

WATER AND SEWAGE PUMPS



- Marine and offshore use
- High reliability
- Specialised flow design
- Pumps for harsh environments
- Control systems for pumping

Fraser Pump and Engineering have expertise in supplying pumping systems to many offshore operators, with a **25 year history** of service **in design, special engineering, and construction** to meet very demanding applications **in harsh environments**.

Pumping systems for waste-water is an important part of the service offered to clients. **Long service life** and minimal maintenance are linked to choices of materials for the pumps and seals, together with overall design of fluid flows, pipework to ensure pumps operate at **maximum efficiency**.

Existing pumps with can **be replaced with efficient designs**, meeting the **space restrictions** and connections to existing pipework.. Additionally the overall piping and control system can be redesigned with **new sensors, power feeds and controllers**

Fraser Pump and Engineering can advise on the **pump specification**, either from a site evaluation, or discussion with the client. The specification of old or obsolete pumps can usually be matched.

- Materials** Specifically selected for task, usually stainless steel or bronze with corrosion resistant impellers and wear plates
- Motors** Totally enclosed fan cooled and can be supplied explosion proof to ATEX standards if necessary.
- Typical pumps** Single stage centrifugal pumps, either horizontal or vertically mounted, are supplied, for high-pressure applications multistage pump housings are available.
- Flow rates** 10-200 cubic metres per hour
- Total head** 5-70 metres
- Power** 3 phase 50 or 60 Hz, 380-440V
- Fluid** Sea or fresh water
0-25% solids
- Connections** 50-200mm internal diameter with ASA, BS or DIN flanges

Fraser Pump and Engineering have considerable expertise in sourcing obsolete pumps and spares, and designing systems for difficult environments where connectivity with existing systems is paramount



Light duty high flow pump



Heavy solids high flow pump



Self-priming heavy solids pump