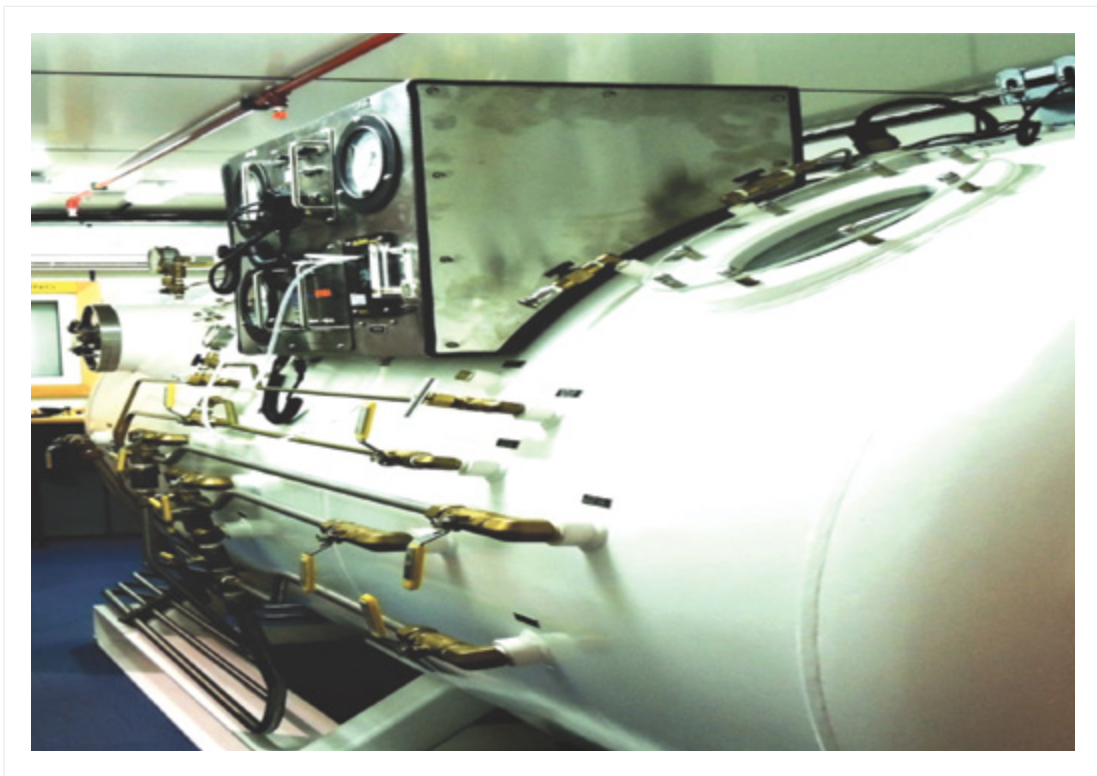




AIR DIVING SYSTEM

This is a type of diving system in which the diver's breathing medium is normal atmospheric mixture of oxygen and nitrogen; limited to depths of 190 feet (58 meters). Air Diving Systems are complete with Dive Control Systems, Decompression Chambers, and equipment storage and machinery areas. Air Diving Systems are in full compliance with IMCA regulations D018, D023 and D040.



MAIN COMPONENTS

- ▲ Diving Launch & Recovery System (LARS)
- ▲ 20' DDC (Deck Decompression Chamber) Container
- ▲ Air Dive Panel
- ▲ 20' Container (HP Compressor and Air Banks)
- ▲ Zodiac (Semi Rigid Boat).
- ▲ Hydraulic Power Pack
- ▲ S.R.P (Scuba Replacement Panel)
- ▲ Diesel O.B.M
- ▲ Single Scuba
- ▲ Oxygen Analyser
- ▲ 300/600ft Floating Umbilical
- ▲ Air Radio
- ▲ KMB
- ▲ DC Powered Portable Video system for Zodiac.

SPECIFICATIONS

DDC SPECIFICATIONS

Length :	3620mm
Width :	1770mm
Height :	1927mm
Internal Dia :	1500mm
Depth Rating :	100 meters seawater
Volume Main Lock :	4100L
Volume Entry Lock :	1800L
Approx. Weight :	2900 kg

SYSTEM POWER REQUIREMENTS

Power Supply:	415/400 V, 3 Phase, 50/60Hz,110 KW
Power supply for the container:	220 V,single phase, 50/60 Hz,32 A

EMERGENCY POWER REQUIREMENTS

Power Supply:	415/400 V, 3 Phase, 50/60 Hz,60 KW
Power supply for the container:	220 V,single phase, 50/60 Hz,32 A

MACHINERY CONTAINER

Length :	6058mm
Width :	2440mm
Height :	2465mm

Equipped with 3 x HP Breathing Air Compressors,
L&W Model 570E Compact 56 x 50L, 200 bar storage cylinders

LAUNCH & RECOVERY SYSTEM(LARS)

Length :	3500mm
Width :	2140mm
Height :	4500mm
Weight:	4000 kg

Rugged 1.3 ton rated A-frame for lifting the basket and guide-weight

Hydraulic rams with stainless steel shafts for luffing the A-frame

DIVING BASKET

Dimensions: 1200 L X 120 W X 2385 H

Storage space for 10 m3 on-board emergency gas in a single 50 litres 200 bar cylinder.

Pay load – 400 kg,Total Gross Mass -1000 kg

MAIN WINCH

Maximum lift capability:	1.0 Ton
Maximum lifting speed:	up to 18m/minute
Wire length:	80m
Drive system:	Direct hydraulic
Braking:	<ul style="list-style-type: none">• Shaft mounted non rotating multi disc internal motor brake.• Hydraulic over-centre valve• Automatic hydraulic band brake

GUIDE WEIGHT WINCH

Maximum lift capability:	0.65 Ton (650 kg)
Maximum lifting speed:	up to 36m/minute
Wire rope diameter:	10mm
Wire length:	160m
Drive system:	Direct Hydraulic