

Seven Havila

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Type:
Diving

Classification:
1A1 ICE-C SF COMF-V(3)
HELDK-SH DSV-SURFACE
and SAT E0 DYNPOS-
AUTRO NAUT-AW CLEAN
DESIGN DK(+)

The *Seven Havila* is one of the most advanced diving vessels in the world, featuring a 24-man twin bell saturation diving system rated to 400m and a heave compensated 250t crane.

- Length 120m x breadth 23.45m
- 24-man twin bell saturation diving system
- Heave compensated 250t crane
- Accommodation for 120 persons
- Ice Class hull, high transit speed
- Deck area 1,050m²

Seven Havila

General Description

Type	Diving
Classification	DNV +1A1, EO, SF, DYNPOS AUTRO, CLEAN DESIGN, COMF-V(3), NAUT-AW, HELDK- SH, ICE C, DSV-SAT
Flag	Isle of Man
Year Built	2010

Principal Dimensions

Length Overall (m)	120m
Breadth (m)	23.45m
Depth Main Deck (m)	10.04m
Operating Draft (m)	6.25m
Gross Tonnage (t)	11,071t
Transit Speed (knots)	16 knots

DP System

DP Classification	Kongsberg K-POS DP 21 with back-up K-POS DP11 NMD DP Class 3 (ERN 99.99.99) DP HIL certification
Reference System	2 x taut wires, 2 x DGPS/Seapath 200, 2 x HiPAP 500, 1 x fanbeam

Power and Propulsion

Main Engines	
Number	8
Type	Caterpillar 3516C HD
Power (kW)	2188kW
Generators	
Number	8
Type	SES MJR560
Power (kW)	2100kW
Propulsion	
Number	2
Type	AZP 120
Power (kW)	3500kW
Thrusters	
Number	3
Type	Rolls Royce UL-2001 FP (retractable azimuth)
Power (kW)	1500kW
Location	1 x aft , 2 x forward
Number	2
Type	Rolls Royce TT-2400 (tunnel)
Power (kW)	1500kW
Location	Forward

Main Deck

Clear Deck Area (m ²)	1,050m ²
Deck Strength (t/m ²)	10t/m ²

Capacities

Fuel Oil (m ³)	1,335m ³
Fresh Water (m ³)	800m ³
Ballast Water (m ³)	6,200m ³

Accommodation

Berths (No.)	120 + 24 in SAT
Cabins (No.)	28 x single cabins 46 x double cabins

Helideck

Type	Suitable for S-92, c/w environmental, meteorological and vessel data system
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Cranes

Main Crane Capacity (t)	250t @ 10m (double fall), 200t @ 15m (single fall)
Manufacturer	MacGregor
Operating Water Depth (m)	2000m (single fall)
AHC	Yes
Location	Main deck, port side
Main Crane Comments	20t auxiliary hoist, certified for man-riding 'Red Book' compliant
Auxiliary Crane Capacity (t)	40t
Location	C-deck, port side
Auxiliary Crane Comments	5t auxiliary hoist, certified for man- riding 'Red Book' compliant

Moonpool

Moonpool (No.)	2 x diving
Dimensions (m)	4.8m x 4.8m

Dive System

Men (No.)	24
Bells (No.)	2
Depth Rating (m)	400m
Dive System Comments	Fully computerised with dual redundancy dive control system. Individual monitoring of divers. Heave compensated bell handling system. 2 x 24 man hyperbaric lifeboats. Fully certified for Norwegian operations.

ROV System

ROVs (No. and type)	1 x OBSROV
Operating Depth Rating (m)	500m
ROV Comments	Installed in large ROV hangar on starboard side. ROV control room fully integrated in the vessel.