



Saturation Diving Systems

Integrated | Modular



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Saturation Diving Systems

Divex has a long pedigree in the design and manufacture of saturation diving systems and the company's track record shows more than 100 systems built spanning the last 35 years.

Recent projects have seen Divex making several key technological advances in the design and build of saturation systems which have significantly increased system efficiency for the operators and safety and comfort for the divers.

Key technology advances have included:

- Greatly enhanced living areas for the divers, including private sleeping berths, comfortable day areas with entertainment and improved ablution facilities.
- Enhanced Bell Launch & Recovery Systems employing triple electric winch technology, allowing safe deployment and recovery in heavy seas.
- Automated control rooms utilising touch-screen technology.
- Vastly improved communications and video systems.
- Divex designs are flexible and can be configured to suit a range of vessel designs and layouts, however the systems can be identified in two distinct categories - **Integrated and Modular**.



Watch Divex's Sat System Animations



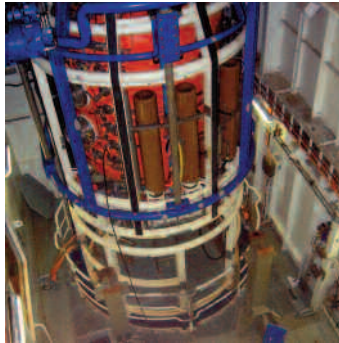
Saturation Diving Systems

Integrated

Divex offer a flexible range of designs of 12, 18 and 24-man saturation systems for integration into new diving support vessels. Recent Divex integrated systems have been design-approved and classified by Lloyds Register and DNV and can be offered with full compliance to NORSOK for operations in the Norwegian sector.

Divex Integrated Saturation Diving Systems represent state-of-the-art technology. Recent innovations and the adaptation of existing technologies for diving applications have resulted in significant operational advantages and allow operators to continue working in sea states which would previously have seen the suspension of diving.

The systems provide a much more comfortable, quieter and safer environment for the divers than previous generations of systems and this contributes greatly to diver efficiency.



Saturation Diving Systems

Modular

Divex Modular Saturation Diving Systems are designed to be rapidly deployable and flexible to allow rapid configuration on a variety of vessels. Typically 12-man systems with two or three decompression chambers and a single bell, each system “module” is built into either a robust protection frame or a purpose-built offshore-rated container.

The modules are designed so that they can be quickly assembled and achieve accurate alignment, in order to minimise expensive mobilisation time in port.

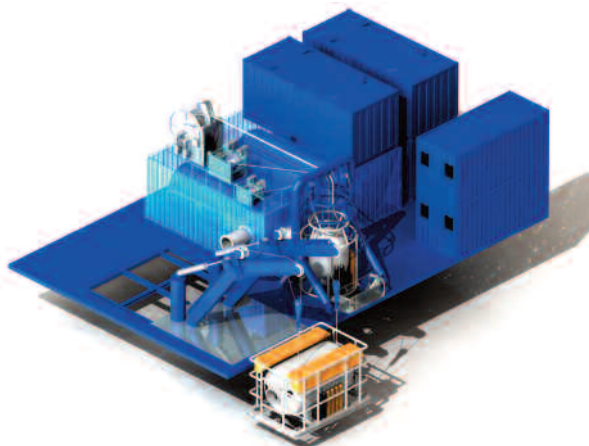
The decompression chambers are spacious and comfortable and the three man diving bell is ergonomically laid out.

The dive and saturation control rooms are air-conditioned and lined, with marine doors and windows fitted. All the life support machinery, gas recovery system and main electrical switchboards are housed in a robust purpose-built container.

The systems are built under classification survey according to client requirements.







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