



PUMP SUSTAINABILITY

SUSTAINABILITY IS ONE OF THE BIGGEST CHALLENGES OF OUR TIME. WE ARE CONSTANTLY LOOKING AT HOW WE CAN DELIVER ENERGY EFFICIENCY FOR OUR CUSTOMERS TO SAVE THEM MONEY BUT ALSO TO PLAY OUR PART IN HELPING TO GET TO NET ZERO.



Contents

- ✓ Welcome
- ✓ About Dura Pump
- ✓ Our Sustainability Goal
- ✓ Energy Savings
- ✓ Financing Your Savings
- ✓ Digital Assist
- ✓ Sustainability Together





Owen Ford

Managing Director

Welcome Message

Pumps use a substantial amount of energy to operate. The energy usage of pumps varies depending on factors such as type, size, efficiency, operating conditions and the specific application.

Improving the energy efficiency of pumps involves various strategies aimed at reducing energy consumption while maintaining or enhancing system performance.

The team here at Dura Pump make energy savings and energy performance one of the key objectives in every project we deliver to customers.

We are constantly working with our pump suppliers to understand and promote the latest technology in fluid handling to support the sustainable development of our customer's infrastructure. We use specialist quality pumps with the latest technology, to deliver full and bespoke solutions.

Together with our digital monitoring software, we are 100% confident that we can find energy savings and sustainability in every upgrade we work on. We are dedicated to being a trusted provider in finding energy optimised solutions for any challenge our customers face.

Our goal is to deliver products and a bespoke solution to each and every customer, that delivers sustainability objectives.



Dura Pump is a leading provider of pump systems for industrial businesses.

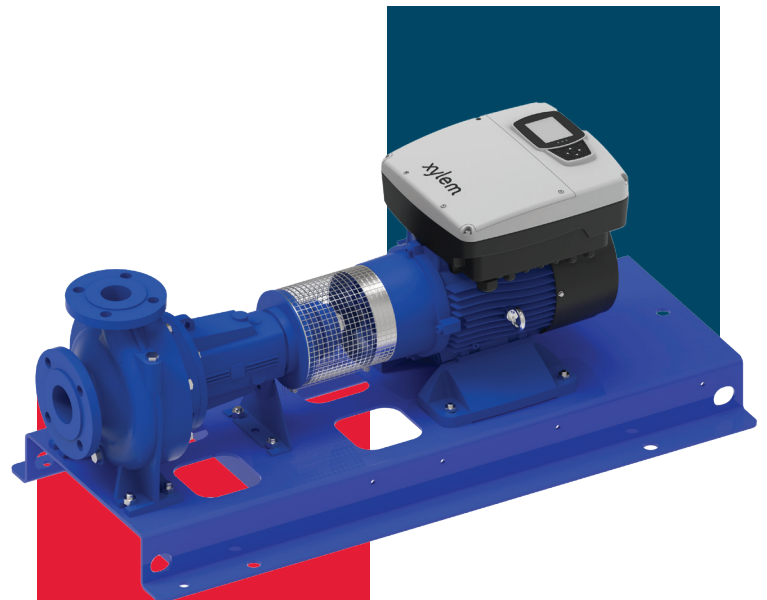
About Dura Pump

With nearly 50 years experience, we have built a strong reputation as a trusted partner, delivering bespoke pump solutions that use quality products, with energy efficiency always a top priority.

Dura Pump has a dedicated team of pump specialists whose key aim is to ensure we provide specialist fluid control services that guarantee increased productivity and profitability for you through reliable and efficient solutions.

Our values are paramount to us and we provide a friendly and knowledgeable service that can be trusted.

We honour these values from any of our departments and in any job, whether it's a simple spare pump part replacement, long-term pump maintenance or a complete turnkey installation.





Our Sustainability Goal

Our aim is to offer every customer an energy audit check. This energy check will provide you with an analysis of the energy consumption of your current pump system.

It will show if any savings can be made by switching to something more energy efficient.

It will equip you with the data you need to make decisions about maintenance, control, energy consumption and pump replacement.



