

EQUIPMENT SHEET

AIR DIVING SYSTEM SYSTEM 035 AND 036



KEY FEATURES

Modular Air Dive System 035 and 036 are Air Diving spread that come in two 20 ft containers (each) with one Launch and Recovery System (LARS), 2 x 130 m diver umbilicals, Air and O2 quads. The Deck Decompression Chamber (DDC) and Dive Control are located in one 20 ft container. The workshop, compressors, hydraulic power pack and spares are located in the second 20ft container. The system comes with a Hydraulic Power Pack with 120 m hose for subsea tools.

The containerised air diving systems 035 and 036 are specifically designed compact with a minimal footprint option giving a variety of layouts for systems to meet client requirements either on vessels, barges or platforms.

IMCA DO23 compliant.

Designed for fast mobilisation/demobilisation, plug and play units.

Separate 20 ft Dive control and Chamber control container.

Separate 20 ft Workshop/ Compressor and spares container (Optional 10 ft container).

Deployment stage LR50 (secondary, ladders).

DIVE CONTROL

Dive control for 3 divers

CCTV system for diver hat camera, ROV and deck

High intensity diver hat light c/w dimmer

HD Video distribution (client, roV, deck, bridge, survey) (optional)

Round Robin communication system Deck- Bridge hard wired (optional)

Welding/Burning control

DP alarm indicators (optional)

Durable environment (temperature) control

Diving medical supplies and control kits (DMAC)

PRESSURE CHAMBER

Chamber 60 inch, twin compartment

Design code PD5500: 2000 CAT.2

Build as per class Lloyd's Register

WORKSHOP MACHINERY

Power distribution panel 380 - 440 VAC input

L&W - 450e High Pressure compressor

Quincy 63CFM Low Pressure compressor

Hydraulic power pack and tooling

DIMENSION/POWER REQUIREMENTS

Power Requirement 380 - 440 VAC @ 50/60Hz

Dive Control Container L - 6.06 m, W - 2.44 m, H - 2.59 m

Machinery Container L - 6.06 m, W - 2.44 m, H - 2.59 m

Deployment Stage (LARs) L - 3.60 m, W - 2.40 m, H - 3.62 m