

EQUIPMENT SHEET

AIR AND MIXED GAS DIVE SYSTEM
SPREAD 38



INTRODUCTION

Boskalis is an international operating diving services provider for the offshore and civil industry. The company is specialized in providing subsea Inspection, Repair and Maintenance (IRM) services and performing Construction and Decommissioning works.

Diving operations conducted by Boskalis are governed by International rules and regulations and are compliant with the IMCA guidelines. Diving procedures are documented in the Boskalis (Safety) Management system.

All Boskalis diving systems are configured of modern equipment which complies with international standards and IMCA guidelines.



Air dive spread 38 is a modular, containerized Mixed Gas/Air Diving spread which has been designed for swift mobilization and demobilization onto/ from Boskalis or client- supplied vessels, platforms or Rigs.

The spread comes complete with controls room, decompression chamber(s), launch and recovery systems and diving equipment containers.

With the system permanently positioned in the US/Gulf of Mexico region, Boskalis is able to respond quickly and efficient to client requirements.





DETAILED COMPONENTS

3 Diver Panel (2x In-water; 1 x surface stand-by diver) up to 75 msw

2 x 60 inch/1500 mm 246 fsw Decompression Chamber, twin compartment

Net MC Marine video management system, 8x8 distribution and overlay

Monitors for diver hat camera and deck

Diver camera and light control

HD Video distribution

2 x KM37B

2 x KM18B

Diver communication unit

Clear Comm hard wire comms system

3 x 164 foot excursion umbilicals and 3 x 656 foot surface umbilicals

Main Umbilical for the wet bell 360 foot

DP Alarm Indicators

AC in dive control and DDC containers

2 x HP Compressor 230 bar/15 CFM

1 x LP Compressor 12 bar/60 CFM

Hydraulic Power Pack for subsea tooling 30/40 LPM

Remote DC 600 AMPs breaker for welding or burning operations

MAIN COMPONENTS

Dive control/DDC 6.06 x 2.44 x 2.59 m 12,300 kg container

2nd DDC container 6.06 x 2.44 x 2.59 m 12,000 kg

Machinery/workshop 6.06 x 2.44 x 2.59 m 12,300 kg container

Launch and Recovery System incl. wet bell in stowed position (upright 4.30m) 3.79 x 2.17 x 2.20 m 11,000 kg

Launch and Recovery System incl. standby cage in stowed position (upright 3.62 m) 3.46 x 2.15 x 2.08 m 5,000 kg

INTERFACE SERVICES REQUIRED

Electrical full load requirements 380-440 VAC, @50/60 Hz (150 kVA)

- A** DDC and Dive Control
- B** LARS LR 80 with wet bell
- C** Spread in transport position
- D** Mixed Gas Dive Panel

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