Our energy audit can offer you huge savings and include the following:

- Evaluation of energy usage with manufacturer specifications or industry standards to identify potential inefficiencies.
- Calculation of pump efficiency using performance data to determine if pumps are operating within their optimal efficiency range.
- Flow rate and pressure measurements at different points in the pumping system to assess overall performance.
- Pressure drops, leaks, or inefficiencies in piping, valves, and fittings that may affect pump performance.
- System parameter monitoring such as temperature, vibration, and noise levels to identify abnormal conditions that could indicate inefficiencies or mechanical issues.
- Inspections for signs of wear, corrosion, or degradation in pump components.
- Recommendations to increase energy efficiency which could include, new pump equipment, new monitoring systems or strategies to reuse or recycle water, such as capturing and treating wastewater.



Energy Savings

Below are just some of the examples of where we have been able to deliver substantial energy savings on pumps for our customers.

Energy Saving Example 1

Electrical Chip Manufacturer

- Application: **Chilled Water Pumps**
- Pumped Volume: **673.2 m³/h (673,000 l/min)**
- Reduced Energy Consumption: **was 1,003,020 kWh, now 417,852 kWh**
- Energy Savings: **585,168 kWh**
- Investment: **£186,904.50**
- Annual Cost Saving: **£263,325.60**

Energy Saving Example 2

Car Seat Manufacturer

- Application: **Spray Booth, Water Wall Pumps**
- Pumped Volume: **580.10 m³/h (580,100 l/min)**
- Reduced Energy Consumption: **was 340,080 kWh, now 195,620 kWh**
- Energy Savings: **144,460 kWh**
- Investment: **£23,414.60**
- Annual Cost Saving: **£20,224.40**

Energy Saving Example 3

University

- Application: **Heating Pump**
- Pumped Volume: **11 m³/h (81.1 l/min)**
- Reduced Energy Consumption: **was 95,396.40 kWh, now 43,362 kWh**
- Energy Savings: **52,034.4 kWh**
- Investment: **£27,254.74**
- Annual Cost Saving: **£9,366.19**



Financing Your Energy Efficiency

To show how serious we are about helping our customers with their sustainability goals, we've teamed up with a finance partner to offer financial help for your projects.

We can now offer a service where the pump system is paid for through finance and the monthly payment is negated due to the energy savings we will be able to secure for you.

We will deliver a new system, at effectively no cost, while you save money and experience energy efficiency in your pump system.

NO COST PROJECT

Finance your project via us and offset monthly payments against energy savings = **£0** monthly payment.

ENERGY SAVINGS

Achieve energy savings of up to **£250,000** per annum, depending on the size of the project.

TAX RELIEF

Claim tax allowance of up to **25%** on plant and machinery investment.

Please seek further advice from your accountant.



DURA PUMP FINANCE

Helping you become
energy efficient

Finance Example 1

£186,904.50 Pump System

- Application: **Chilled Water**
- Project Cost: **£186,904**
- Finance Monthly Payment **£4,869.48 (4yrs)**
- Energy Savings: **£263,325.60** per year
- Monthly Saving: **£21,943.80**

Finance Example 2

£27,254 Pump System

- Application: **Heating Pump**
- Project Cost: **£27,254**
- Finance Monthly Payment **£599.65 (5yrs)**
- Energy Savings: **£9,366.19**
- Monthly Saving: **£780.51**





Digital Assist - Connect App

Dura Pump Connect is designed to be your go-to place for all details of your pump assets. The straightforward App lets you manage everything on your account with one log-in.

We are so convinced by Connect that we're enrolling all new customers automatically unless they tell us otherwise.

You can track anything quickly and easily, from invoices and quotes to your service record.

The key features of the App are:

- It lists all your assets in one place.
- Your service and repair records are all stored here too.
- You can manage your invoices and payments and approve any pending quotes. It provides a full job history.
- Allows you to monitor your assets to assess for energy efficiency.



Digital Assist - GSM Alert

Our groundbreaking Dura Pump GSM Alert System will help with energy efficiency by allowing you to operate your pump system remotely.

You will be instantly notified via text or email whenever an alarm, fault, or warning is triggered on the system. This smart pump alert system with early warning capabilities will save you both time and money.

