



COUGAR

PUMPS



General Catalogue

Call us Now: +44 (0) 1442 860 000

www.cougar-global.com • sales@cougar-industries.co.uk





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COUGAR

PUMPS

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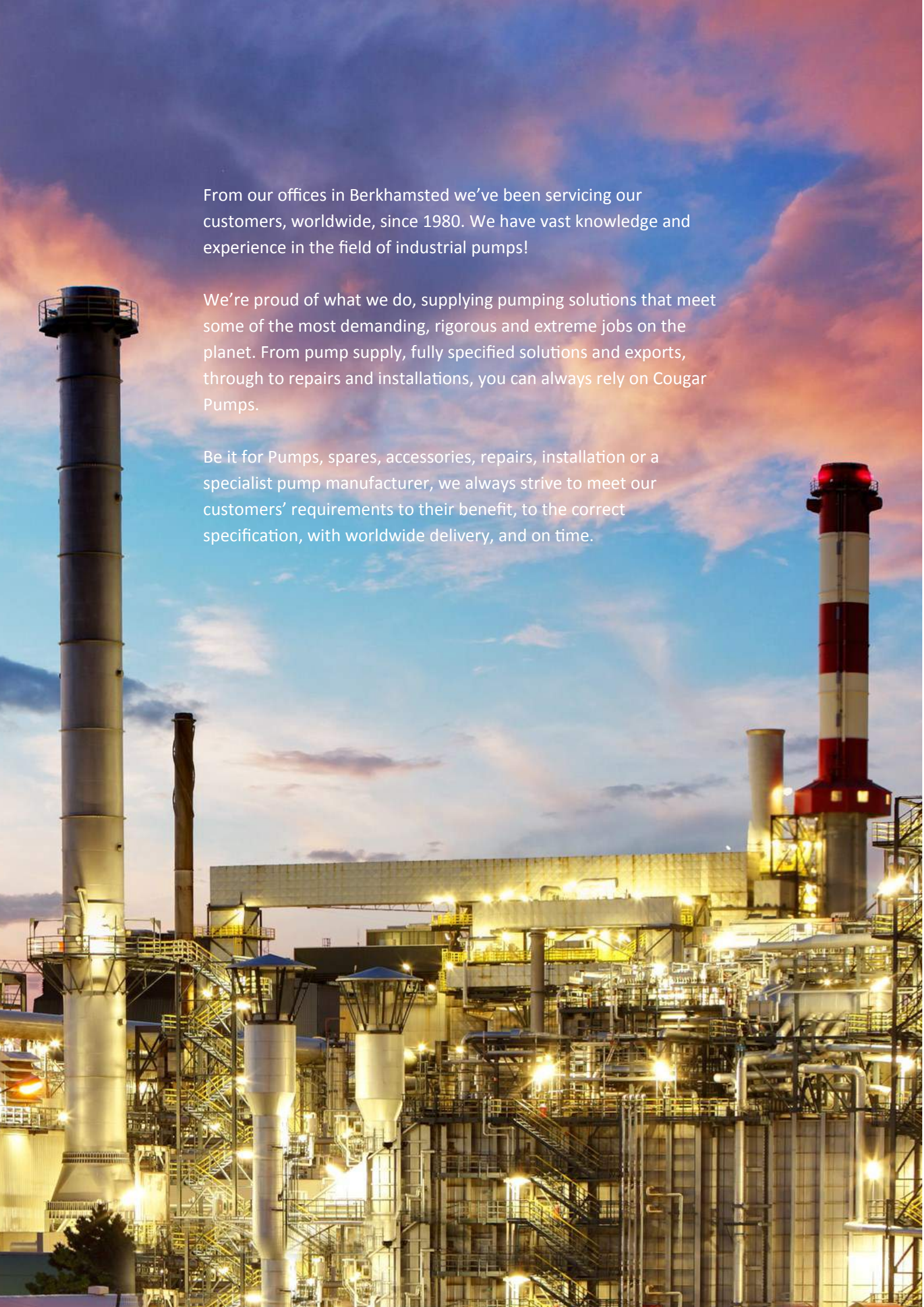
UK

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From our offices in Berkhamsted we've been servicing our customers, worldwide, since 1980. We have vast knowledge and experience in the field of industrial pumps!

