

A detailed black and white photograph showing several large industrial hydraulic cylinders. These cylinders are mounted in a frame and connected by a network of metal hoses and fittings. The lighting highlights the metallic textures and the complex mechanical assembly.

# rotec

## HYDRAULICS

Hydraulic, Pneumatic  
& Electrical Mechanical  
Engineering Specialists

[rotec.net](http://rotec.net)



**Committed to establishing  
and maintaining strong and  
lasting client relationships.**

**Established in 1979, Rotec is a leading specialist provider of hydraulic, pneumatic and electrical mechanical components and systems to a wide variety of organisations operating across both public and private sectors.**

Rotec have a skilled, highly trained team who cross the spectrum of hydraulics, pneumatics and electrical mechanical engineering. Trusted by those in all industry sectors, including defence, aerospace, marine, utilities and manufacturing, we operate from three service centres across the South West, in addition to our sister company Ram Reman in Dorset.

All service centres incorporate a ParkerStore trade counter outlet, providing a local go to source for hose, fittings, hydraulic and filtration products. Our fully equipped workshops have up to 16,000 sq ft of space, providing our dedicated team space to design, build, test and service, bespoke hydraulic and pneumatic systems.

We are 'Q Approved' by the British Fluid Power Distributors Association (BFPDA) for Hose Assemblies, the only Parker Accredited Hydraulic Technology Centre south of Birmingham and a Parker Accumulator Recertification Centre. Being annually audited by Achilles for UVBD accreditation enables us to offer our services and operate within the utilities sector. Our ISO9001 2015 standard demonstrates we take our processes and quality management systems seriously, business wide.

# SERVICES



## DESIGN, BUILD AND INSTALLATION

Our design engineers use the latest 3D CAD technology to transform concepts into detailed bespoke designs that can be built and installed by our experienced team of specialist engineers.



## MAINTENANCE, REPAIR AND OVERHAUL

Avoid downtime with our maintenance , repair and overhaul service, with on-site support options available. Suitable for a wide variety of industries, systems and components.



## ELECTRICAL MECHANICAL SERVICES

We can inspect, install, and test equipment, as well as rapidly source spare components and replacement electric motor units. Our repair and overhaul of rotating equipment service includes motors, gearboxes, fans and associated power transmission components.



## ACCUMULATOR SERVICES

We are the only Parker Hannifin Authorised Recertification Centre in the South West of the UK. We offer tailored maintenance programs for all customers, helping to avoid downtime.



**Combining technical knowhow with  
premium brand components.**



## HYDRAULIC RAMS AND CYLINDERS

Specialising in the design, manufacture, repair or refurbish of hydraulic rams and hydraulic cylinders, our sister company, Ram Reman, boasts extensive workshops, lathes and milling machines. This enable us to work on Hydraulic Rams and Hydraulic Cylinders, no matter what size or weight.



## PARKER HANNIFIN HYDRAULIC TECHNOLOGY CENTRE

As the only accredited Parker Hannifin Hydraulic Technology Centre in the South West of the UK, our clients benefit from access to the Parker Hydraulic Group's full range of world-class products, including electro-hydraulics combined with Rotec's outstanding customer support services.



## TRADE COUNTERS AND ONLINE SHOP

Four trade counters offering a vast range of hose, connectors, industrial hose, components and filtration products. Our fully-trained staff are experienced in offering solutions. Customers can also shop online at [www.rotec-catalogue.co.uk](http://www.rotec-catalogue.co.uk).



## HOSE AND CONNECTORS

Offering hose assemblies and an OEM kitting service designed to meet the needs of each individual customer. Complimenting this product range of hose kitting solutions are thousands of hydraulic accessories.



## SERVICE CENTRE WORKSHOPS

We boast a comprehensive range of hydraulic test equipment including a pump and valve test rig with a state-of-the-art installed power facility. Our plant also includes a mobile diesel driven hydraulic flushing rig and a number of AC & DC rigs for external and internal operations.



## PARKER IOT TECHNOLOGY

Rotec is the only company in the South of England to offer Parker IoT technology. IoT enables engineers to remotely control and monitor various performance and safety parameters using strategically placed, wireless sensors to provide data and control systems over the internet.



