



Air/Mix Gas Diving System STK - AD - DDC - 02

PRINCIPAL PARTICULARS

OWNER : SEATEK INDIA
 CERTIFICATION STANDARD : IMCA

CONTAINER ONE

20 FT ISO STANDARD CONTAINER STK-AD-DDC- 02
 Fully lined and insulated to house decompression chamber
 3 man mix gas Dive panel, video and communications systems
 Internal bulkhead and personnel door, storage for diving equipment
 Lighting and power supply with 4 hr backup supply individually for Chamber operation and Diving Operation.
 Supervisor's desk and archive with reverse-cycle air conditioning

TWIN LOCK DECK COMPRESSION CHAMBER
 60" diameter twin lock decompression chamber, DNV certified.
 Stainless steel penetrators, 700 mm Manways, 3 viewports
 2 x Bunks in main lock, 1 x seat in entry lock
Equipment:
 External control • panel w/ 6" depth gauges, all necessary valving and controls
 • Analox D2 101 Oxygen analyser
 • Interlock on medical door
 • Internal caisson gauge in both compartment
 • External LP20 low profile lights in each compartment
 • BIBS system with overboard dump and 3 x Divex BIBS masks
 • Hyperbatic Fire extinguisher in main lock
 • Aga mask with comms for chamber operator in emergency

UNDERWATER CCTV SYSTEM, 2 X RACK MOUNTED SOLID STATE HD DVD RECORDERS
 3 x LCD Monitors, 2 x light controllers
 2 x DVD HD recorders, hard drive 'black box' recording system
 Spare Hat Cameras and light.
 1 Helmet mounted cameras and lights
 1 x LCD Monitor for LARS with colour camera

3 DIVER HP/LP AIR / MIXED GAS DIVE PANEL
 Inlets – LP air, HP Air 1 and HP Air 2, Mix 1 and Mix 2,
 Treatment mix 1 and Treatment mix 2
 ¼% accurate 8.5" pneumo depth gauges
 gas analysis on all diver supply lines
 Compliant to IMCA Standards
 Aga mask with comms for supervisor in emergency

DIVING EQUIPMENT
 3 x Divers Fibroflex umbilicals, 200 m , with air, pneumo comms and video
 1 x KM 77 REX diving helmet.
 2 x KMB28 Bandmask
 4 x Bailout sets with backpacks

CONTAINER TWO

20 FT ISO STANDARD STK-ACNTR-S-02 AIR/GAS CONTAINER/STORE
 Non-slip flooring, ventilation grilles
 Industrial lighting and power

GOENKA HP COMPRESSOR
 440 V / 3 ph, 10CFM free air delivered
 300 bar maximum supply pressure
 Breathing air filtration package
 Auto stop/start and auto drains, 2 x filling hoses

INGERSOLL RAND L.P. COMPRESSOR
 16 bar delivery
 Breathing air filtration package
 440 V / 3 ph, 35 cfm
 500 L receiver with relief valve and gauge

Air Banks for Backup
 18 x 50 Litre Bottles @ 200 Bar for diving side back up
 10 x 50 litre Bottles @ 150 Bar for chamber back up
 Work Bench and storage area for compressor spares.

SCUBA REPLACEMENT SET
 2 x Diver SRP Panel c/w communication, depth gauges
 3 x Divers Fibrolite umbilicals, 50m, with air, pneumo comms and video

AIR SPREAD LARS SYSTEM – 2 Nos
 Hydraulic SWL 1000 kg 2-man Diver Launch and Recovery System
 A-Frame (collapsible type) complete with cylinders
 Winches for diving cage and auxiliary diving cage w/ wire ropes for both
 Clump weight and SMS 300kg clump weight winch
 Hydraulic hoses and controls capable to lift main dive basket to surface in an emergency.
 2 x 47 L cylinders
HYDRAULIC POWER PACK FOR LARS SYSTEM - ELECTRIC DRIVE
 1 x 20 HP motors @ 190 bar, 440 V / 3 ph for Main Winch
 1 x 20 HP motors @ 190 bar, 440 V / 3 ph for Clump weight
 Both systems interchangeable to serve as backup for each other.
 2 x Aga masks along with 11 Ltrs 200Bar back pack bottles and harness



Project Equipment (Optional)

DRY GRIT SYSTEM

1 x Dry Grit Hopper, Capacity 500kg grit
750mm dia x 1450mm height, 225kg
With dead man handle and remote control system
1 x Hose 32mm, WP 15kg, lengths of 122.0m

NDT EQUIPMENT

2 nos x CYGUS 1 UT Meter
2 nos x BUCKLEY's CP Meter
1 nos x HCL MPI Unit Electromagnetic Yoke

UNDERWATER BROCCO CUTTING AND WELDING SET.

U/water Brocco cutting gun x 2 no.
U/water Brocco welding stinger x 2no.
200m cable x 1.
Piranha knife Switch within Dive Supervisor's reach enclosed in a weather proof casing.
U/Water Brocco rods x 2 box.
U/water welding rods x 2 box.

HYDRAULIC POWER PACK FOR HYDRAULIC TOOLS - ELECTRIC DRIVE

1 x Electric Motor - 20 HP X 1440 RPM;415V;3-PH;50Hz.
1 x Oil Tank - 150 LITRES
1 x Pump - 34.2 LPM; Working Pressure – 3000PSI
With pressure regulator, strainer, breather, level gauge, relief valve, isolator, gly filled pressure gauge, etc

HYDRAULIC TOOLS

1 x Stanley Model IW16 Underwater Impact Wrench
1 x Stanley GR 29 Underwater Grinder

PNEUMATIC TOOLS

1 x Mirinda Model Underwater Grinder / Wirebrush
1 x Underwater Needle Gun

HAND TOOLS

6 x Hand Wire Brushes
6 x Handscraper Small
2 x Handscraper Large

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