



**PRIOR  
POWER  
SOLUTIONS**

**WELL SERVICES**

# ABOUT US

Prior Power Solutions designs and manufactures a wide range of well service equipment including nitrogen units, coil tubing units, hydraulic power units and fluid pumps.

With an international reputation for high quality design and manufacture, particularly for hazardous area applications, we also provide extensive aftermarket product support including recertification, refurbishment, upgrades, and repairs.

We are proudly demonstrating our ability as a British manufacturer to adapt to and embrace change. Working with academia, we are developing cleaner diesel, hybrid, electric and hydrogen powered products, helping our customers adopt the latest in clean energy technology.

Our portfolio of products is complemented by multi-skilled technicians, certified to work off-site, onshore, or offshore, and backed by a multi-franchise parts department ensuring that customer downtime is kept to a minimum.

Established in 1980, we offer 24/7 support to our customers worldwide from our extensive base in Great Yarmouth, Norfolk.



**DESIGN FLEXIBILITY**



**HIGH QUALITY BUILD**



**GLOBAL SUPPORT**



**SUPPORTING A LOW  
CARBON FUTURE**





# POWER SOLUTIONS

As the energy transition gains momentum, the need for alternative and sustainable power systems, products and services grows.

Working with academia, we are developing cleaner diesel, electric, hybrid and hydrogen powered products to meet this need.

## HYDROGEN/DIESEL INTRODUCTION SYSTEM

The self-contained Hydrogen/Diesel Introduction System produces hydrogen on demand for internal combustion engines. Independent testing has shown the addition of hydrogen provides a cleaner burn and reduces harmful emission by up to 80%.

The technology includes sophisticated electronics which are demand responsive to hydrogen flow to optimise engine performance.

Reducing fuel consumption by up to 14%, the Hydrogen/Diesel injection system delivers an excellent return on investment and can be retro-fitted to increase the longevity of equipment.

## ELECTRIC-DRIVEN PRODUCTS

The electric-driven range of products particularly allow for reduced emissions in hazardous environments.

Designed and manufactured to meet the requirements of an ever-changing market and reduce overall environmental impact, our electric-driven products also benefit from reduced harmful and costly consumables and are typically available on shorter build and delivery schedules than traditional-powered products.



**ECONOMIC**



**ENVIRONMENTAL**



**EFFICIENT**

**DUAL  
FUEL**

**CLEAN  
DIESEL**

**HYDROGEN**

**ELECTRIC**

**HYBRID**



# DESIGN & MANUFACTURE

Renowned for our quality workmanship and design flexibility, all our products provide best value and high performance, meeting exact customer requirements.

Decades of experience has enabled the development of a multi-disciplined engineering design and build capacity all under one roof at our 2,800sqm site.

Our talented and time-served team of engineers and draughtsmen are experienced problem solvers with a clear understanding of the need to future-proof products for easy maintenance and future upgrades giving exceptional value for money.

Bespoke open skid, acoustic split skid and trailer-mounted configurations can be produced to exact customer requirements alongside our core product range.

All products are designed and manufactured to a high standard and can be certified for areas requiring ATEX Zone I & II Hazardous Area, NORSOK, Safe Area, CE compliance and UKCA.



**HAZARDOUS AREA &  
NON-HAZARDOUS AREA  
PRODUCTS**



**CE COMPLIANT  
PRODUCTS**



**ELECTRICAL, MECHANICAL,  
HYDRAULIC & PNEUMATIC  
ENGINEERING SKILLS**



**SOFTWARE DESIGN  
ENGINEERING**



# AFTERMARKET SUPPORT

From new build to major refurbishment, our extensive product aftermarket services include refurbishment, re-certification and upgrades.

We also provide extensive engine and equipment repair and maintenance services.

Covering a wide range of markets and applications we are an authorised dealer for all major engine and equipment manufacturers, stocking and supplying a wide range of parts and engines.



**REFURBISH**



**UPGRADE**



**RE-CERTIFICATION**



**REPAIR**

## **CRYOGENIC SERVICES**

Our dedicated Cryogenic service centre offers full servicing and overhaul for equipment including cold ends, boost pumps, triplex pumps and valves.

Services range from routine maintenance to complete service exchange components ready for dispatch. Bespoke cryogenic pipework is also offered and manufactured to specification.

