



## SATURATION DIVING SYSTEM

ASK FOR INFORMATION

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## SATURATION DIVING SYSTEM

### UTILITY

ULIS (light deep diving unit) is a compact and self-contained system used for deep diving up to **-200 meters depth**.

Commercial divers can stay within the unit up to **31 consecutive days** thanks to living chambers fully equipped, and the decompression only takes part at the end of the works. The ULIS system can be **mobilized by road transportation, shipment or aerial**



### SPECIFICATIONS

#### Main Unit (GC DORIS)

Skid mounted :

- Wet pot Ø 1600 mm – rated : 200 m.s.w.
- Launching / handling hydraulic frame and hydraulic winch.
- Diving closed bell – 2 divers – Ø 1740 mm.
- 2 hydraulic winches, cables and clump weights.
- Umbilical – 250 m long – hydraulic powered sheave.

#### Living chambers Ø 1800 (COMEX)

Chamber fitted with medical lock, man lock and all equipment for 4 saturated divers with communications, video, sanitary, fire extinguishers and bedding.



#### HRC living chamber Ø 1800 (COMEX)

HRC : Hyperbaric Rescue Chamber.  
Chamber mounted in a frame with buoyancy ballasts, emergency gas banks, gas panels, batteries.

#### Diving and saturation control room

Diving control room :

- Complete gas panel (divers, bell), communication.

Saturation control room :

- Gas panels for the living chambers.
- Analysis atmosphere rack
- Video, communication, and recording, rack



#### Environmental control units (main and back-up)

- Complete set with soda lime canister, Slicagel pot, hot / cold water unit, gas circulator (one spare gas circulator)
- Hot / cold water machine for the chambers



## SATURATION DIVING SYSTEM

### Hot water system for the bell and divers

- 4 x 25 kW heating system with main booster pump and emergency network.

### Workshop / spare parts storage

- Full set of tools.
- Installation of a workshop for tools and spare parts storage.
- Gas booster
- 1 x 30 m<sup>3</sup>/h air compressor

### Open top storage

- 2 hydraulic power packs.
- 250 m twin hydraulic hoses.



### Therapeutic unit for emergency

- Recompression chamber Ø 1400 with man lock and medical lock.
- Gas control panel.
- Therapeutic mixed gas cylinders (O<sub>2</sub>, 50/50, O<sub>2</sub>/He...).

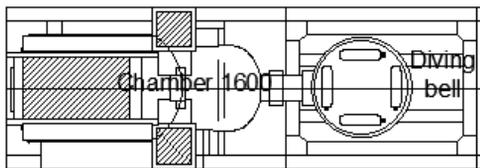




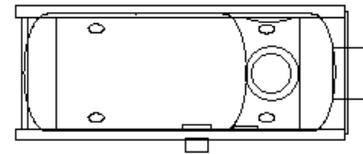
## SATURATION DIVING SYSTEM

### DRAWINGS

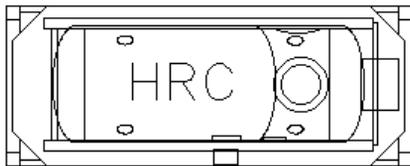
#### Main unit



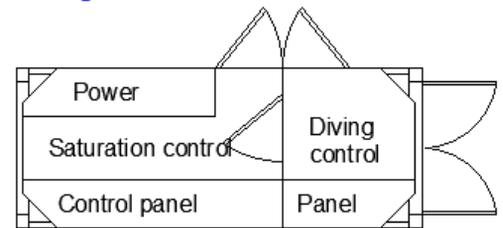
#### 1st living chamber Ø 1800



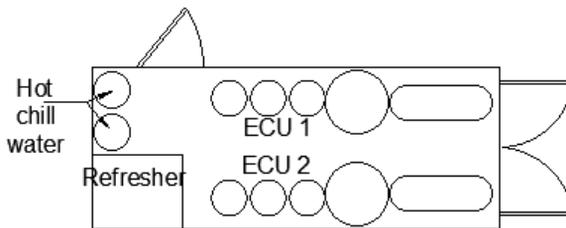
#### 2nd living chamber Ø 1800 (HRC)



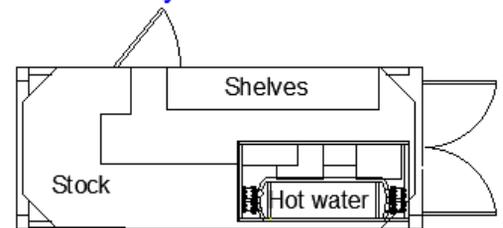
#### Diving and saturation control room



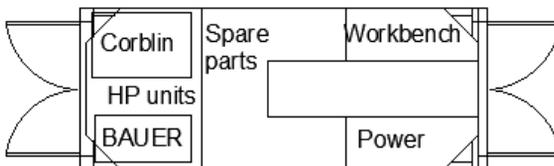
#### ECU



#### Hot water system



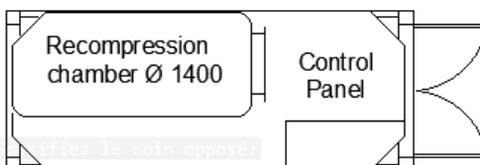
#### Workshop



#### Open top storage



#### Therapeutic unit



|                                     |           |                   |
|-------------------------------------|-----------|-------------------|
| Module de base ULIS                 | 24 tons   | 2,5 x 2,5 x 7,2 m |
| Caisson vie Ø 1800                  | 11,5 tons | 2,5 x 2,5 x 6 m   |
| Caisson vie Ø 1800 - HRC            | 11,5 tons | 2,5 x 2,5 x 6 m   |
| Poste contrôle plongée / saturation | 4,5 tons  | 2,5 x 2,5 x 6 m   |
| Régénération                        | 9,3 tons  | 2,5 x 2,5 x 6 m   |
| Chaudière                           | 7 tons    | 2,5 x 2,5 x 6 m   |
| Atelier                             | 5,5 tons  | 2,5 x 2,5 x 6 m   |
| Open top (vide)                     | 2,5 tons  | 2,5 x 2,5 x 6 m   |
| Caisson de recompression d'urgence  | 5 tons    | 2,5 x 2,5 x 6 m   |