



Complete Pump & Water Management Solutions

Packaged Pumps Systems Ltd (PPS) is a leading water management specialist, delivering complete solutions for commercial, residential and facilities management projects. From technical specification and system design through to manufacture, installation and long-term aftercare, we provide reliable, end-to-end support across every stage of the project lifecycle.

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About PPS Pumps:

Packaged Pumps Systems Limited (PPS) is a leading water management specialist, providing complete solutions for commercial, residential and facilities management projects. From technical specification and system design through to manufacture, installation, maintenance, monitoring and long-term aftercare, we deliver reliable, end-to-end support across every stage of the project lifecycle.

With over 25 years of experience, Packaged Pumps Systems (PPS) partners with contractors, architects, engineers and homeowners across the UK, delivering specialist pumping and water management solutions for commercial, residential and facilities management projects.

Combining technical expertise with a comprehensive range of services, including pumping systems, cold water booster systems, water management and civil engineering, wastewater tankering, and water and Legionella testing, we deliver complete solutions from technical specification and installation through to maintenance, monitoring and long-term support.

Our experienced team of engineers, electricians, plumbers and technical specialists is supported by a dedicated in-house customer service team, ensuring expert support from specification through to long-term maintenance.

Innovation is at the heart of everything we do. Our dedicated research and development facility, 'The Lab', enables us to continuously develop new products and improve existing solutions, while our purpose-built training centre ensures our team and clients remain up to date with the latest technologies and best practices.

From initial design through to installation, compliance and ongoing support, PPS delivers quality, reliability and technical expertise at every stage.





Why Choose PPS Pumps?

Trusted by more than 7,000 property owners and businesses across the UK, with over 1,000 pump stations built each year. Our technical specification services provide complete systems and solutions for all aspects of your application, including ground, surface & foul water, and clean water systems.

REMOTE MONITORING

We live-monitor our client's pump station conditions from our in-house Operations Centre via SideWinder Tech™ detecting potential failures before they happen.

COMMUNICATION

Our mobile-workforce system reports back with photos and live job progress, 24/7/365, so you always know the status of your site.

HEALTH & SAFETY

We are SafeContractor approved and our team of experts work to the highest standards, with full risk assessments and method statements for every job, with engineers trained above industry standard.

CLIENT CARE

Tailor-made monitored and unmonitored service contracts give total peace of mind, protecting you from costly repairs, lost business and disaster recovery.

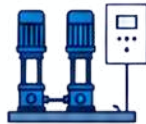
TECHNOLOGY

Our in-house R&D team continually develops products that challenge the market. That are innovative and built to the highest standard and competitively priced.





SUMP CHAMBERS
& PUMP STATIONS



WATER BOOSTER
SYSTEMS



TANKERING
SERVICES



FULL WATER
MANAGEMENT
SUPPORT



PREVENT PROBLEMS.
PROTECT ASSETS.
REDUCE RISK.



Long-term Asset Reliability Planning

Asset assessments, lifecycle strategies and monitoring solutions that maximise reliability, compliance and value.



Water Management Civil Engineering

Civil engineering solutions for pump stations, drainage systems, pipework installations and infrastructure projects.



Facility Management Support

Multi-site FM support including maintenance coordination, compliance and reactive & planned works management.



Water & Legionella Testing

Water quality testing, legionella risk assessments and ongoing monitoring to ensure compliance and safety.



Preventative Maintenance & Rapid Response

Planned maintenance programmes and 24/7/365 emergency response to prevent downtime and protect your assets and property from flooding.



Wastewater Removal & Infrastructure Support

Tankering, drainage works, wastewater removal and infrastructure support services for all sectors.



End-to-End Pumping Station Solutions

Design, installation, commissioning, upgrades and refurbishments. Complete lifecycle support for clean water and waste-water pumping stations.



Pump Stations:

We are industry-leading specialist in the manufacture, installation, and maintenance of submersible pump stations for fully commercial building services, the facilities management market and domestic basements.

V-SERIES STATIONS

As the manufacturers of the Dual V3, V4 and V6, as well as the Single V3 and Foul V3, our V-series provides a simple, straightforward solution for groundwater, surface-water and foul-water applications.