Our experienced service engineers provide worldwide support to customers from onsite analysis to installation.





# PRODUCT RANGE

All our products are available in standard or bespoke formats, CE-marked or non-CE and ATEX, non-ATEX and IECEx.

## NITROGEN UNITS

We are renowned for high quality nitrogen units which are supplied to suit locations and operating environments all around the world. Built to high standards with ease of ongoing maintenance in mind, our units range from 60-540K. Our revolutionary electric-driven nitrogen pump has been designed to reduce overall environmental impact.

## HYDRAULIC POWER UNITS (HPU)

Prior Power Solutions manufactures hydraulic power packs to high standards providing efficient operation and easy maintenance. We have developed a self-contained electric Hydraulic Power Unit that is both compact and lightweight with high efficiency pump capacity.

## COIL TUBING UNITS

Our integrated approach of supplying elements of the coil tubing unit including the control cabin, power pack, high pressure pump unit and power hose reel ensures our customers are assured of a product that meets their specific requirements for optimal operation.

## FLUID PUMPS

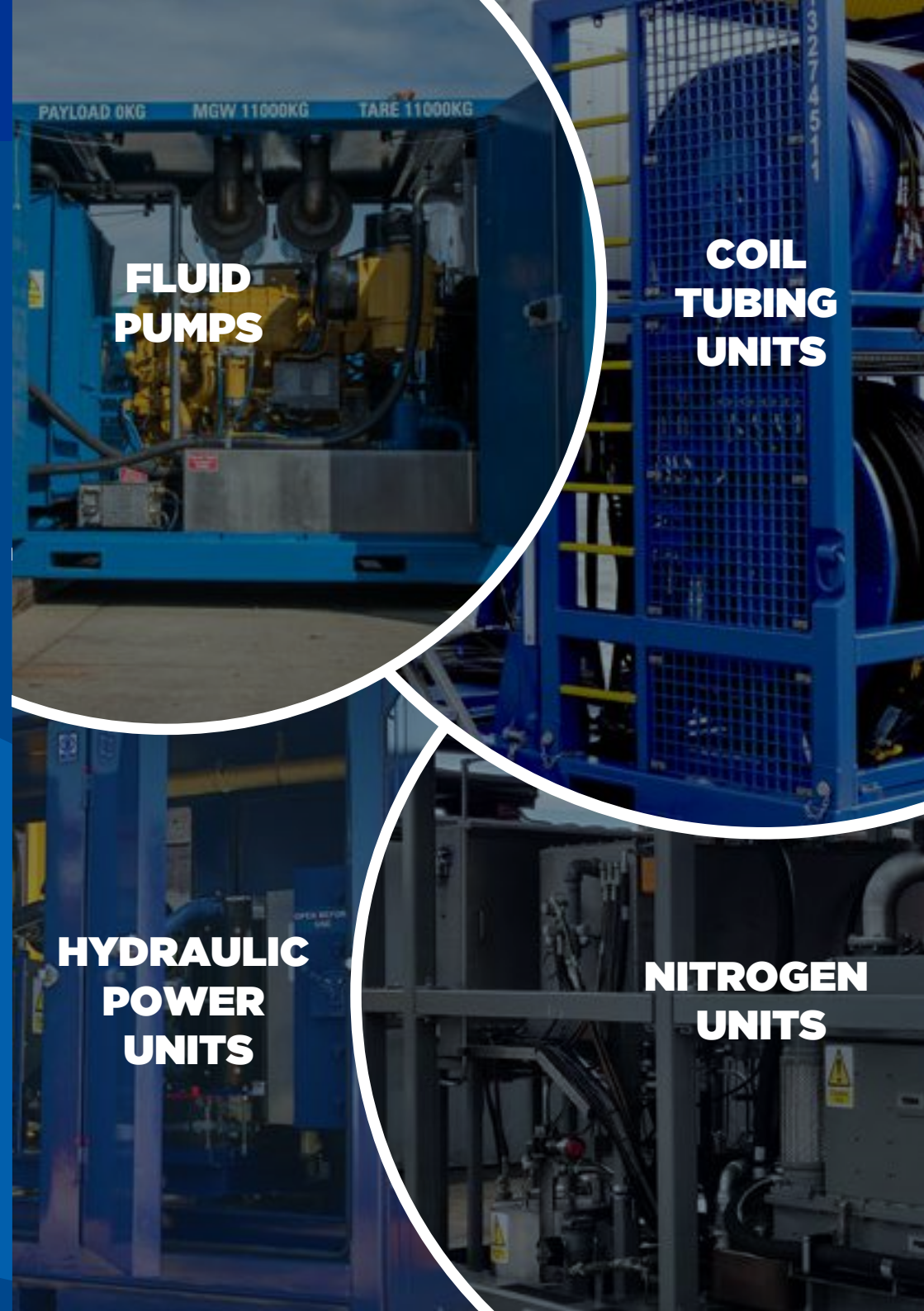
The industrial fluid pumps we manufacture are self-contained units capable of pumping various fluids at different pressures. Supplied to meet customers' exact requirements, our pumps can be designed to integrate fully with existing systems.



