

HIGH SPECIFICATION PUMP SOLUTIONS FOR THE DEFENCE INDUSTRY

CLYDEUNION PUMPS®

PLENTY®



ClydeUnion Pumps and Plenty Pumps are part of Celeros Flow Technology, a multi-industry manufacturing leader focused on providing solutions that support the expansion of global infrastructure, with particular emphasis on the growing worldwide demand for energy and power. Under our ClydeUnion Pumps brand, we have been responsible for the design and production of critical and first level equipment on previous and current submarine classes. Meanwhile our Plenty Pumps are extensively used on surface ships, nuclear submarines, civilian craft and merchant ships world-wide.

PLENTY PUMPS

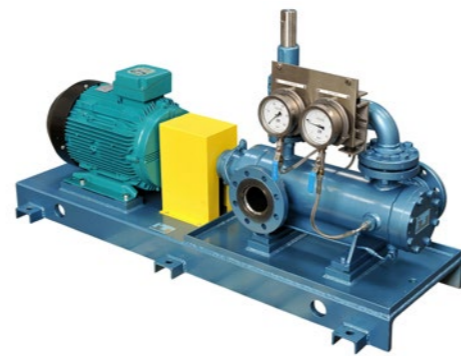
Plenty is a firmly established and universally respected brand. Our extensive product range comprises of positive displacement, fixed and variable flow rotary vane pumps, plus a multitude of triple and twin-screw pumps. Celeros FT continues to maintain and develop the quality standards traditionally demanded by the Defence Industry and has a Quality Management System certified as being in conformity with ISO 9001:2015 by a certification body. Among the expansive array of products bearing the Plenty brand, we have engineered a range of pumps meticulously tailored for the exacting needs of the Defence Industry.

Plenty Pumps Defence applications:

- Gearbox / Turbine / Generator Lubrication
- Hydraulic oil systems
- Helicopter refuelling
- Boat refuelling
- Fuel Transfer
- Oil / Water separator systems

NAVAL SUPPORT & GLOBAL REACH

Plenty Pumps are extensively used on all types of surface ships from minesweepers, frigates, destroyers and aircraft carriers along with conventional and nuclear submarines. Celeros FT has over 60 years' experience supplying the Defence Industry, satisfying the stringent requirements associated with equipment for warships. Our commitment to customer service extends to maintaining spares support for equipment that has now seen many years' service. Detailed records and equipment traceability combined with a commitment to customer support has resulted in spares still being available, enabling ships to remain in operation as long as required throughout Europe, Asia, Australasia, Middle East and the Americas.



CLYDEUNION PUMPS

For over 60 years, ClydeUnion Pumps has been involved in the design and manufacturing of crucial equipment for the naval defence sector. With a wealth of experience in catering to naval clients in both the UK and France, our pumping solutions are meticulously engineered, employing advanced technologies in our design processes to effectively meet the most demanding naval specifications.

Designed for optimal performance:

- Products engineered to order for optimal performance
- Physical shock design & testing capability
- Hydraulic design and analysis
- Optimal noise & vibration design
- Rotor-dynamics
- Stress and structural analysis
- Metallurgy
- Electrical engineering
- Experimental and prototype testing

Our engineered-to-order pumping technology is also used to carry out all kinds of critical industrial functions.

ClydeUnion Pumps is a trusted supplier of critical pumps to nuclear power plants all around the globe. We are a valued flow control engineering partner to the oil/gas industry – supporting upstream, downstream, transportation and offshore exploration activities. Other key areas we address include renewable energy, seawater desalination, water and waste water treatment.



PROUDLY SERVING THE DEFENCE INDUSTRY FOR OVER 60 YEARS

Celeros Flow Technology – through our ClydeUnion Pumps and Plenty Pumps brands – has designed and manufactured critical fluid handling equipment for the naval sector for over 60 years.



ClydeUnion Pumps and Plenty Pumps specialise in the design, development, qualification and manufacture of high specification pumps for critical applications:

- Low noise & vibration
- Low NPSH
- Zero emissions pumps
- High Shock capability
- Fast Accurate Scale Testing
- Full Prototyping

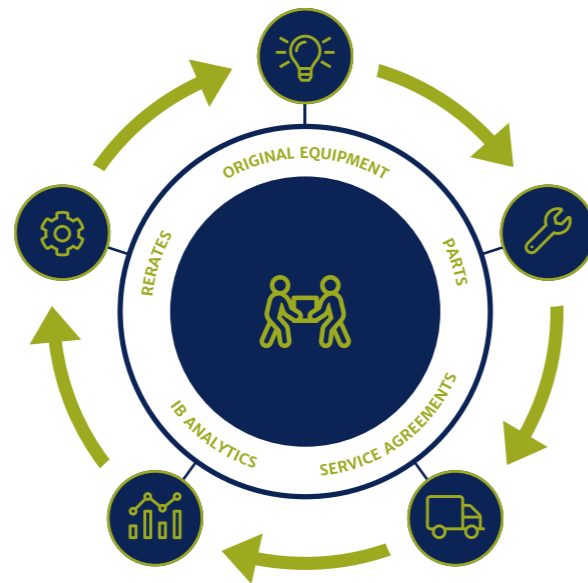
YOUR TOTAL LIFECYCLE PARTNER

Designed and manufactured with your security in mind:

- Secure naval manufacturing bay
- Dedicated naval test rigs
- Research Laboratory
- Cyber Essentials PLUS accredited

Celeros Flow Technology full-service aftermarket support:

- OEM trained service engineers
- Servicing any make or model of pump
- Vibration analysis
- Performance testing
- Site overhauls & repairs
- Equipment condition trending



HIGH SPECIFICATION PUMPS

FOR THE DEFENCE INDUSTRY

| SPEED
| EXCELLENCE
| PARTNERSHIP





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