## ASSET MANAGEMENT

Track and manage assets with ease with Parker Tracking System (PTS) labels. Features include the ability to retrieve product information, reporting, service scheduling and key metric alerts. parameters using strategically placed, wireless sensors to provide data and control systems over the internet.

# SECTOR CASE STUDIES



## DEFENCE

Rotec supported **Babcock** (DML) with production of hose assemblies for the Jackal HMT series. The Jackal has a unique air suspension system that allows the selection of a variable ride height to match the terrain and also enable internal loading within CH-47 Chinooks. Our technical expertise, infrastructure and ability to utilise Parker technologies enabled the supply of specialist hose kits suitable for hydraulic and auxiliary services. Kits were supplied fully assembled and tested.



## AEROSPACE

Responsible for the design, build and installation of a fully integrated hydraulic pump room facility and electronic control package feeding the landing gear test area for **Airbus**. Incorporating 4 x 132Kw electric motors, close-coupled to Parker PV variable displacement pumps, these in turn are controlled on demand by a Siemens PLC Control System.

**Trained at the National Fluid Power Centre, our engineers have been recognised as among the most accomplished in the industry.**



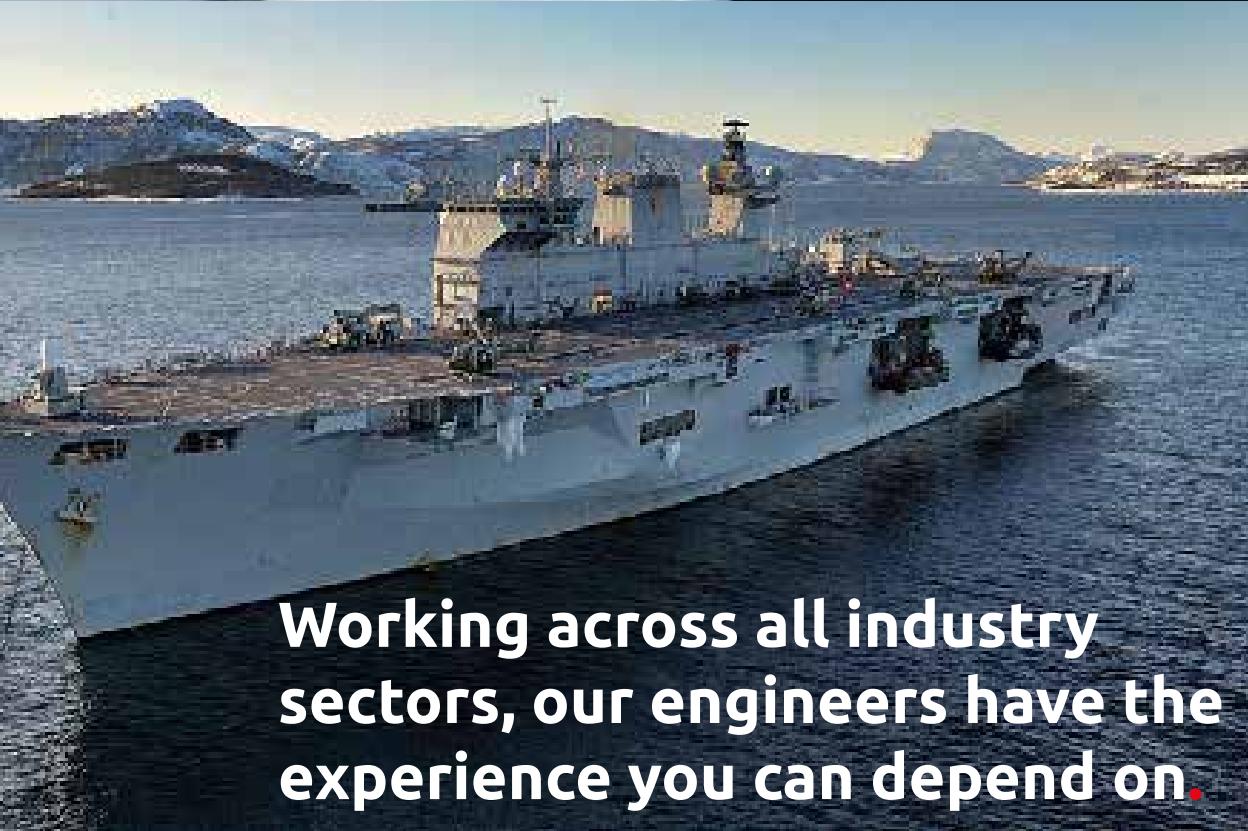
## **AGRICULTURE**

Rotec have designed hydraulic and control systems for a number of Original Equipment Manufacturers in the agricultural industry, as well as a number of bespoke systems. Upon satisfactory commissioning, kits of parts including hoses, adaptors, valves, pumps and motors are assembled, boxed and delivered alongside the production line.



## **RAIL**

Servicing of drop pit hydraulics and updating of electrical control system, with integrated safety features, for **Freightliner**. Hydraulics capable of lifting and lowering train bogies circa 5 tons.



**Working across all industry sectors, our engineers have the experience you can depend on.**



## INDUSTRIAL

For **Veritas DCG Ltd**, we designed and manufactured an electronically controlled hydraulic power unit fitted with five 200kw and two 90kw electric motors, driving Parker Hannifin piston pumps to deliver 2,500 litres per minute at a continuous 250bar.

## MARINE

We helped the **Defence Equipment & Support Agency** to conduct service tasks and fit replacement assemblies on HMS Ocean. As well as providing service and installation facilities to local and national fishing fleets, we operate systems for fuel, fire and hydraulic services for luxury yachts designed and built by Princess Yachts International.

