



# Workshop and Nitrox blender system

The Subtech workshop and Nitrox blender system is fully integrated into 1 x 6 meter ISO containers, allowing rapid and efficient mobilization and deployment of the system.

## Specifications

Container in compliance with DNV 2.7-1 for offshore containers

Design of the systems is verified through a compliance matrix to ensure compliance to IMCA guidelines

The system meets or exceeds the minimum requirements as given in the IMCA D023 DESIGN guidelines for surface orientated systems

## Machinery

HP compressor L&W 450E, 450 lpm including integration cabling and piping

LP compressor F390-455, Quincy c/w air receiver and breathing air filtration system, 63 CFM, electrical including integration cabling and piping

NUVAIR Voyager IV commercial NITROX generation unit installed and integrated into the container

Room Oxygen analyser with automatic compressor stop

Nitrox sampling system including Oxygen, CO and CO2 analysers and piping

Hydraulic tool power pack with 100m interconnecting hoses and GR 29 grinder including integration cabling and piping

## Gas storage

6 x 50 litre cylinder gas bank (200 bar) – Breathing air 1

6 x 50 litre cylinder gas bank (200 bar) – Nitrox 1

12 x 50 litre cylinder gas quad (200 bar) – Breathing air

## Electrical systems

Inlet - main supply 125A, 3P+E 440V, 125A, IP-67 (mated)

Inlet - emergency supply 63A, 3P+E 440V, 63A, IP-67 (mated)

Fire alarm smoke sensors 3P+E 400V, 16A, IP67

Deck comms 3P+E 400V, 16A, IP67

Outlet – LR 50 launch and recovery units 32A, 3P+E 440V, 32A, IP67 (mated)

Outlet – chamber and dive control supply 63A, 2P+E 440V, 63A, IP67 (mated)

