



Confidence Under Pressure

Commercial

jfdglobal.com



Introduction

Our vision is to be the unrivalled, first choice partner to commercial, international underwater operators and global defence forces in our chosen field and we will continue to support our clients' core operations by offering market leading technology solutions and world class support.

JFD is one of the world's leading subsea operations and manufacturing companies, delivering world-class subsea engineering projects, products and services to commercial and naval customers worldwide. The company is the world's leading provider of submarine rescue capability and an established provider of submarine escape training. The company is at the forefront of Hyperbaric Rescue and is the leading supplier of commercial diving equipment and saturation diving systems to the commercial industry.

JFD's products and services have been delivered to a large number of countries and across all continents and continue to set the industry standard for quality and reliability.

Our commercial diving expertise and engineering facilities permit an ever more diverse range of specialist solutions to meet specific client requirements.

JFD was created in 2014 through the merger of Divex and James Fisher Defence. In 2015 JFD acquired the National Hyperbaric Centre and in 2016, LEXMAR, to further boost the services and products offered to its customers.

JFD is a part of James Fisher & Sons plc.





Commitment

We operate on a global basis and have a simple goal which applies wherever we operate – to avoid any harm to either people or the environment.

Health & Safety

Health and safety is an important factor in all our activities. We carry out all our work in a manner that shows consideration for our own employees, our clients, contractors and other parties. Our goal for health and safety is for no accidents, incidents or harm to come to people.

The management and control of risk, prevention of harm and compliance with legal and governmental requirements are essential to the success of our business.

Our Health and Safety System complies with the requirements of OHSAS 18001.

Environment

We strive to minimise any impact we may have on the environment. We have in place an environmental policy to help reduce and eliminate potential harm to the environment from our work or employees. Our Environmental Management System complies with the requirements of ISO 14001.

Continual Innovation

Through continual innovation, we are fully committed to optimising the quality and safety of our products – and indeed the safety of our employees and clients. A HSEQ (Health, Safety, Environment and Quality) Management System operates throughout our business – and this has benefited the safety and efficiency of all who dedicate their lives to the underwater world. Our investment in an extensive test and development programme underpins and strengthens our reputation for innovation, the commitment of our people, and the quality of our support services.

Quality Assurance

Our Quality Management System is certified to ISO 9001.

Many of our products also meet the requirements of various independent directives, including Personal Protective Equipment [PPE], Medical Directive [MD] and Pressure Equipment Directive [PED]. Certain JFD designs are also approved against particular codes or standards such as BS 5500 and ASME.





Products

JFD manufactures and supplies a wide range of diving and subsea products for the commercial and hyperbaric sectors.

Commercial Divers' Equipment

JFD's commercial diving expertise and engineering facilities enable the production of a diverse range of commercial diving products which support safer and more economic global diving operations even in the most hostile of environments.

- > Ancillary Dive Gear
- > Commercial Equipment & Tools
- > Commercial Helmets, Masks & SCUBA
- > Commercial Rebreathers
- > Commercial Surface Supply
- > Diver Harnesses
- > Dirty Harry
- > Divers' Suits & Undersuits

Compasses, Gauges & Watches

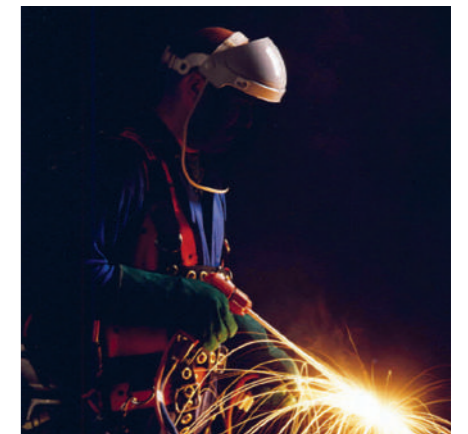
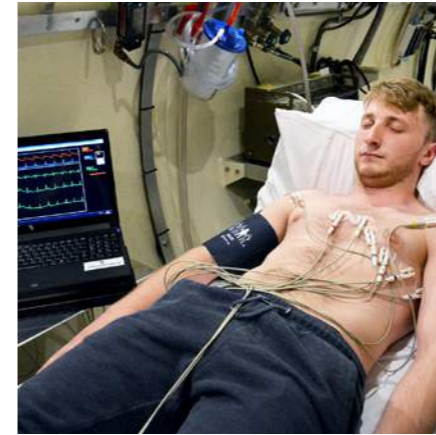
We provide a range of Diver worn instrumentation to provide the diver with depth, navigational and gas content information.

