

ADS20 AIR DIVING SPREAD



ROV Resources in-house Diving Services allows us to provide a complete range of Subsea Services to our clients.

Our Air Diving Spread includes a 20' containerised Diving System with twin lock decompression chamber and a 3-diver mixed gas/air panel.

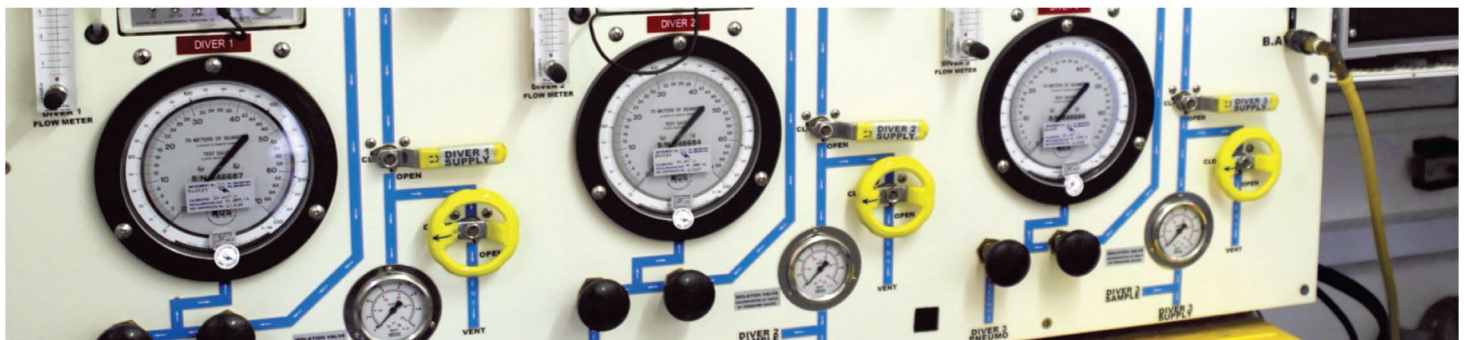
A separate 10' Container houses the breathing compressors, back-up air supplies and storage.

An additional skid accommodates the Hydraulic driven 1.25Ton rated A-frame, Primary and Secondary man-riding air driven winch and diver

recovery system (2-man basket with emergency 50L air cylinders).

The system can be mobilised onto any suitable dive platform and allows us to carry out the full range of air diving operations up to 50 meters water depth.

Our ADS20 is designed, built, certified, maintained and operated in accordance with International Maritime Contractors Association (IMCA) Guidelines and Codes of Practice for Offshore Diving Operations.



SPECIFICATIONS

STANDARD FEATURES

Year Built: 2010

Builder: MOS Marine Pte Ltd

Design Standard: ABS

Certification Standard: IMCA D023

DIVE CONTROL AND DDC VAN

Dimension: 20L x 8W x 8.5H (feet)

- Weight:
- 3-diver mixed gas/air panel
 - 60 inch twin lock decompression chamber
 - 2 unit helmet-mounted CCTV system
 - 3 unit 200 metres umbilical

LOW PRESSURE AIR COMPRESSOR

Model: 5120 Quincy air compressor

Volume Flow Rate: 88 CFM @ 200 psi

Volume Tank: 120 gallon

HIGH PRESSURE AIR COMPRESSOR

Model: Mariner 250

Charging Rate: 250L/min

LAUNCH AND RECOVERY SYSTEM

- Hydraulic driven 1.25 ton rated A-frame
- Primary and Secondary man-riding air driven winch
- 2-man basket with emergency 50L air cylinders

UMBILICAL

- 2 x 200m umbilical with CCTV system
- 1 x 200m stand-by umbilical

OPTIONAL EQUIPMENT

- ACFM
- Cathodic Protection Gauge
- Ultrasonic Thickness
- MPI
- FMD
- HPWJ

Additional options are possible including hydraulic and pneumatic tools.

UMBILICAL WINCH (CONTAINERISED MODE)

Dimension: 1.63L x 1.28W x 1.32H (m)

Weight: 700kg

POWER REQUIREMENTS

Control Van: 100-270Vac, 50hz

LARS: 3-phase, 380-415Vac, 50hz

LP Comp.: 3-phase, 440Vac, 50/60hz

HP Comp.: 3-phase, 440Vac, 50/60hz



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