

KNOWLEDGE IS OUR STRENGTH

Hercules Hydraulics was established in 2004 based on expertise built through in-depth practical experience accumulated over many years of service to operators of vessels and industrial plant throughout the UK, Europe and Worldwide.

Our experienced team of hydraulic, pneumatic, electrical, electronic and construction engineers are able to provide a total hydraulic service, whilst back at base our design and manufacturing capabilities provide solutions to suit your requirements.



SERVICES

A total hydraulic service incorporating design, manufacture, installation, commissioning, service and maintenance.

Our team are available 24 hours a day, 7 days a week to provide our total service to customers across the UK, Europe and Worldwide. Our services include:

- System design, Supply, Installation & Commissioning
- On site fault diagnostics
- 24 hour Mobile Breakdown & Repair Service
- Insurance work, surveys and consultancy
- On site planned and preventative maintenance
- Mobile flushing rigs and contamination monitoring
- On site oil conditioning and analysis
- On site hose manufacture
- Accumulator testing and recharging
- Machining and fabrication
- Training – on-site or in-house
- Installation and Commissioning
- Maintenance, Service and Repair

Working in partnership with customers of any size, we can advise, design, plan, monitor, cost and administrate a programme that suits them and are happy to assist other suppliers who may wish to sub-contract a proportion of any project.

PROTOTYPE AND TESTING

We pride ourselves in being able to take our customers ideas and turn them into reality.

Given an idea we will investigate whether it is achievable within the constraints of the design criteria and that this can be achieved within a reasonable budget.

As specialists in hydraulic, electronic and pneumatic systems we have the capacity and enthusiasm to undertake the whole project through design, modelling, machining, fabrication, construction, testing and proving.

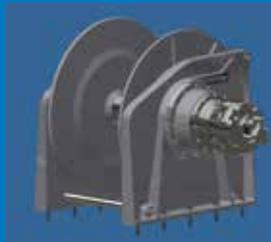
MANUFACTURING

Whilst we have access to all the main component suppliers, our facilities include in-house manufacturing including:

- Welding and Fabrication
- Machining
- Construction

UNIVERSAL WINCHES

A heavy-duty deck winch, with a variety of applications, which can be specified to suit individual customer requirements. Its aluminium construction can offer the dual benefit of being lightweight whilst offering rugged and durable performance. A marinised mild steel version is also available.



MOORING WINCHES

This lightweight winch has been designed primarily for diving support vessels and is suitable for 3 or 4 point mooring. Different drum sizes are available to suit individual applications and every winch is pre-piped and tested prior to despatch. Local manual or remote electrical control options are available.

FISHING WINCHES

Each unit is designed and manufactured to suit individual customer requirements. Whether it is potting, beaming, scalloping, trawling or mid water fishing we can assist in designing, manufacturing, installing and commissioning a winch that makes deploying and retrieving more efficient and hence helps make fishing simpler and safer.

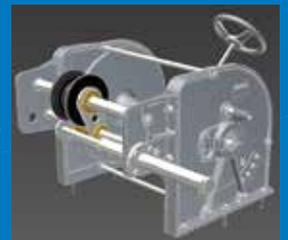


LANDING WINCHES

A heavy-duty landing winch, constructed from aluminium and stainless steel, with a 1 tonne maximum pull. Powered by a hydraulic motor the landing winch is fitted with a load control valve, a hydraulic failsafe brake and auto brake release.

ANCHOR WINCHES

Our lightweight hydraulic winches meet the requirements of DNV Rules for the Certification of High Speed Light Craft and are available for vessels with equipment numbers ranging from 90 to 205.

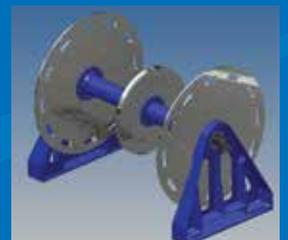


TUGGER WINCHES

Designed for tipping, pulling-in or landing the Hercules 3 Ton Tugger Winch is ideally suited to fishing or other demanding applications.

NET DRUMS

Each Drum or Split Net Drum is designed specifically for the vessel it is to be used on and a range of different rope and net combinations are available. Built from aluminium there are considerable weight savings over some alternatives and every Drum can be supplied with or without a mounting pedestal.



LIGHTWEIGHT BOW THRUSTERS

Hercules Hydraulics Heavy Duty Bow Thrusters are designed for manoeuvring and positing of workboats and continuous duty. Three models are available ranging from 35HP to 95HP and the two smaller options feature a tunnel constructed from Class Approved extruded 5083 grade aluminium, composite E-glass or mild steel.

