



OFFSHORE NITROX/AIR DIVING SYSTEM No. 1

TECHNICAL SPECIFICATIONS:

Certificates:

PED-DNV certificate

DMA Diving System Safety Certificate

Diving container TCIU 852742-9:

- 20' DNV –approved container with two double doors at each end.
- Container is insulated with 45 mm glass wool, 40 mm plywood floor covering and 15mm PLYFA fire resistant hard plywood wall panels.
- Container is fitted with water sprinkler system, handheld CO2 fire extinguisher, fire blanket and Dräger fire mask w/7 m air hose for operator.



Power supply/lighting:

1 x main power panel

1 x 400V outlet

4 x Siemens outlet 230V/10A

3 x main light 2 x 36W

3 x automatic emergency light

1 x 30 min UPS backup



Air production:

1 x HP air compressor

1 x Air cooler

1 x Nitrox membrane 400 l/min, up to 40% Nitrox



Air bank:

Main air supply 5 x 50 l tanks

Reserve air supply 2 x 50 l tanks

Nitrox supply 7 x 50 l tank



Umbilicals:

2 units each 150 m consisting of:

- 3/8" Breather hose
- 5/16" Pneumo hose
- 1/2" Hot water hose
- Coms / light cable
- Video cable



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Hot Water:

2 x Water heaters
2 x Hot water pumps
2 x Mixer tanks

Diver equipment:

Main diver:

“Arvest” w/5 l bail-out tank incl. reduction valve and HP gauge
KM 37 helmet with light and camera
Hot water suit
Knife
Gloves
Fins
Neck-dams

Stand by diver:

“Arvest” w/5 l bail-out tank incl. reduction valve and HP gauge
KM 47 band mask with light and camera
Hot water suit
Knife
Gloves
Fins

Diver monitoring equipment:

- Duplex radio for each diver
- Video monitor for each diver
- Hard disc/DVD recorder for each diver
- Adjustable power supply for diver light
- Clock with stop watch function for each diver

External connections/communication:

2 x 63A power supply
2 x 2" Storz fire hose connection
1 x Hard wire communications
1 x VHF radio
3 x Handheld VHF radio
1 x Fire detection and alarm system