We're proud of what we do, supplying pumping solutions that meet some of the most demanding, rigorous and extreme jobs on the planet. From pump supply, fully specified solutions and exports, through to repairs and installations, you can always rely on Cougar Pumps.

Be it for Pumps, spares, accessories, repairs, installation or a specialist pump manufacturer, we always strive to meet our customers' requirements to their benefit, to the correct specification, with worldwide delivery, and on time.



SEWAGE TREATMENT

BUILDING SERVICES AND
CONSTRUCTION

CHEMICAL INDUSTRY



PHARMACEUTICAL



FISH INDUSTRY



AUTOMOTIVE INDUSTRY



MARINE



PAPER INDUSTRY

We can supply any pump for any industry. We have a complete range of pumps which can be carefully selected by our sales office to cater for your needs.

The most common pumps we supply include:

- A range of End Suction Pumps
- Variable speed drive pumps
- Vertical Multistage Pumps
- In Line Pumps
- And Booster Sets and Washer Sets.



PAINT INDUSTRY



SHIPPING



RETAILERS



PRINTING INDUSTRY



POWER INDUSTRY



COUGAR BY INDUSTRY



You can find more information on our suppliers, pump range and repair centre further on in this brochure. Any queries, call our sales office, whether it is for spares, pumps or repairs, we will take the pressure from you.

FUEL INDUSTRY



FOOD AND DAIRY INDUSTRY



WINE AND BEVERAGES



PLASTICS



AGRICULTURAL INDUSTRY



MACHINING INDUSTRY



MINING



INKS



METAL INDUSTRY



GLASS



WATER TREATMENT



ELECTRONICS



WATER INDUSTRY



FACILITIES MANAGEMENT



OIL INDUSTRY



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COUGAR PUMPS

We are proud to be one of the largest UK pump distributors of industrial pumps to worldwide markets.



PROGRESSIVE CAVITY PUMPS

Their most impressive features include modularity, robustness and greater efficiency. Our solution to lengthy deliveries.

Cougar can cater for so many applications, you can't list them all. Here are a few for you to consider:

- Sewage Treatment
- Chemical and Petrochemical industry
- Fish industry
- Paper industry
- Mining
- Construction
- Ceramic industry
- Cosmetic industry

The Reversible Range

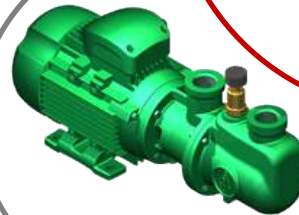
A new range of progressive cavity pumps with fully renewed mechanics to increase performance with a new patented pin joint. These pumps are completely reversible.



The Cast Iron and Bronze Pumps

Compact design, great performance and no pulsating flow! Also available in Stainless Steel for a wide range of applications.

* Positive Displacement Pump



Atex Approved Pumps

Pumps suitable to work in explosive areas. These pumps come equipped with Atex certification.



Flexible Impeller Pumps

Self-priming, reversible flow, compact, low speed performance and easy to install.



Dosing Pumps

Suitable for the dosing of various liquid products.