HYDRAULIC PROPULSION

Our experienced, specialist team can design a hydraulic propulsion system to match your exact requirements, whether they be for an ocean going vessel, inland waterway use or an industrial or commercial application.



DRIVE PODS

Hercules Hydraulics Drive Pods, recognised to be amongst the best, if not the best available, offer a simple and easy to install alternative to other forms of propulsion.

CAPSTANS

Built from aluminium and designed for anchoring, mooring, potting or cargo handling.



POT HAULERS

In partnership with Britannia Engineering we offer a range of Pot Haulers.



HYDRAULIC PRESSURE WASHERS

The compact one-piece design couples a powerful hydraulic drive to a professional grade plunger pump capable of pressures up to 300 Bar and flows to 30 Lpm.



PARTNERSHIPS

We can supply products, parts and components from other leading manufacturers:

- Kawasaki • Bosch Rexroth • Vickers • Walvoil • Roquet • Borelli • Parker Dennison • Rottzler • Sauer Danfoss



DISTRIBUTORS FOR



AMCA - we are the sole UK distributor for the highly respected range of AMCA APV fully proportional load sensing control valves and are able to offer an order to delivery service in 48 hours.



GKN Stromag - a range of plug in type electromagnetic clutch units from a market-leading manufacturer.



Logan Clutch Corporation - as the sole UK marine distributor for the Logan Clutch Corporation, we can offer a comprehensive range of hydraulically or pneumatically activated industrial clutches and brakes for a variety of wet and dry clutch applications.



Sunfab - we have been appointed as the UK Distribution and Application Specialists for the Marine, Military, Mining & Quarrying industries by Sunfab, the world leader in technologically advanced hydraulic pumps and motors for mobile applications.



MP Filtri - a range of contamination monitoring products for portable, in-line or sampling applications.



Stauff - a range of hydraulic pipework, components and accessories from one of the principal players in the UK fluid power industry.

SYSTEM DESIGN

Hydraulic system design is a specialised area and one where the experience of the team at Hercules Hydraulics really shines.

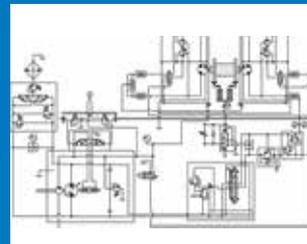
Our design engineers have all the facilities they need to design a system that meets your needs exactly, whatever they may be. They will ensure that we complete the full development cycle through all 10 stages:

- Listen and understand your requirements
- Provide options and discussion points
- Design
- Manufacture
- Installation
- Commissioning
- Acceptance trials
- On-site training
- Servicing
- After sales support world-wide



DESIGN CAPABILITIES

- Hydraulic and Pneumatic systems
- Electrical and Electronic systems
- CAD and 3D modelling



TECHNICAL SALES AND TRADE COUNTER

Our technical team is available to assist with problems and queries and always aim to provide customers with an answer to their problem or query on the same working day.

We offer a next day delivery of spare parts and components for our in-house manufactured products.



OUR EXPERIENCE INCLUDES WORK IN THE FOLLOWING INDUSTRIES

- Offshore Wind Farms
- Offshore
- M.O.D
- Sailing Yachts
- Ports/Harbours
- Commercial Fishing
- British Waterways Leisure
- British Waterways Commercial
- Industry
- Agriculture
- Mobile Plant

TOTAL HYDRAULIC SOLUTIONS AND SERVICES

TRAINING

We have formed training partnerships with the NFPC, National Fluid Power Centre, and the BFPDA, British Fluid Power Trade Association, to provide customers with a greater opportunity to learn through the provision of a range of short training courses covering hydraulics and electrics / electronics.

Courses may be arranged to take place at our own Training Centre in South Devon, at the NFPC Training Centre in Nottingham or at customer's premises.



QUALITY

Hercules Hydraulics are continually looking for ways to offer an even higher level of quality and service. This has led to our accreditation and affiliation to a number of respected industry bodies as well as being pro-active on the BFPDA training council.

THE ENVIRONMENT

We take a proactive approach to reduce and limit waste energy, waste, leaks and spillages, the use of known harmful substances and single use or non-recyclable products where possible.

We attempt to maximise and promote reuse, power and system efficiency, filtration and oil life expectancy through monitoring and conditioning, waste management systems and our own operating efficiency.

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www.herculeshydraulics.co.uk

01803 666623

Hercules Hydraulics Ltd

Unit 33, Woodview Road,

Torbay Business Park

Paignton, Devon TQ4 7HP

Fax: 01803 664403

Email: info@herculeshydraulics.co.uk

