



50m

75m



**PETRODIVE
DIVING SATURATION 1 (PDS1)**

200m





GO FURTHER, GO DEEPER

PETRODIVE is an independent diving company providing the Maritime and the International Oil and Gas Industry with a complete underwater contracting service.

We've adopted three dive systems based on the depth we're working on.

- AIR SYSTEM UP TO 50 METERS
- MIXED GAS SYSTEM UP TO 75 METERS
- SATURATION UP TO 200 METERS

In 2022, we acquired a new saturation system. We provide different services like:

- Underwater Inspection Works
- Underwater Construction Works
- Diving works

In this diving system, the divers live on the diving support vessel, inside the habitat, which is pressurized at the working depth, a depth where they descend by twins for up to 8 hours a day in a closed bell (tourelle).

Thus, three pairs cover 24 hours, allowing the progress of work 24 hours a day, for maximum optimization of diving times, almost identical to the effective working time at the bottom.

The decompression is then done at the end





PETRODIVE Saturation diving system (PDS1) is capable of handling six divers in saturation.

It is a small footprint, rapid deployment, portable 6-man saturation system that is fully compliant with IMCA D024 and IMCA D052. All our containers are DNV 2.7-1 certified.

The system is rated and equipped for saturation diving to a depth of 200 MSW.



NEW GENERATION SAT SYSTEM



CURRENT CONFIGURATION PETRODIVE (2022)

Manufactured by	Chambers Oceanics
Year of Rebuilding	2022
Standards of Design & Manufacture	All IMCA guidelines and Standard Industry Practices
Bell Volume	3.3 m ³
Total System Volume	28.61 m ³
Maximum Depth	200 MSW
Bell Launch and Recovery System	Hydraulic Articulated 'A' Frame with Bell Trolley
Hyperbaric Evacuation	6 Man HRC with Dedicated Davit complete with thermal balance
Max. Sat Divers	6
Lifting Certification	All Containers are DNV 2.7-1

COMPACT



- Small footprint 13x16cm
- Deck layout reduced on minimum

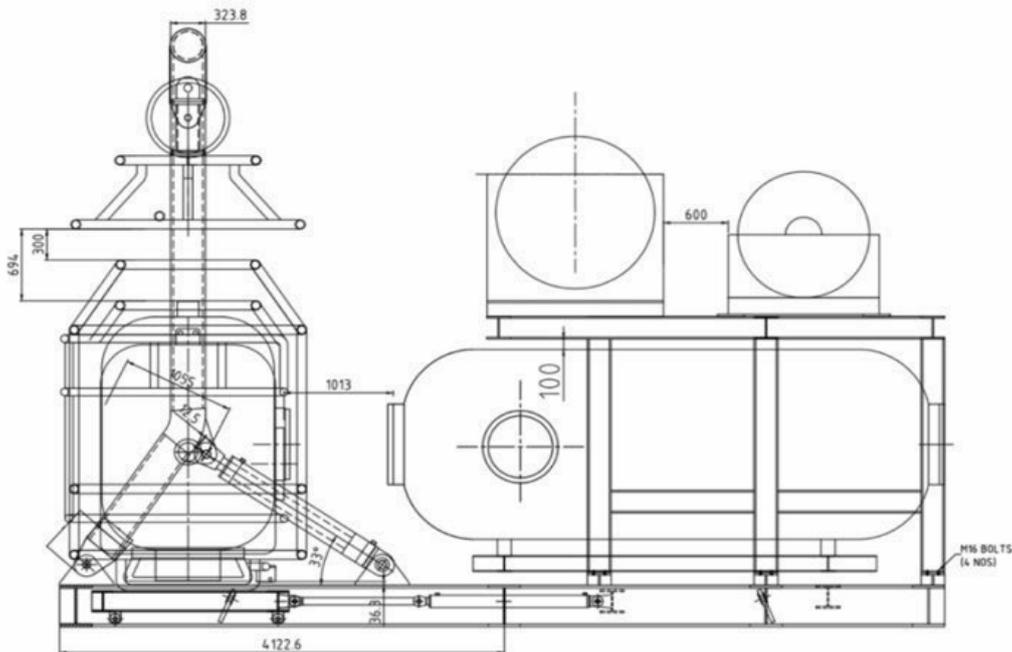


Figure 1: Side Elevation of the Main Skid



SAFETY IS OUR PRIORITY



Ensuring the safety of our divers is a priority

Petrodive set up a module for the ultimate case of a vessel evacuation. In case of any emergency, our divers will stay in a pressurized capsule called HRC (Hyperbaric Rescue Chamber) which will be launched by another vessel: the safety vessel. The capsule will be brought back to shore to be depressurized with a high level of safety.

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