Crest Pumps Group

Chemical Pumping Solutions

Since 1973, Crest Pumps has continued to manufacture high quality, corrosion resistant, efficient Chemical Centrifugal Pumps from quality materials, such as Polypropylene, PVC, PVDF, PTFE and Stainless Steel. With 40 years of experience, their Mechanically Sealed Centrifugal Pumps have continued to surpass industry expectations through flexibility to meet customer requirements. It is possible to tailor the Chemical

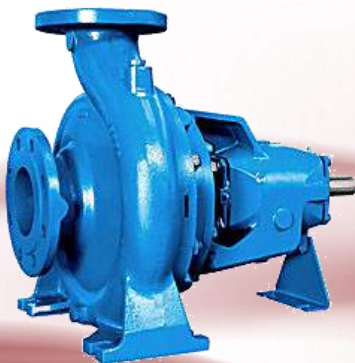


PLASTIC MAGNETIC DRIVE PUMPS

Crest mag drive chemical pumps are available in a range of different chemically resistant materials, ensuring our pumps are built to withstand tough conditions which include highly corrosive applications, high temperatures and high pressures. Their ranges are available in various materials, including Polypropylene, PFA, PVDF, ETFE, Carbon, Ceramic, Silicon Carbide, Viton and EPDM to suit all corrosive chemical pumping applications. Crest Magnetic Drive Pumps are seal-less meaning there is no risk to leakage, which in a toxic chemical environment is an absolute necessity; avoiding damage to the local environment

Vertical Stainless Steel Pump Range

Crest Pumps are proud to introduce our range of Stainless Steel Vertical Pumps that are able to handle extremely harsh environments due to their robust build. Both the SVB and SVC range of Stainless Steel Vertical Pumps offer solids pumping capabilities with high temperature resistance and extendable lengths up to 6 metres. Better yet, both the SVB and SVC are able to run dry meaning the pump will not break down as a result. Our Vertical pumps are unique within the industry as they can be built totally to your design specifications offering you flexibility and peace-of-mind that



CAST IRON CENTRIFUGAL WATER PUMPS

The CHC range of Cast Iron Centrifugal water Pump(s) are built to withstand high flow rates, pressures and temperature. Boasting <80% operating efficiency, the CHC range has been designed for clean liquids for applications such as, water supply, non-aggressive industrial liquids, heating, conditioning, cooling and circulation.

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Tuthill

Tuthill was established in 1892 they produce a range of internal and external gear pumps to suit many applications throughout Industry. Their tough, reliable parts, diverse product lines, and a host of customisation options make them the perfect choice for almost any application. From processing, to metering, to transferring, Tuthill has a pump that can meet your needs with quality that won't let you down. From - Magnetically driven seal less pumps with accurate measuring from 1 ml. per minute. To - Circumferential Piston pumps for viscosities of up to 4,000,000 cts.

THE TUTHILL RANGE



HD Process Pumps:

Used in the most arduous applications for high viscosities, temperature and flows. Application Examples; Ground meats, Paper Coatings, Fats, Crude Oil, Polymers, Black Liquor Soap, Chocolate, Animal by-products, Sewage, and Waste Oil.



TechnaFlo:

Magnetically driven, eliminates seal leakage entirely, chemically resistant available in PPS, 316L Stainless Steel, Hastalloy, Titanium.



LubeTec Pump Range:

Incorporates 1000 series, L series, C series pumps. Wide range of flows and viscosities are available. Application examples; Industrial Gearboxes, Industrial Compressors, Industrial Engines, Heat Exchangers, Fuel and Oil Transfer, Fuel and Oil feed, Transfer Fluids, and Vegetable



The Global Gear Process Pumps:

Versatile pump handling for a wide range of viscosities in a wide range of industries. Applications include: Polymers, Resins, Adhesives, Solvents, Acids, Bitumen, Grease, Oils, Fuel, Lard, Butter,

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GRUNDFOS

Grundfos Pumps cover a wide range of applications from water supply, water transfer, water treatment to wastewater. All of the Grundfos Pumps we supply are quality checked and pre-configured to meet the most demanding industrial requirements.



