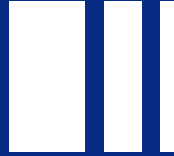


Our Fleet



SEAMEC PALADIN

[A diving support vessel



SEAMEC LIMITED



PRINCIPAL PARTICULARS AND DIMENSIONS

Principal Particulars

Vessel Name	:	MV "SEAMEC PALADIN"
Previous Name	:	"SUBTEC PALADIN"
Owners	:	Seamec Limited
Operators	:	Seamec Limited
IMO Number	:	9388091
Call Sign	:	3E3949
Flag State	:	Panama
Port of Registry	:	Panama
Builders	:	Kleven Verft, Norway AS.
Year of Build	:	2008

Principal Dimensions

Length (OA)	:	103.70m
Beam	:	19.70m
Depth	:	15.80 m
Gross Tonnage	:	5648 MT
Net Tonnage	:	1695MT
Lightship	:	-
Deadweight	:	4500MT
Main Engines	:	Diesel Electric Installation 690V, 3 phase 60Hz Comprising: 4 x Caterpillar 3516TA-C, MCR 2,188kW, 2,100 EKW of electrical power each 1 x Caterpillar 3508TA-B MCR 968kW, 910 EkW
Generators/Alternators	:	4 x JFJ3 631-4 SD22, 2335KVA 1 x JFJ3 454-4 SD22, 1137KVA
Cranes	:	Main Offshore Crane, Offshore knuckle boom type with active heave compensation on main winch. NOV crane : Stbd side main deck aft Main Winch (Double Fall) : SWL 140 T @ 9 mtrs Main Winch (Single Fall) : SWL 70 T @ 16.7 mtrs Auxillary winch : SWL 10 T @ 26 mtrs Stbd side, Boat deck ,Hydramarine crane 1 x 10 T SWL @ 12 mtrs Port side , Boat deck ,Hydramarine crane 1 x 5 t SWL @ 15
Tank Capacities		
Ballast	:	mtrs 2321. 58 m3
Diesel Fuel Oil	:	1241.57 m3
Lubricating Oil	:	41.32 m3
Fresh Water	:	1323.84 m3



Performance

Service speed abt. 10-11 knots

Cargo deck

Clear deck area 53.10m x 19.2m = 900m² (apx)

Deck load stern - fr# 73 10 T / M2

Deck load fr# 73 - fr# I 5 T / M2

Deck load with crane ops 1000 T

Deck load without crane ops 2000 T

Thrusters

Main propulsion 2 x Aquamaster Azipull
2,200 kW (2,950 BHP)

BowThruster Azimuth 1 x R-R 883 kW (1,200 BHP)

BowThruster Tunnel 2 x R-R 1050 kW(1,400 BHP)

Pump capacities

Fuel oil 2 x 150 m³/hr @ 9 bar

Potable water 2 x 150 m³/hr @ 9 bar

Potable water generators 2 x 25 m³/hr @ 5 bar

Stabilisation

Two passive roll reduction stabilisation tanks

Automatic Anti Heeling System with 1,200m³/hr pump

DP2 system

IMO Class 2 DP System - Kongsberg K-Pos DP-21

2 x DGPS

1 x HiPAP

1 x Hull penetration prepared for 2nd HiPAP

2 x Taut Wire

1 x Fanbeam



Accommodation

Wheelhouse, accommodation and office spaces fully air conditioned, all serviced with LAN and Sat TV sockets.

Single berth cabins	24 with en-suite
Double berth cabins	30 with en-suite
4 berth cabins	4 with en-suite

Deck machinery / cranes

Main Offshore Crane, Offshore knuckleboom type with active heave compensation on main winch.

Main winch (Double fall)	140t @ 9m
Main winch (Single fall)	70t @ 16.7 mtrs
Operating depth mainhoist (Subject to Wire Length)	2000 metres
Auxy winch	10t @ 26m
Auxy winch (manriding)	1t @ 26m
Note: Aux winch is not designed for subsea use	
Stbd deck offshore crane	10t @ 12m (man riding)
Port deck stores crane	5t @ 15m

Dive system

Classification	DNV
Capacity	18 person system
Depth rating	300m
Sea state design criteria	4m significant wave height
Bell chambers	1 x 3 divers 2 x 6 person & 2 x 3 person
Hyperbaric lifeboat	1 x 18 man SPHL
Mixed gas storage	13,000 m3
Moonpool	4.0m x 4.2m
Dive emergency alternator	550 EkW, 440V, 60Hz
Chamber gas reclaim system	
Diver gas reclaim system	



Complement	100 persons
Mess room	48 persons
Hospital	1 person
1 x recreation room	
Gymnasium	

Charterer's areas

Project Office, Dive Office, Conference Room, Clients Office, Workshop, Survey area.

Helideck

D value of 19.5m and max gross weight of 12.6 mt
Heli-reception room and full emergency equipment

