

THE CRITICAL ROLE OF PUMPS IN COOLING TOWER PERFORMANCE



Cooling towers are the backbone of thermal management across industries—from power generation and manufacturing to HVAC systems in commercial buildings. At the heart of every efficient cooling tower is a reliable pump system, engineered to provide you with consistent flow, durability, and energy efficiency under demanding conditions.

At Cougar Pumps, we understand that your cooling tower applications require more than standard pumping solutions. Exposure to high flow rates, variable loads, corrosive water, and continuous operation means that your pump reliability is essential.

ENGINEERED FOR EFFICIENCY AND LONGEVITY

Cougar Pumps can offer you solutions designed to handle the unique challenges of your cooling tower circulation, including:

- High-volume water transfer with stable hydraulic performance
- Robust materials to resist corrosion, scaling, and wear
- Energy-efficient designs that help reduce operational costs
- Low-maintenance construction to minimise downtime

By optimising pump selection and design, your facility can significantly improve heat rejection efficiency while extending the life of your equipment.

WHY YOUR PUMP SELECTION MATTERS

If you select the wrong pump, it can lead to excessive energy consumption, vibration and premature failure. Issues that directly impact your system reliability and your operating budgets.

Our engineers work closely with engineers, contractors, and plant operators to ensure that every cooling tower pump is matched precisely to your specific system requirements.

SUPPORTING SUSTAINABLE OPERATIONS

As industries move toward more sustainable and energy-conscious operations, efficient cooling tower systems play a vital role. Cougar Pumps supports this transition by offering you solutions that balance performance with long-term efficiency, helping your facility to reduce energy usage.

Get in touch with us today to talk about your pump requirements.

service@cougar-industries.co.uk

www.cougar-global.com

@2026