## NUCLEAR

Rotec supplied **EDF Energy** with new barring directional control valves for the Gas Turbine power generator. The Barring directional control valve and its application permits EDF Energy's maintenance departments to continue with vital inspections and examinations.

## UTILITIES

Working with **National Grid**, our team was involved in the lowering and raising of insulators on two 500ft high river crossing towers spanning the river Severn. We designed and built a bespoke Tower Leg Capstan Winch Assembly, consisting of a capstan winch, engine drive unit and a reservoir unit capable of lowering and raising heavy insulators on a system of ropes.



**Providing innovative  
and efficient solutions  
for our customers.**

**Rotec understands that we have a duty to contribute to the global objective of sustainable development. We place importance on supporting the local community, as well as placing great emphasis on the wellbeing of our team. Due to our deeply-rooted safety culture, we uphold high standards across our supply chain to ensure responsible sourcing.**

## **HEALTH AND SAFETY**

We place great importance on keeping up-to-date with all health and safety laws and protocols. Our numerous accreditations, including Achilles Silver Plus, JOSCAR and SafeContractor Approved, recognises our high standard of processes and quality management systems in place, business wide.

## ENVIRONMENTAL SUSTAINABILITY

Committed to achieving net zero by 2040, we continuously identify and work towards initiatives to monitor and drive our sustainability efforts. Engrained into our company strategy and daily business, we have the necessary management frameworks in place and have introduced a robust sustainability reporting system.

## ECO-FRIENDLY SOLUTIONS

Our team are using the latest engineering technology to design environmentally friendly alternatives compared to more traditional engineering solutions. Furthermore, we are increasing our offer of IoT (internet of things) solutions – technology that enables users to monitor systems remotely, improving efficiency, reducing downtime, travel and ultimately the user's environmental impact.

## SUPPORTING THE LOCAL COMMUNITY

Rotec has a long-standing history of investing in and supporting our local community. We are proud long-standing supporters of Wallace and Gromit's Grand Appeal – the official Bristol Children's Hospital charitable foundation and have been principal sponsors of Somerset County Cricket Club for the Royal London Cup for nearly a decade. The cricket club is an important cultural and economic attraction for the county of Somerset, invests heavily in community projects and is based within walking distance from our head office and largest service centre in Taunton, Somerset.

