



BEDFORD PUMPS LTD.

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Bespoke Pumping Solutions

From concept to commissioning

Bedford Pumps are a flexible, highly experienced British manufacturer of robust pumping plant for the water, wastewater, flood protection, land drainage and dockyard markets.

We are one of the few UK pump manufacturers with a predominantly British supply chain. Our pumps are designed for the most arduous and demanding applications and our brand is synonymous with efficiency, reliability and longevity.

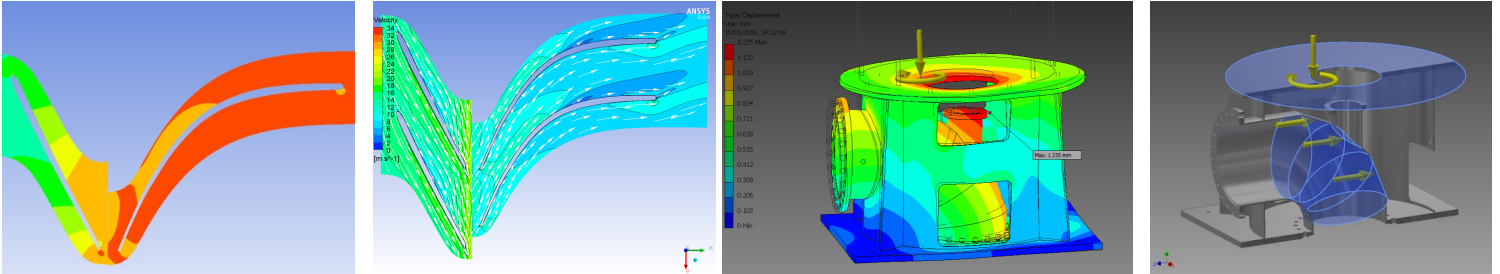
Bedford Pumps - Bespoke Water & Wastewater Pumps from 100 l/s to 12,000 l/s

HYDRAULIC & MECHANICAL PUMP DESIGN

EXPERTS IN PUMPING SYSTEMS & TECHNICAL SUPPORT

Bedford Pumps are world leaders in the design of high capacity Rotodynamic Pumps and high efficiency submersible/immersion motors for wet and dry sump applications.

Our design team has decades of experience in both hydraulic and mechanical design, and the company employs the very latest state of the art software to optimise and analyse our products and components.

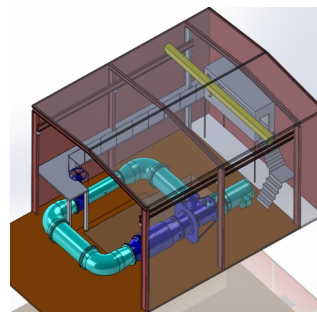
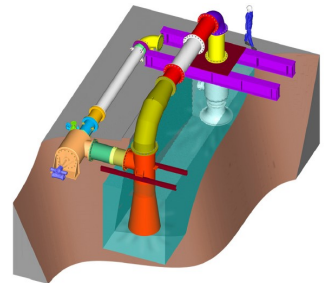


PUMP PERFORMANCE & HYDRAULIC MODEL TESTING



Bedford Pumps have a wealth of knowledge and expertise in pump performance testing. Our inhouse test facility incorporates state of the art software and variable speed drives enabling pumpsets to be tested at low, medium and high voltage and at all frequencies.

Each and every pump we manufacture is tested to verify performance prior to despatch. We also offer a testing service on pumps returned for upgrade or refurbishment.



We have the capability and expertise to repair, re-engineer or upgrade pumps of any manufacture, both mechanically and hydraulically, and can verify the performance of such work in our test facility.

Specialising in the design and manufacture of high Specific Speed pumps has resulted in the company gaining a wealth of knowledge and expertise in respect of sump and pump intake design. Bedford Pumps are able to assist in sump design, modelling and CFD analysis.

AXIAL, MIXED & RADIAL FLOW PUMPS IN ALL ARRANGEMENTS



Single and Multistage Vertical Suspended Bowl Pumps



Space saving, noise reducing, flood-proof inline pumps



Fish Friendly pumps



Submersible canister pumps



Shaft driven, volute pumps



Submersible volute pumps



Corrosion and erosion resistant metallurgies

PROJECT MANAGEMENT & INSTALLATION

In addition to innovative design, Bedford Pumps also has the Project Management capability to offer full Mechanical and Electrical packages.

This offers the client a one stop solution for the design, manufacture, testing, installation and commissioning of pumping station plant, whether for existing stations requiring up-grading, or for new projects.

Typical plant included are Motor Control Centres, Telemetry and other Instrumentation, Site Cabling, Transformers, Generating Sets, Pipework, Valves, Steelwork, Screens and Cranes.

Our staff are fully conversant with the latest HSE site regulations and are trained in confined space operation, mechanical handling, method statements and risk assessments, ensuring first class professional installation at all times.



Prior to operating a pump for the first time, checks must be carried out to ensure that the mechanical and electrical installation is complete and satisfactory in all respects. These include electrical, mechanical, pre-start checks and operation checks.

Bedford Pumps have a team of highly experienced installation staff who can provide this service or alternatively assist or supervise the commissioning of our pumps to ensure the long life and smooth operation of our pumping plant.

SERVICE



Bedford Pumps offer a range of aftersales service options for installed equipment, including condition monitoring and both on and off-site servicing and repairs.