**EXTENSIVE  
TESTING**



**DESIGN  
FLEXIBILITY**



**FLUID  
PUMPS**

**COIL  
TUBING  
UNITS**

**HYDRAULIC  
POWER  
UNITS**

**NITROGEN  
UNITS**

# PRODUCT RANGE

## GENERATOR SETS

The high-quality diesel and bio-diesel powered generators we provide are built for longevity and to suit a wide range of power applications. Manufactured using top quality components, the generators we provide meet our customers' exact needs, using cleaner and greener engines.

## COMPRESSORS

The air compressors we provide are known for their reliability, durability and performance. Available in a stationary, portable, open, enclosed, containerise and soundproof formats, packages pairing prime mover and air end option can be tailored to meet any user requirement.

## BATCH BLENDERS

Built to handle large slurry volumes, our batch mixers combine a hydraulic power unit, two centrifugal pumps and two batch tanks to enable individual tank mixing and cross mixing. Available as trailer or skid mounted, our batch mixers are built to high standards to withstand harsh environmental conditions and with ease of maintenance and operation in mind.

## CEMENT MIXERS

Our cement mixers blend and recirculate cement slurry for the pumping unit to provide uniform cement slurry blending. Combining a hydraulic power pack unit with two centrifugal pumps and two batch tanks our mixers enable individual tank mixing and cross mixing. Built to high standards and to withstand harsh environmental conditions, our mixers are easy to maintain and operate.

