

Independent Consultancy

BOULTING

PUMP MANAGEMENT



Want to know more?

+44 1925 446 000

Uniquely, we can deliver all aspects of even the most demanding project and are independent of Pump Manufacturers.

Reducing energy usage from source to tap

Our philosophy is to analyse the complete system and not individual parts in isolation. We strive to maximise the benefit from your existing assets before considering any replacement.

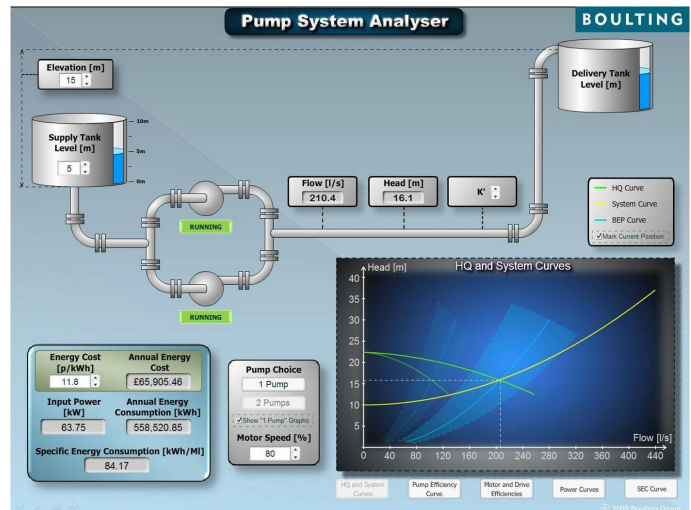
Pumped systems are dynamic and changes to a particular aspect will be felt system-wide. Our experts have the necessary experience to offer a complete solution with guaranteed savings.

- Extensive pump experience
- Thermodynamic and ultrasonic performance testing
- System modelling
- PLC/HMI/SCADA modifications

Pump performance and control is critical to the cost of operation. However, customer demand is reflected in your electricity costs: Quite simply it is more expensive to deliver water when it is most needed.

We are able to optimise storage volumes to enable you to disconnect instantaneous supply and demand, allowing you to pump water when electricity is cheaper.

We specialise in the further optimisation of systems that were previously considered to be optimised



Complex Systems Require Intelligent Solutions

Accurate modelling is critical for determining how best to optimise the system. We are able to demonstrate the full effect of any changes and can demonstrate the differences that will be seen with the proposed operation.

Our Pumped System Optimisation (PSOp) solution is developed in tandem with yourselves to ensure it meets your requirements. We combine process measurements into our control philosophy to allow pumps to be scheduled based on minimum specific energy consumption, rather than with fixed set-points or similar.

Boulting PSOp software has been developed by a team comprising pump experts, experienced consultants and ICA engineers, all of whom have decades of experience in the water and pump industry.