



**MARINE**

## Surface Diving System

KD Marine's surface diving systems embody over 35 years of experience in providing diving services on offshore exploration and production installations. The systems maintain a high standard of safety and reliability yet has a minimal foot print and interface impact on the installation. All offshore installation based diving employs EAD (equivalent air depth) decompression methods and uses a nitrox breathing medium therefore no decompression penalties are incurred and operations remain within PFEEER (Prevention of Fire, Explosion and Emergency Response regulations).



### Main Particulars

Containerised Zone II surface diving system  
Road transportable

### Approvals/Standards

HSE Offshore ACOP  
IMCA Diving D018, D023

### Performance/Capacities

Depth 50 MSW  
Up to 2 divers simultaneously  
24 hour operations  
Sea state less than 2m significant  
Combined diving and rope access operations

### Diver Deployment

2 x Diver baskets with launch and recovery systems including guide wires  
1 x Containerised 4000 ltr LP plant air receiver (emergency recovery)

### Decompression Chamber

1 x Containerised 54" twinlock decompression chamber  
Installed emergency breathing system for DDC supervisor



### Dive Control

1 x A60 Zone II certified dive control cabin  
Air conditioned dive control  
1 x IS VHF mobile  
1 x UHF base station  
4 x IS UHF mobiles  
1 x Nautronix 352X diver communication system  
Installation telephone and PA link  
1 x Crowcon multi gas alarm  
BA set for diving supervisor  
2 x Oxygen analysers  
1 x Co2 analyser  
2 x DVR recorders  
3 x TV monitors  
1 x video type writer  
1 x Laptop computer and laser printer

### Lifesaving/Safety Equipment

Light weight evacuation stretcher  
Oxygen resuscitation set  
Portable fire fighting appliances and pumps  
DMAC first aid kits  
2 x Life jackets  
2 x Work harnesses and lanyards  
2 x Escape BA for dive skid

### Personal Divers Equipment

2 x Helmet mounted CCTV systems  
1 x Deck CCTV camera  
1 x Dive status panel  
3 x Diver umbilicals  
3 x Diver helmets and bailout  
1 x Standby diver band mask and bailout

### Deck/Facilities

1 x 10 x 8 Containerised work shop stores  
Stand by divers chair  
Umbilical hydraulic sheaves

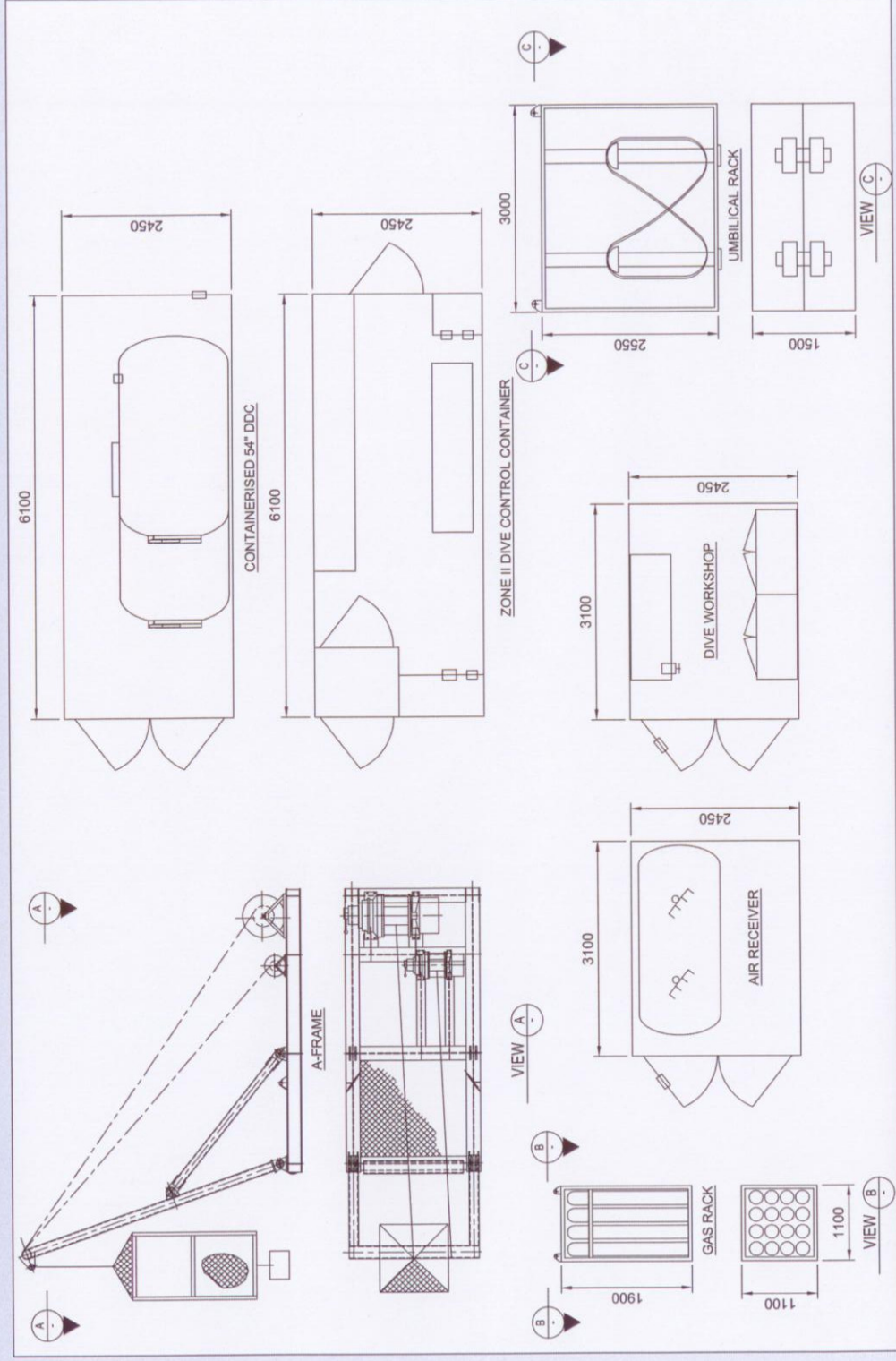
### Support Equipment

Hook up cable and hoses  
Tools and spares

**Safe • Reliable • Competent • Cost Effective**



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**Dimensions**

Description	Length (m)	Width (m)	Height (m)	Weight (kg)
Decompression Chamber	6.1	2.45	2.50	9,000
Dive Control (A60 Zone 2)	6.1	2.45	2.50	8,900
Workshop	3.1	2.45	2.50	6,000
Air Receiver	3.1	2.45	2.50	4,600
Gas Rack	1.1	1.0	1.90	2,300
A Frame	4.1	2	1.90	3,500
Umbilical Rack	3.0	1.5	2.55	2,000