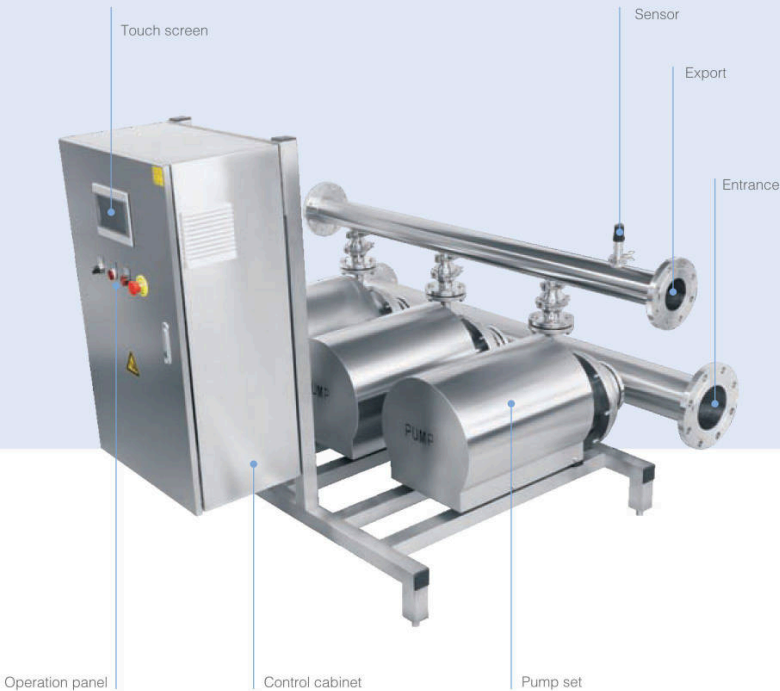
Energy saving, constant pressure,
full automatic control, flow regulated by variable
frequency and very wide setting range of pressure



The constant pressure water supply system is a fully automatic controlled constant pressure water supply equipment. When the water consumption does not exceed the water output of a single pump, the water supply is maintained by a single pump. When the water consumption exceeds the water output of a single pump, the pressure sensor is used. When the pressure of the fluid in the sensing tube drops, after analysis and calculation, the microcomputer controller outputs a signal to the frequency converter according to the calculation result, and the frequency converter controls the operation of the frequency conversion main pump and adjusts the number of pumps according to the water consumption, thereby greatly saving electricity and water.

Technical Features

- Power saving 23–55%.
- It can reliably realize soft–start and alternate operation for multiple pump sets, greatly prolonging the equipment's service life.
- Various automatic protection functions such as undervoltage, overvoltage, overcurrent, overload, short circuit, overheating, stall, etc.
- Adopt digital PID adjustment, high precision constant pressure and small fluctuation of water pressure.
- It can meet requirements of various working condition such as constant pressure variable flow and variable pressure variable flow.



Technical Specifications

Traffic demand	1m³ to 500m³/h, automatic frequency conversion control, defined according to user needs
Greatest pressure	21bar, set the required pressure through the touch screen or the upper computer PLC
Overflow material	SS304/316L
Hygiene certification	U.S. 3A–02–12 Sanitary Standard
Safety certificate	Germany TUV MD/06/42/EC
Seal certification	FDA177.2600

HYGS-MINI constant pressure water supply system



HYGS-MINI series is a small fully automatic water supply equipment. The required pressure and flow are set through the touch screen to form PID closed-loop control, so as to meet the pressure and flow requirements.



Technical Features

- Energy saving, efficient and economical
- Maximum flow: 0-60m³/h
- Maximum pressure: 8 bar
- Automatically seek frequency conversion or start multiple pump groups according to the flow
- Overflow material: SS304/316L
- Hygienic certification: American 3A-02-12 sanitation standard
- Safety certification: Germany TUV MD/06/42/EC
- Sealing certification: FDA177.2600