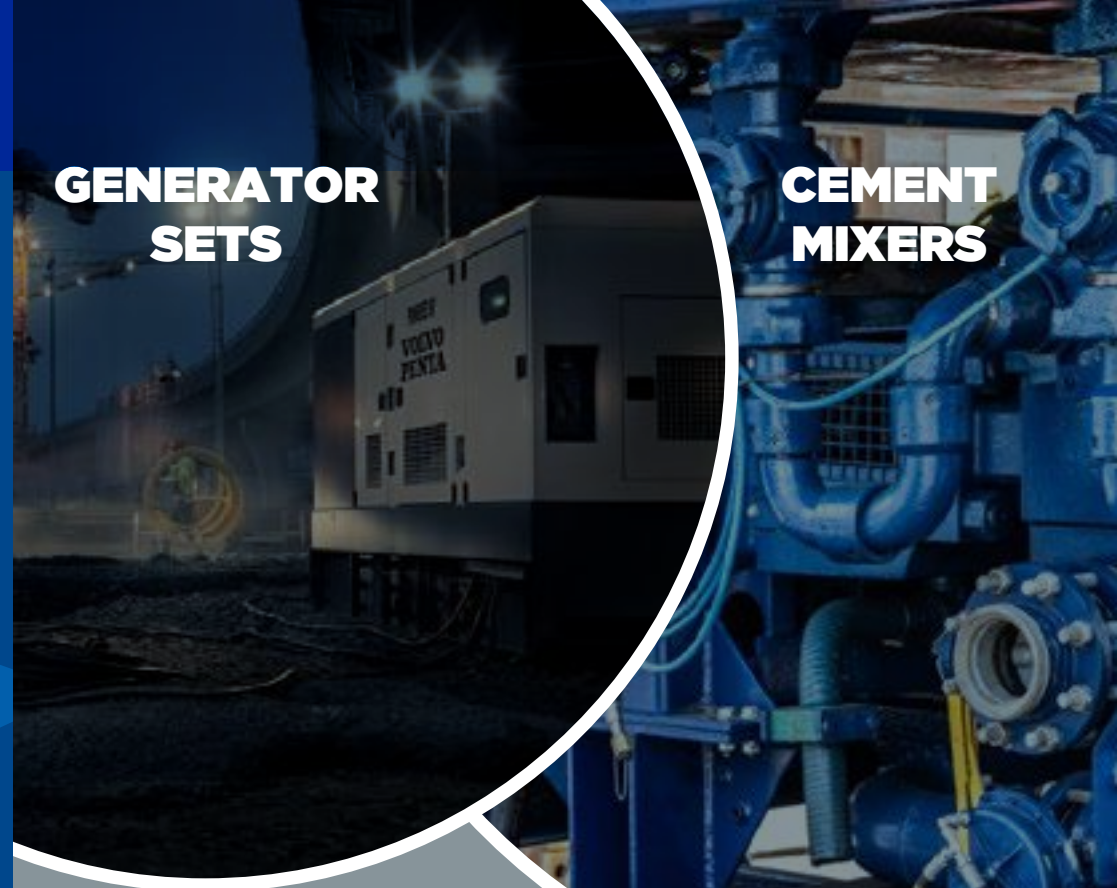


**BRITISH  
MANUFACTURED**

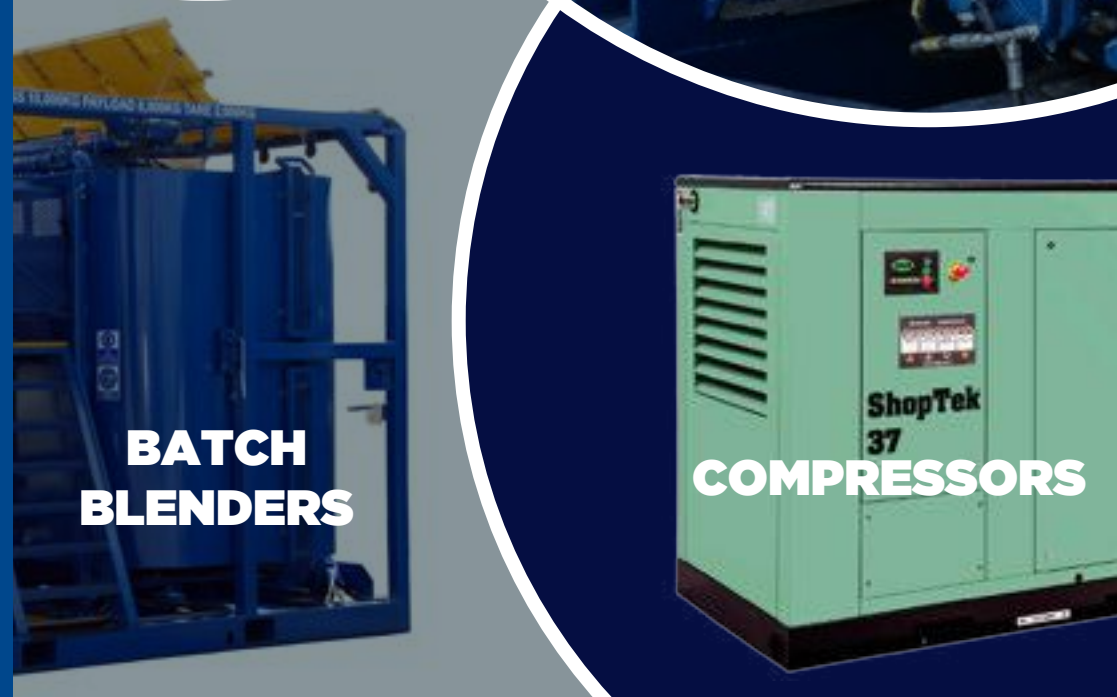


**MAINTENANCE  
FRIENDLY**

## GENERATOR SETS



## CEMENT MIXERS



## BATCH BLENDERS

## COMPRESSORS





**PRIOR  
POWER  
SOLUTIONS**

**POWER SOLUTIONS FOR A CHANGING WORLD**

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