The basic CR pump range is available as standard in three different materials including two grades of stainless steel, and all-titanium versions in eleven flow sizes, capable of producing up to 40 bars of pressure, and with a variety of shaft



The Grundfos NB(E)/NBG(E) pumps are all non-self-priming, single-stage, centrifugal volute pumps with axial suction port, radial discharge port and horizontal shaft. The NB(E)/NBG(E) range consists of close-coupled pumps with their main dimensions in accordance with



Grundfos TP(D) and TPE(D) vertical in-line pumps are used in a variety of applications. The pumps are all single-stage, in-Line centrifugal pumps with standard motor and mechanical shaft seals. The pumps are of the close-coupled type, i.e. pumps and motor are separate



The MAGNA1 range of circulators comes complete with electronically controlled motors that are based on permanent magnet (PM) and stator technology. **They are designed for circulating liquids in a wide range of light commercial and commercial applications including:**

- Heating systems
- Air conditioning and cooling systems
- Domestic water systems
- Ground-source heat pump systems



xylem

Let's Solve Water

Lowara provide a large range of industrial units for water, pressure boosting, borehole, sewage, and HVAC. Great quality, modern construction, global presence, and it's all available from COUGAR! For a fabulous range of industrial pumps, drives, and accessories, Lowara Pumps covers most applications.

DOC PUMPS

DOC pumps are versatile, corrosion-resistant and compact. Three basic versions are available with 0.3 to 0.7 kW power. A DOC 7VX version with Vortex impeller and the DOC GT with fixed vertical float switch system are also available.



SV Vertical multistage centrifugal pumps

Highly reliable and technologically advanced multipurpose pumps capable of satisfying the needs of a wide variety of users. Many different construction designs are available, with models featuring 2-4-8-16-33-46-66-



Packaged Pumping Stations

Lowara Packaged Pumping Stations (PPS) use a simple concept designed for situations where civil work and installation time must be kept to a minimum. The stations are prefabricated and available in various sizes, supplied complete with all the necessary equipment to allow ease and speed of installation.



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Pumps In Strange Places

Within our years of experience, we have dealt with all kinds of unusual locations, from under water to over seas, you name it, we've seen it.

No job is too big or small! If it's a problem for you, we will do what we can to fix it!

Here are just a few peculiar problems we have solved.

- **Beneath the Docks in Harwich**
- *We needed Scuba Divers to help install it!*
- **For The C.E.G.B below the river Severn**
- **On the roof of Harrods!**



Difficult Duties

As long as we have a duty, we can size up and design a system to suit your needs, no matter how obscure!

- **Self Priming Sea Water Pumps in Gibraltar for firefighting! And them pumping on top of the Rock!**
- **Sewage Handling in sensitive areas, producing zero odour!**



Imaginative Solutions

We are not just a pretty face here at Cougar, if there's a will there's a way and we will always give you a creative and reliable result.

- **We replaced two fixed speed, split case pumps for a Water Authority with an 8 Pump Cascade system.**
 - Lower capital costs and massive energy savings!
- **Using 24v control panels to save the cost of form 4 panels in a flood relief scheme.**



Cougar's Berkhamsted repair centre is frequently asked to retrofit pump and other rotating machinery. Cougar are able to make the modifications to improve the delivery period not achievable from the factory.

BPA based at the Buncefield Fuel Terminal approached Cougar with an idea for a trailer mounted Hydro Test Pump. Following the reiterated restrictions and design criteria caused by events at the terminal in 2006, Cougar designed in partnership with the BPA and built the pictured trailer mounted module. Completely bespoke and dashing in Cougar



An Endurance Test Rig with a 30 000L holding tank, mounted on a bespoke fabricated module. It contained 2 pumps with inverters and flow meter test rigs for the purpose of lengthy flow meter test procedures. And again, Cougar designed, built, tested and installed to the satisfaction of the client.