- > Compasses
- > Contents Gauges
- > Divers' Wrist Watches

Diving Instrumentation

Incorporating well-known names such as Airedale Instruments, and Foundrometers Gauges, with our own Divex manufactured range, JFD offers a wide range of quality depth, pressure and hyperbaric gauges for diving and medical use.

- > Charging Assemblies
- > Charging Hoses
- > Gauges





Products

We are the largest manufacturer and most diverse supplier of professional diving equipment worldwide. We work closely with our clients ensuring that all aspects of any design and build are integrated successfully.

Electrical Diving Equipment

Our high quality electrical diving equipment caters for professional divers, including police search and rescue teams, saturation divers and inshore commercial divers. The range supports safer and more economic diving operations.

- > Diver Communications
- > Diver Lighting
- > Diver Video Systems
- > Gas Analysers

Gas & Fluid Systems

JFD are world leaders in gas recovery operations and environmental conditioning equipment for the saturation diving market. Our comprehensive range, incorporating both Divex brand products with well-known names such as Analox, Kinergetics and Gasmizer, provide gas monitoring and gas reprocessing solutions ensuring a safe and comfortable environment for the diver.

- > Analysers
- > Breathing Air Compressors
- > Environmental Control
- > Gas Reclaim
- > Surface Panels
- > Diver Heating

Medical & Safety Equipment

JFD supply a full range of medical equipment suitable for a range of diving operations. Our experienced team are able to provide detailed advice on the most suitable equipment.

- > Bell Survival Kit
- > BIBS Manifold Block
- > Confined Space Rescue Stretcher
- > Divex Back Pressure Regulator
- > Divex Interlock
- > DMAC 015 Kits
- > DMAS HyperSAT
- > Hy-Fex Hyperbaric Fire Extinguisher
- > Hyperlite Hyperbaric Stretcher
- > Oxygen Kits





Saturation Diving Systems

JFD is a world leader in the design, manufacture, installation and maintenance of complete saturation diving systems. The company's track record shows more than 100 systems built spanning the last 35 years. We have recently been awarded a contract to build a 500M rated system which will become one of the deepest systems in the world.

JFD systems are flexible and can be configured to suit a range of vessel designs, layouts and requirements. The systems can be identified in two distinct categories - integrated and modular.

JFD's offering now includes LEXMAR, further expanding the range of systems available to customers around the world.

Integrated Saturation Diving Systems

JFD offer a flexible range of designs of 12, 18 and 24-man Divex saturation systems for integration into new diving support vessels.

Modular Saturation Diving Systems

JFD's modular saturation diving systems are designed to be rapidly deployable and flexible to allow rapid configuration on a variety of vessels.





Saturation Diving Systems

Control Rooms

Using the latest technologies, control rooms can be fully automated or use a conventional direct control approach.

Gas Management

JFD's industry leading Divex gas reclaim systems deliver the highest standards of safety during diving operations, while ensuring optimum helium gas reclaim to reduce operating costs.

Hyperbaric Rescue Chambers & Self Propelled Hyperbaric Lifeboats

HRCs and SPHLs can be built to customer specification and fully comply with SOLAS and DNV requirements and conform to IMCA standards. JFD has a proven track record and has manufactured SPHLs for industry leading operators.

Launch & Recovery Systems

JFD can provide Launch & Recovery Systems in a number of configurations, balancing cost, simplicity of maintenance and operation and mobilisation time.

Life Support

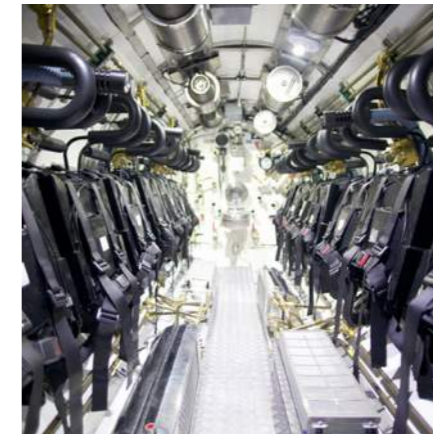
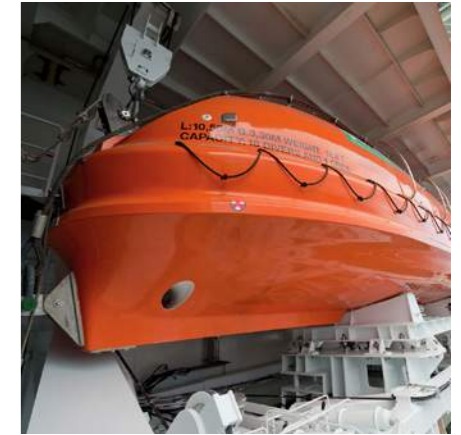
Environmental control equipment provides full temperature and humidity management of the saturation diving chambers to ensure the comfort and safety of divers.