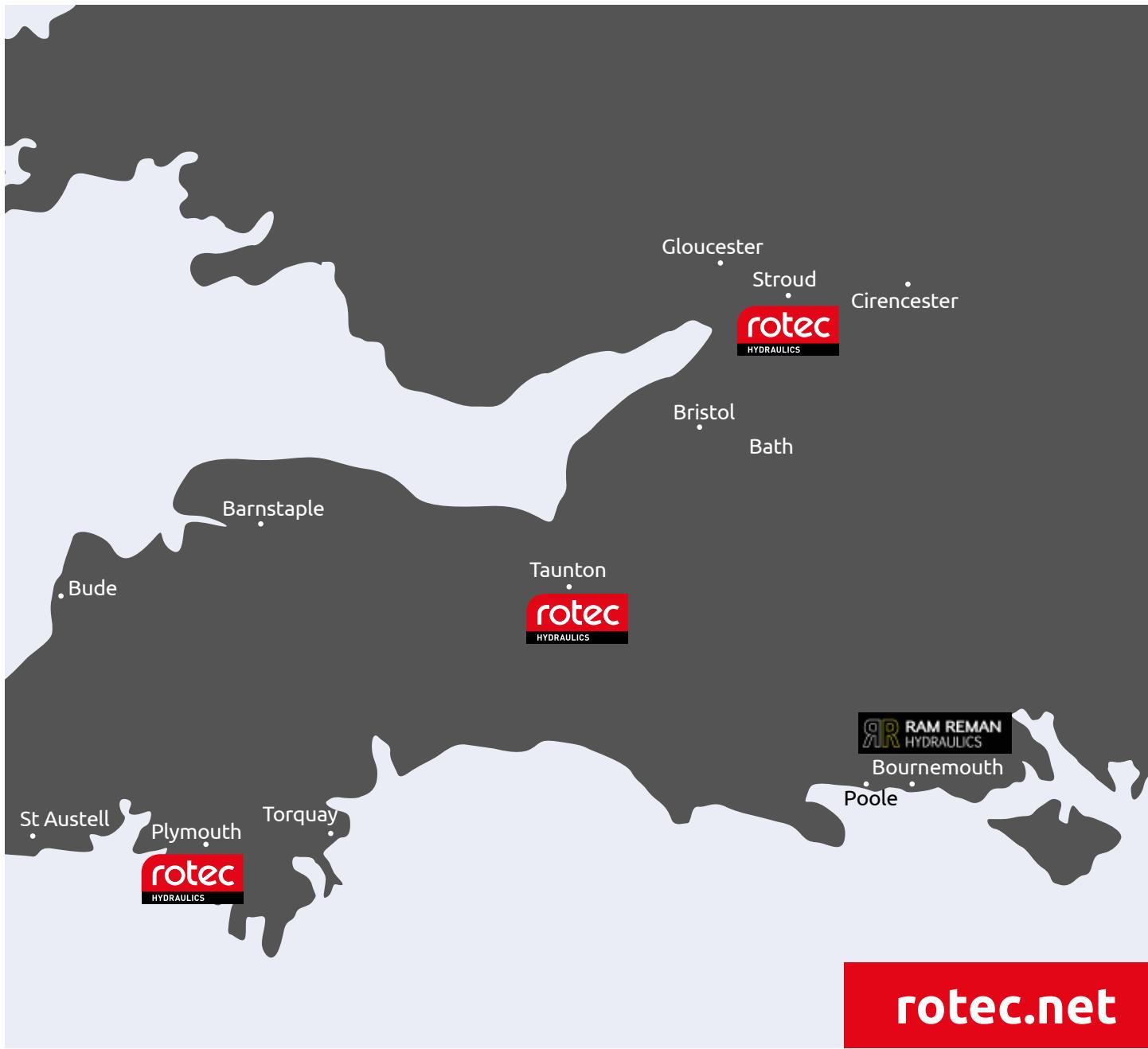
## LEARNING AND DEVELOPMENT

Trained at the National Fluid Power Centre in Nottinghamshire, our engineers are recognised as among the most accomplished in the industry. We operate a programme of continuous development to ensure all of our employees remain at the fore-front of current thinking.

## SUPPORTING DIVERSITY

Rotec is an equal opportunities employer. We are committed to creating and supporting equal opportunities within the work place in accordance with Equality Act 2010. We are proud to support the national women in engineering campaign.

**SUSTAINABLE DEVELOPMENT**



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