

# Seven Kestrel

Diving

subsea 7



The *Seven Kestrel* is a diving vessel optimised for operations in the North Sea.

- Length 125.4m x breadth 24.0m
- 18-man twin bell saturation diving system rated to 300m
- Heave compensated 120t crane
- Accommodation for 110 persons
- Deck Area 1,038m<sup>2</sup>
- DP Class III with three engine rooms
- Deck load of 1,000t at 4.5m above main deck
- Special Purpose Ship code compliant

## General Information

Type	Diving
Classification	+1A1 Diving Support Vessel, COMF-V(3)C(3), HELDK-SH, Dk(+), E0, DYNPOS AUTRO, DSV-SAT, SF, ESV-DP[HIL], CLEAN, BIS, SPS™
Flag	Isle of Man

## Dimensions

Length Overall (m)	125.4m
Breadth (m)	24.0m
Depth Main Deck (m)	10.5m
Operating Draught (m)	6.5m
Gross Tonnage	13,044t
Transit Speed (knots)	12 knots

## Dynamic Positioning Systems

DP Classification	DP Class III DP HIL Certification
Reference System	2 x taut wires, 3 x Veripos DGNSS, 2 x HiPAP 500, 1x CY Scan

## Power and Propulsion

Engine Rooms	3
Main Engines	6
Type	HiMSEN 9H25/33
Power (kW)	2,700kW
Generators	6
Type	H537 719-08P
Power	3,206kVA
Propulsion	3
Type	Azimuthing Thruster
Power	2,100kW
Thrusters	2
Type	Tunnel Thruster
Power	2,200kW
Thrusters	2
Type	Retractable Azimuthing Thruster
Power	1,600kW

## Main Deck

Clear Deck Area	1,038m <sup>2</sup>
Deck Strength	10t/m <sup>2</sup>

## Tank Capacities (100%)

Fuel Oil (m <sup>3</sup> )	1,540m <sup>3</sup>
Fresh Water (m <sup>3</sup> )	1,042m <sup>3</sup>
Ballast Water (m <sup>3</sup> )	3,340m <sup>3</sup>

## Deck Cranes

Main Crane Capacity (t)	120t at 12m
Manufacturer	Cargotec
Operating Water Depth (m)	500m
AHC	Yes
Location	Main deck, port side
Auxiliary Hoist	30t at 31m auxiliary hoist, certified for man-riding
Auxiliary Cranes (t)	2 x 10t at 15m, 20m maximum radius, man-riding
Operating Water Depth	350m
Location	D-Deck, port and starboard, aft end of superstructure

## ROV System

ROVs (No. and type)	1 x observation class
Operating Depth (m)	500m
ROV Comments	Installed in ROV hangar, stbd side at aft end of superstructure, deployed through moonpool. ROV control room, workshops and stores fully integrated into the vessel.

## Moonpool

Number	3
Type	2 x Diving Bell, 4.2m x 4.2m 1 x OBSROV, 3.5m x 4.0m

## Dive System

Men (No.)	18
Bells (No.)	2
Depth Rating (m)	300m
Dive System Comments	State of the art triple-winch diving bell LARS, 2 x 18 man hyperbaric lifeboats

## Accommodation

Berths (No.)	110 including 18 men in SAT
Cabins (No.)	30 x single cabins 40 x double cabins

## Helideck

Suitable for Sikorsky S-92, c/w Helicopter Monitoring System.