Living & Decompression Chambers

Designed to optimise space and provide a safe and comfortable environment for the divers.

Submersible Diving Chambers

JFD submersible diving chambers (SDC) are designed to deploy 3 divers and are able to withstand both internal and external pressures up to 300 MSW at design temperatures between -18°C deg to +66°C.





Saturation Diving Systems

JFD Systems

JFD Systems are renowned for their innovative technological and operational advancements which improve diver comfort, functionality and practicality. JFD has worked on various projects which have significantly advanced diving capability, allowing operators to work in sea states which would previously have seen the suspension of diving.

LEXMAR Systems

LEXMAR combines operational knowledge and experience with design engineering from various disciplines in order to build high quality, robust and cost effective systems which fulfil our client's practical requirements.

ARCTIC Systems

LEXMAR is the first company in the world that met the ARCTIC challenge building a 9-man system designed to operate in temperatures between -22°C to +55°C.





Saturation Diving Systems

Hyperbaric Reception Facility

JFD operates and maintains two Hyperbaric Reception Facilities, one portable and one fixed, supporting a range of global diving operations.

JFD's National Hyperbaric Centre has extensive experience within this specialist field having maintained the only land based saturation diving system in the UK for receiving hyperbaric lifeboats for nearly 30 years.

JFD has plans to extend the National Hyperbaric Centre allowing it to facilitate and support the arrival of new generation 24 man SPHLs, ensuring it remains one of the leading Hyperbaric Rescue Facilities in the world.



Services

JFD provides a range of subsea and diving related services for maritime, commercial and offshore customers.

JFD's expert subsea engineering, manufacturing and technical teams enable the company to support its clients' operational, research, development and training requirements.

Through Service+, JFD brings together these skills to deliver a range of responsive and cost effective services to support and enhance existing equipment and systems. This allows companies to invest in the integrity of their assets, optimising capability and capacity for future business opportunities.

Consultancy & Personnel

We provide training and consultancy services for a variety of applications on a daily basis around the world.

- > Client Representatives
- > Dive & ROV System Audits
- > Diving Technical Expertise
- > Offshore Personnel

Engineering Services

JFD operates engineering and manufacturing facilities in the UK, South Africa, Singapore and Australia offering support to small and large scale projects. JFD works alongside customers to provide efficient and effective maintenance support solutions.

- > In-Service Support
- > Service+
- > Through-life Support





Services

Testing Services

JFD is one of the largest and most diverse pressure testing providers in the world able to offer pressure testing capability up to 100bar within our large 3m x 8m Work Chamber and up to 800bar within our smaller chambers. We offer a comprehensive range of services for research, development and demonstration purposes ideal for equipment testing and manned trials.

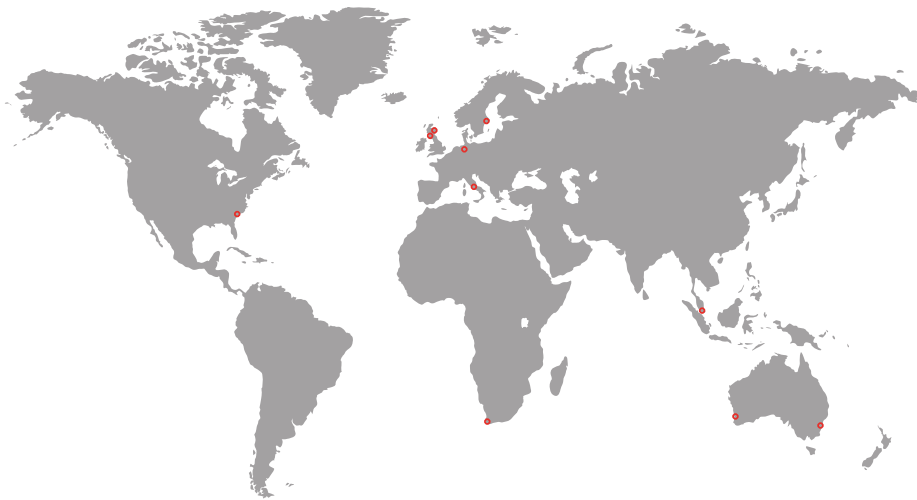
- > Altitude Testing & Trials
- > Hyperbaric Welding
- > Pressure Testing & Trials
- > Test Tank

Training Services

We provide a comprehensive range of world-class training courses within the commercial, defence and medical sectors which aim to improve the standard of subsea safety worldwide.

- > Commercial Development Courses
- > Divex Product-Specific Courses
- > Medical Courses





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Rome | Singapore | Sydney | Vaxholm | Virginia