800 & 1000 SERIES

When a project needs something more specific, our bespoke series are designed for installations with more complex requirements: higher flows, deeper chambers and tailored controls.

BESPOKE CIVIL PROJECTS

For larger or more complex developments, we provide complete civil engineering solutions.

From site surveys and excavation to chamber installation, drainage infrastructure and final commissioning, we manage every stage to ensure a seamless delivery.

PROCUREMENT PROJECT ROADMAP

01 SURVEY & ASSESSMENT



Site inspections, asset reviews, infrastructure assessments and risk identification.

02 SCOPE DEVELOPMENT & DESIGN



Engineering design, technical specifications, budget planning and compliance considerations.

03 PROCUREMENT & AUTHORITY APPROVAL



Procurement planning, contractor coordination, authority engagement and compliance approvals.

04 DELIVERY & INSTALLATION



Project mobilisation, installation works, testing & commissioning and operational handover.

05 MAINTENANCE & LIFECYCLE MANAGEMENT



Planned maintenance, monitoring systems, asset reporting, lifecycle optimisation and emergency support.



Power, Controls & Monitoring:

Pumps are hard-wired into the mains but in a power outage water keeps rising. BS8102:2022 makes a battery back-up essential, and intelligent controls keep your system visible and protected at all times.

BATTERY BACK-UPS – THE POWERMAXX2 RANGE

The PowerMaxx2 is a battery back up unit, specifically designed for pump applications to ensure they can still operate should there be a power outage. PPS are the original designers and exclusive manufacturers of the PowerMaxx2 range.

- PowerMaxx2 – for the V3 ground-water system
- Hi-PowerMaxx2 – for the V4–V6 ground-water system
- Hi-PowerMaxx2 XL – for the D10 / 501 foul-water system

CONTROL PANELS & ALARMS

AlertMaxx2 – Intelligent logging, up to 8A per pump, energy monitoring via SideWinder, WiFi enabled, internal battery backup, 100dB sounder and predictive detection of 70%+ of failures in advance.

Telemetrix - Telemetrix is a wastewater pump control panel with remote monitoring built in, the dual-pump control panel has added connectivity on top of a standard control panel design.

REMOTE MONITORING – SIDEWINDER TECH™

Our predictive SideWinder Tech gives peace of mind with remote monitoring, predictive maintenance and a live dashboard, all hosted in our 24/7/365 Operations Centre.

Waterproofing, Drainage & Specification:



In partnership with Wykamol, we supply structural waterproofing alongside your pump chamber so the whole below-ground package comes from one supplier.

Type A – barrier protection: cementitious tanking, plugs & tapes that form a continuous barrier against water ingress.

Type B – gas protection & waterproofing: combined protection membranes integrated into the structure for below-ground resilience.

Type C – cavity drain membranes: waterproofing membranes with drainage channels & connectors, managing water to the pump sump.

DRAINAGE

Ground water drainage channels, connectors and ancillaries complete the water-management package, pairing your waterproofing system with reliable conveyance to the pump sump.

SPECIFICATION & DESIGN SUPPORT

Our engineers help architects, consultants and contractors specify compliant systems.

We carry out a site survey, issue a detailed report of any remedial works, and configure standard or bespoke pump stations and control panels to suit the project all aligned to BS8102:2022.





Specification, Supply & Installation

We design, specify, supply, install and commission complete water management solutions tailored to the needs of each project, designed for residential, commercial and mixed-use developments, supporting main contractors, M&E contractors, developers, consultants and facilities teams from first design through to final commissioning.

TECHNICAL SPECIFICATION & DESIGN

Every successful project starts with the right specification. Our technical team assesses site conditions, system demands and compliance requirements to design practical, buildable solutions that integrate seamlessly with new developments, refurbishments and existing infrastructure.

EQUIPMENT SUPPLY & MANUFACTURING

PPS manufactures and supplies a comprehensive range of water management systems and equipment, including packaged pump stations, wastewater pumping systems, cold water booster sets, storage tanks, control panels and associated infrastructure.

INSTALLATION & COMMISSIONING

Our experienced engineers install, test and commission every system to ensure a safe, reliable operation from day one. Working to industry standards, we provide complete handover documentation and ensure every installation is fully operational before project completion.

