

### SSDS5

#### Built

Year Built : 2010  
 Testing/Certification Standard : IMCA D018/D023

#### Air Dive Control

Number of Diver Control : 3 men  
 Diver Mounted Camera System : 2 ea  
 Communication : 1 set x AMCOMIII  
 Recording System : 3 x DVR  
 Emergency Back-up Battery System : 1 set

#### Twinlock Air Chamber

Certification Standard : Japan Boiler Association,  
 Class-2 Pressure Vessel  
 Internal Diameter : 1350 mm  
 Total Volume : 4.527 m<sup>3</sup>  
 O<sub>2</sub> BIBS : 3 x Each Lock  
 Communication : 1 set x AMCOM II,  
 1 set x Sound Powered Phone

#### Machinery Van

LP Compressor : 2 x 1.8 m<sup>3</sup>/min Airman Screw Compressor  
 HP Compressor : Bauer Compressor  
 Volume Tank Certification Standard : Japan Boiler Association  
 Volume Tank Capacity : 0.12 m<sup>3</sup>  
 Air Filter System : 3 stage Nihon Seiki filters

#### Launch and Recovery System

#### (LARS)

Design Standard : Class NK  
 Main Winch Capacity : SWL 1 ton  
 Secondary Winch Capacity : SWL 1 ton  
 A-Frame Capacity : SWL 1.3 ton  
 Diving Basket Capacity : SWL 1 ton  
 Diving Basket Capacity Men : 2 men  
 Onboard Emergency Air Cylinder : 1 ea

#### Other Equipment

Diver's Umbilical : 2 x 150 meters, 1 x 180meters  
 Diver's Helmet/Mask : 2 x SL27, 1 x KMB18B

#### Service Requirement

Electric Power-2 x LARS : 440 V-3 Phase, 50/60 Hz-350A  
 Electric Power-Dive Control : 220 V, 50/60 Hz-32A  
 Emergency Generator : 440 V, 50/60 Hz-125kVA  
 Fresh Water : 38 LPM  
 Seawater for Cooling-LARS : 100 LPM

#### SSDS5 Dimensions

Description	L(m)	W(m)	H(m)	Wt(ton)
Containerized Dive Control c/w Twinlock Air Chamber	6.10	2.50	2.60	8.00
Machinery Van	3.10	3.00	2.60	4.00
Launching & Recovery System	4.47	2.25	3.75	6.00
Work Shop/Store Shack	6.10	2.50	2.60	8.00

