



OFFSHORE AIR DIVING SYSTEM No. 2

TECHNICAL SPECIFICATIONS:

Certificates:

PED-DNV certificate
DMA Diving System Safety Certificate

Diving container DCSU 108019:

- 10' DNV –approved container with one double door and one side door.
- Container is insulated with 45 mm glass wool, 40 mm plywood floor covering and 15mm Promat SUPALUX calcium silicate fire protective wall panels.
- Container is fitted with water sprinkler system, handheld CO2 fire extinguisher, fire blanket and Interspiro smoke diver mask w/7 m air hose for operator.



Power supply/lighting:

1 x main power panel
10 x Siemens outlet 230V/10A
1 x main light 1 x 36W
1 x automatic emergency light
1 x 30 min UPS backup



Air bank:

Main air supply	3 x 50 l tanks
Reserve air supply	2 x 50 l tanks
LP reserve air supply	1 x 50 l tank



Umbilicals:

2 units each 125 m consisting of:

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



Hot Water:

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



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Diver equipment:

Main diver:
“Arvest” w/10 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/10 l bail-out tank incl. reduction valve and
HP gauge
KM 18 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
- USB 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
1 x 2" Storz fire hose connection
1 x Hard wire communications
1 x VHF radio
2 x Handheld VHF radio
1 x Fire detection and alarm system



Air production:

1 x Bauer HP air compressor