ONGOING SUPPORT

Our relationship doesn't end at installation. Through planned maintenance, reactive support, water and Legionella testing, tankering services and long-term asset management, we help customers maximise system performance, maintain compliance and protect critical infrastructure throughout its lifecycle.

Electrical & Building Services:

Pump systems and water infrastructure depend on safe, compliant electrical installations. By delivering this in-house we manage the entire scope, design, installation, diagnostics and remedial works without relying on third parties or causing delays.

- Distribution board upgrades
- Power & control circuit installation & testing
- Earthing & bonding
- Compliance inspections & certification
- Diagnostics & fault rectification
- System design & remedial works
- Fixed-wire testing & EICRs

Fixed-wire testing and condition reports give building owners and facilities managers the documentation to demonstrate electrical safety across their portfolios.

BEYOND PUMPS: A SINGLE CONTRACTOR

We also maintain wider building-services infrastructure, including underfloor heating systems, clean-water testing and compliance, provide the full end-to-end package, allowing clients to consolidate multiple disciplines under one contractor rather than managing several, with the end goal of streamlining and shortening timelines for your project.

STRATEGIC VALUE TO OUR CLIENTS





Maintenance, Water Hygiene & Compliance:

We prioritise prevention over cure. A single contractor manages routine compliance, reducing administrative work, closing liability gaps and ensuring audit-ready documentation.

PLANNED PREVENTATIVE MAINTENANCE

Scheduled service visits keep systems operating to current British Standards, including BS12056:2022, and resolve developing issues before they escalate. Plans include quarterly servicing, breakdown cover and preferential rates on parts, with flexible options for larger portfolios.

WATER HYGIENE & COMPLIANCE

Support in line with ACoP L8 and HSG274 guidance:

- Temperature monitoring of hot & cold systems
- TMV & blending-valve servicing
- Flushing of infrequently used outlets
- Monitoring of storage tanks & calorifiers
- Legionella risk-assessment support & sampling
- Logbooks, inspection & temperature records

Accurate documentation is kept audit-ready, and one contractor closes the gaps between mechanical, electrical and water-hygiene disciplines.

24/7 EMERGENCY BREAKDOWN RESPONSE

Engineers are available around the clock and dispatched directly to site with a comprehensive stock of parts, resolving most faults in a single visit. We support residential blocks, commercial premises, plant rooms, construction sites and critical infrastructure where fast response is essential.



Water Management Civil Engineering:

Civil works for sump pump chambers and associated works involve site excavation, structural chamber installation, and pipeline connections to manage surface water, wastewater, or sewage. Our expert team are on hand to conduct a thorough site survey and suggest the most appropriate service for your project.

KEY STAGES OF CIVIL WORKS

- **Excavation & Earthworks:** Safe digging, temporary shoring, and dewatering of the pit area to reach the required sub-grade level.
- **Base Construction:** Pouring a reinforced concrete (RC) base slab or blinding layer to provide a stable, load-bearing foundation for the chamber.
- **Chamber Installation:** Positioning pre-cast concrete rings, GRP (glass-reinforced plastic), or molded polyethylene sump chambers plumb and level.
- **Inlet/Outlet Connections:** Core drilling and sealing pipe penetrations for gravity inlet drains, cable ducts, and rising main discharge pipes.
- **Benching & Finishing:** Constructing internal concrete benching to guide fluids smoothly into the pump intake and prevent stagnation.
- **Backfilling & Reinstatement:** Placing structural-grade backfill material in uniform layers around the chamber and compacting to prevent ground settlement.

ASSOCIATED INFRASTRUCTURE WORKS

We install heavy-duty, load-rated access covers and external control kiosks, along with all associated drainage infrastructure, including gravity feeder pipes, electrical ducting and external pressure mains. Before mechanical and electrical pump installation, every chamber undergoes rigorous structural water-integrity testing, while all discharge pipelines are pressure tested to ensure the system is fully prepared for commissioning.



Contact Us:

Whether you need emergency support, routine maintenance, system upgrades or expert advice, our experienced engineers are here to help.

Get in touch today to discuss your requirements or arrange a site visit.

Phone Number:



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Location:



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