1. Early Warning Advantage:

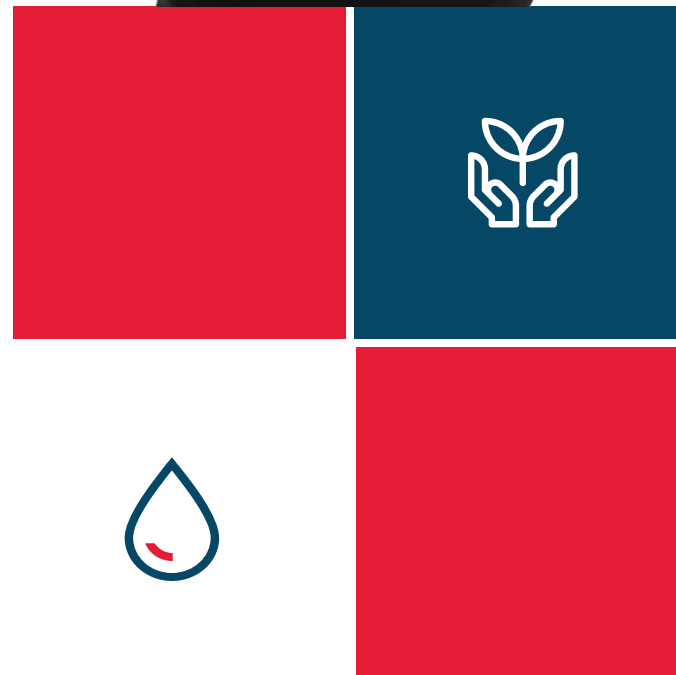
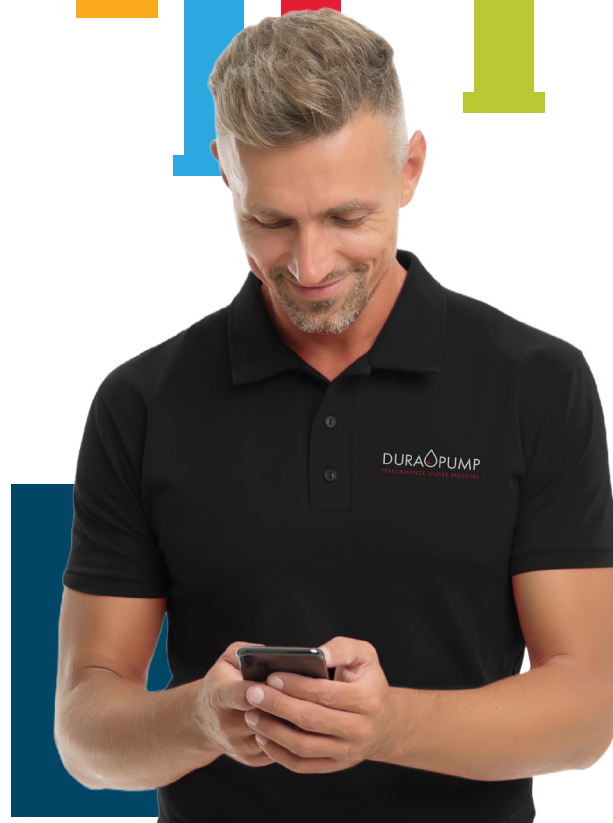
You will no longer have the uncertainty of pump failures or potential flooding. Our GSM system provides real-time notifications, allowing you to address issues before they escalate. This includes energy efficiency and performance.

2. Notification Alerts:

We can customise your alerts to match your specific needs. With the capability to notify up to eight mobile numbers or email addresses, receive instant updates on triggers such as power loss, pump tripping or an all-okay message. We can programme the system to your requirements, putting you in control.

3. Energy Monitoring:

You can choose to self-monitor or opt for Dura Pump's monitoring services. We can check that your pumps are operating at optimal performance and meeting your energy saving objectives.





Sustainability Together

Together with our customers, we are fully committed to achieving sustainability by implementing innovative solutions and optimising your pump usage.

By collaborating closely with you, we will work together to create a more sustainable pumping solution for your business.

Dura Pump can deliver more energy-efficient pumps by closely examining your needs and operational requirements. Through collaborative dialogue and partnership, we can identify energy saving opportunities for your pump requirement.

We will recommend advanced technologies and efficient maintenance practices.

By working together, we can tailor solutions that not only enhance energy efficiency but also meet your performance and sustainability goals.





Dura Pump estimated the possible energy savings that our new pump system could deliver. We are really pleased to see that the savings are exceeding the estimate.

Market Leader in Manufacturing

DURAPUMP
PERFORMANCE UNDER PRESSURE

Dura Pump Limited

4 Scotia Close, Northampton
NN4 7HR

Call: 01604 648 800

Email: mail@durapump.co.uk

Visit: www.durapump.co.uk

