

Skandi Seven

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Type:
Construction / Flexlay

Classification:
DNV, +1A1, SF, EO,
DYNPOS AUTRO DK+,
Comf-V(3)C(3), HELDK
NAUT-AW, CRANE, ICE-C,
CLEAN

The *Skandi Seven* is a construction / flexlay vessel capable of operating in water depths up to 3,000m.

Equipped with a vertical lay system* for deployment of flexible products, with a top-tension capacity of 110t and twin workclass ROVs.

- Length 121m x breadth 23m
- Deck area 1,300m²
- Heave compensated 250t crane
- Provision is also available for 300t reels on deck or 18m diameter carousel
- Single enclosed ROV hanger for side launched and moonpool launched ROV systems

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General Information

Classification	DNV, +1A1, SF, EO, DYNPOS AUTRO DK+, Comf-V(3)C(3), HELDK NAUT-AW, CRANE, ICE-C, CLEAN
Built	Aker Yards Soviknes, Norway 2008
Flag State Authority	Isle of Man
Port of Registry	Douglas

Dimensions

Overall Length	120.70m
Breadth	23m
Depth	9m
Draught (summer)	6m
Draught (max)	7m
Deadweight	5,500t

Dynamic Positioning Systems

DP Classification	DYNPOS AUTRO (Class III)
ERN Rating	99.99.99

Tank Capacities (100%)

Fuel Oil	1,930m ³
Fresh Water	1,060m ³
Ballast Water	3,700m ³

Cargo Deck

Deck Area (clear)	1,300m ²
Deck Strength	10t/m ²

Deck Cranes

The vessel is fitted with an active heave compensated offshore pedestal crane with the following main capacities:

Main Deck Crane	250t at 14m (harbour lift) 250t at 12m (subsea lift) 230t at 13m (ahc subsea lift) 190t at 12m (subsea lift at 2,500m)
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In addition the vessel is fitted with two auxiliary knuckle boom cranes, each with a capacity of 3t at 15m.

Pipelay System

Provision is also available for five 300t reels on deck. 3 x 300t reels or a 18m diameter carousel. A vertical lay system* (110t capacity) is permanently installed for deployment of a range of flexible products. The carousel can stow products from 100mm to 600mm diameter with the tensioner allowing a minimum of 50mm.

ROV Systems

The vessel has a single enclosed ROV hanger with ROV doors on the port and starboard sides and after end. A moonpool and a side door launch system are provided for ROV operations.

The vessel is fitted with an ROV moonpool (5.6m x 5.5m) with baffle zones in order to provide optimised sea damping capabilities.

ROV Moonpool	5.6m x 5.5m
Work Moonpool	7.2m x 7.2m

Accommodation

120 persons

Helideck

The vessel is fitted with an approved and certified helideck. The helideck has a D-value of 21 and is approved for Sikhorsky S92 helicopters.

Communications

The vessel is fitted with a VSAT communications system.

* Subsea 7's use of the Vertical Lay System (VLS) is under licence from Technip