



# Sanitary pumps engineered for your process

Optimise performance  
with specialist  
support



**NORTH RIDGE PUMPS**  
ENGINEERED BEYOND YOUR NEEDS



A proven track record for product support and customer service throughout the UK and internationally



Whether you're dealing with clogging, separation, downtime, or other issue - it's costly. Time wasted troubleshooting and lower production mean missed targets and less profit. A sanitary pump is the solution but choosing the right one feels like stepping into a minefield. You know what you need it to do but with so many options, it's difficult to know which is best for your process and parameters.



## We're pump specialists, so you don't need to be

We've been engineering sanitary pumps for sectors such as distilling, brewing, food manufacturing/processing, and more, for 20+ years. We understand industry-specific processes and know what it takes to optimise performance through better-suited pump design — giving you complete peace of mind.

### EXPERT GUIDANCE:

Our expert engineers understand your process and guide you through the options, so you can confidently select the most suitable sanitary pump.

### BESPOKE PUMP DESIGN

We work with you to configure the pump to your fluid, application and needs.

- + Designed using materials suited to your process, required duty point and specific fluid handling requirements.
- + Engineered specifically for your process including baseplate mounted, within a mobile frame or in kit form as plug and play, with couplings, hose, dispensing nozzle, flowmeters, valves, control panels, inverter drives and monitoring systems.

### KEY CONSIDERATIONS WHEN SELECTING A SANITARY PUMP:

- + Lowest lifetime cost
- + Zero impact on the product such as change to consistency, damage to particles being pumped and cross-contamination
- + Operational duty needs
- + Industry-standard requirements such as hygienic construction, 3A, FDA and EHEDG approved
- + Suitability for its location, for example, an explosive environment
- + Easy maintenance for minimal downtime and maximum hygiene
- + Elimination of manual handling; automated transfer, and improved safety
- + With or without pressure relief valve



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## Trusted by over 500 companies to reduce downtime, increase production and save time

Industry knowledge and application expertise across dispensing, dosing, gentle handling, blending and transfer, means whatever the problem, it's likely we've seen it before. So we can help you solve it sooner.

- + Accelerated stator wear
- + Clogging
- + Changes to fluid consistency
- + Clean-in-place and sterilise-in-place hygiene issues
- + Crushing of sensitive products
- + Inconsistency in finished product
- + Inaccurate transfer of flavourings or ingredients
- + Liquid separation
- + Seal wear or failure

### OPTIMISE PERFORMANCE

All our sanitary pumps are certified to 3A, FDA or EHEDG standard



### KEY FEATURES: MULTIPURPOSE PUMPS FOR VERSATILITY AND CONVENIENCE

Conveniently use one unit for multiple fluids, various viscosities, and process duty.

### MOBILE PUMPS MAKE IT QUICK AND EASY TO MOVE BETWEEN DECANTING PROCESSES

Effortlessly move trolley-mounted or hopper-fitted pumps.

### EASY-TO-EMPTY, CLEAN AND MAINTAIN UNITS MEAN MINIMAL DOWNTIME AND BETTER HYGIENE

Empty units quickly with hose and trigger nozzles. Dismantle easily and clean effectively via clean-in-place or sterilise-in-place.

### SOLID HANDLING UNITS MEAN LESS CLOGGING, INCREASED UPTIME, AND NO DAMAGE TO PRODUCT

Pump up to 1M cst of difficult sludges, solid laden fluids, and non-flowing purees, with auger feed and bridge breaker.

### VARIABLE SPEED MOTOR GIVES GREATER CONTROL AND KEEPS PRODUCT AT PREFERRED CONSISTENCY

Easily vary output flow and manage various viscosities with an integrated inverter. Increase accuracy and avoid splashing with automation.

### OPTIONAL PRESSURE RELIEF VALVE PREVENTS DAMAGE TO PUMP AND PRODUCT, AND INJURY TO OPERATORS

Easily remove the risk of sudden liquid escape, loss of product and injury caused by pressure build up and failure of pipework, joints and pump head.

### SEALLESS AND VALVELESS UNITS MEAN FEWER PUMP ISSUES AND KEEP THE PROCESS RUNNING SMOOTHLY

Prevent leakage within the pump, eliminate clogging and remove hygiene risks.

### HEATING JACKET PRESERVES FLUID VISCOSITY AND PREVENTS SOLIDIFYING

Automatically maintain fluid temperature and minimise risk of product damage.

### DOUBLE MECHANICAL SEAL ENSURES HIGH LEVEL OF SAFETY AND REDUCED WEAR

Securely pump abrasive, flammable or viscous fluids while maximising the lifespan of the unit.

### RANGE OF HYGIENIC CONNECTIONS ENSURES THEY'RE SUITED TO YOUR SPECIFIC PROCESS

Select the best connection for your hygiene level needs and process.

### OPTION OF ATEX RATED UNITS FOR THE HIGHEST SAFETY

Be confident any explosion is contained within the pump and operators are protected from harm.

### EXAMPLE PRODUCTS:

- + Abrasive mixtures
- + Creams, milk & ice cream
- + Edible oils & fats
- + Fish & meat
- + Fruits eg. cooked apples, plums, berries, grapes
- + Grains & seeds
- + Pastes & purees
- + Syrups, juices & alcohols
- + Vegetables & peelings
- + Waste eg. trimmings, packaging & offcuts
- + Sheer sensitive liquids
- + Solid laden or viscous mixtures



Want to optimise performance sooner?  
Speak to one of our specialists.

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