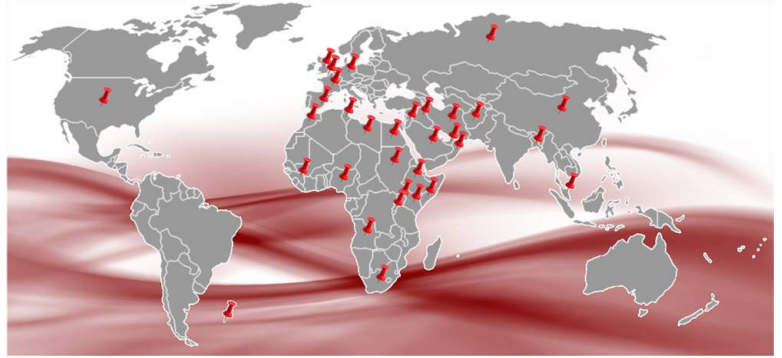


The Ingersoll Rand compressor units bound for Middle Eastern oil refineries. These standard sets required new explosion proof motors and electrical modifications to be fitted to suit their new found clients.



Cougar Pumps have been exporting pumping equipment and spare parts around the world for over 30 years including to our overseas offices.

Cougar relishes the task of specifying and delivering pumps and pump solutions all over the world. Any application is considered. Borehole pumps and ancillaries, sewage pumps, valves and control panels can be logistically planned and delivered door to door, worldwide.



From a small box of spares to a container full of pumps and ancillaries With the right logistics, documents and packaging; exporting is made easy and simple. From boosting cold water at Camp Bastion, to producing 300 m³/hr of borehole water for a gold mine in Africa, we can accommodate your requirements. We understand what you need. We advise when you don't know what you need. Competitive prices for any pump make. Technical assistance on site or over the phone to help complete your project.

A cargo plane to Singapore or a freight ship to the Falkland Islands, Cougar understand Export. We trade in £Sterling, US Dollars and Euro's.



Sent to Afghanistan



Tropicalized for Macau



Sent to Gibraltar

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Peace of Mind Preventative Maintenance

Whether its a sewage pump, pressurisation unit, heating pump or booster set, we would all prefer them working satisfactorily.

Cougar's Service Contract programme is scheduled to incorporate preventative maintenance which will increase your uptime and reduce your downtime together with all the hassles a breakdown does create.

Friendly engineers experienced in pump systems carry out the services, many just one visit per year. A full report confirms the condition of your pump(s) and ancillaries. The entire system is serviced and commented upon. The log history of your equipment is then maintained by Cougar.



Whether the site is an office block, factory, cul de sac of houses or a quaint cottage, a pump failure will cause dramatic disruption. Let our service department look after all your needs.



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The Service Contract

Cougar pump servicing:

- Pump checks
- Control panel checks
- Motor checks
- Float switch checks
- Pipework and valve checks
- Fully written reports issued on completion of service

We also have a call out emergency service available. All Cougar engineers are 'confined space entry' trained and electrically qualified. Cougar recommend an annual service agreement instead of an emergency call out.

Cougar carry out preventive maintenance on sewage submersible pumps and ancillaries. Cougars aim is to prevent expensive and troublesome call outs and build a history of servicing for your pump station or installation to increase "up

If further remedial work is necessary our service engineers are fully supported with Cougar's Repair Centre in Berkhamsted. Ready and capable of repairing any make or type of pump.

12 month services.

12 month warranty.





Want more detail on what we can offer your industry?
Find our leaflets on the following sectors for more information!



PHARMACEUTICAL



DAIRY



CHEMICAL
TREATMENT



BREWERIES &
MICRO BREWERIES



SHIPPING & FREIGHT



FOOD & BEVERAGE

Grundfos and Hilge

*Centrifugal pumps
for General industrial
and hygienic needs.*

Tuthill

*Gear Pumps
for Viscous
fluids.*

Crest

*Thermoplastic/ MAGdrives
for Chemicals and
aggressive liquids.*

Nova Rotor/ Mono

*Progressive Cavity for
Sludge/Slurry and viscous
liquids.*

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