

Shallow draft DP2-MPSV “Nora B”

Powerful, versatile and cost efficient MPSV, with high-spec deck equipment, tailor-made station keeping system and engine room configuration for maximum reliability at any offshore job.

Her **hybrid propulsion concept**, provides various power/propulsion configuration modes, resulting in an optimized performance and fuel consumption. The advantages of conventional and diesel-electric systems integrated in one design.

“Nora B” is suitable for:

- Geotechnical / Geophysical survey
- Dive & ROV support
- Anchor-handling / Towing / push-pull tug
- PLGR & Cable lay & repair vessel
- Buoy installation & maintenance
- Subsea equipment deployment
- Mass-flow excavation
- Offshore Supply Vessel

General

Delivery: April 2019
Classifications: BV, I HULL • MACH, TUG, UNRESTRICTED AREA, DYNAPOS AM/AT R
Flag: Dutch

Dimensions

Dims.(l x b x d): 36 x 15 x 2.9 m.
Min Draft: 1.90 m.
Free deck: 225 m² - 7.5 ton/m²
GT / NT: 492 / 148

Performance

Bollard pull: 35.0 ton
Speed: 11.0 / 8 kts. Max/Eco

Propulsion

Main engines: 2 x Cat, 970 kW @1800 rpm each
Electric drives: 2 x 192 kW
Propulsion: 2 x FPP in nozzles, diam. 1850 mm
Bowthruster: 2x 275 kW tunnel
Sternthruster: 2x 275 kW tunnel

Auxiliary Equipment

Generator sets: 4x Cat, 450 kW, 1x Cat, 150 kW
Fuel/FW pumps: 120/80 m³/h
Air compressor
Water maker
Sewage treatment plant



DP2 compliant - Equipment / features

Accurate DP and tracking system with high position keeping capabilities

Bureau Veritas DP-2 (AM/AT R)
High accuracy DGPS
Equipped with Fanbeam 5
Target follow mode, follow ROV mode
USBL tested - GAPS G4 (iXblue) available on request

Nautical & Comm. Equipment

GMDSS Area 1,2 & 3
VSAT and 4G internet onboard

Tanks capacity

Fuel oil / FW / Grey 135 / 91 / 6.5 m³

Deck Lay-Out / Equipment

Deck crane aft: Heila HLRM 230-4SL, Fixed hook / wire (single-double line) 10,3T / (4.5T-9.5T) @ 16.50m.
A/H winch: 100 ton max pull at 7m/min 1st layer or 50 ton pull at 18 m/min, 120 ton brake
Wire capacity 210m Ø56 mm
Towing winch: 64 ton max pull at 11 m/min 1st layer or 23 ton pull at 28 m/min, 125 ton brake
Capacity 768 m Ø40 mm,
Towing hook: 1x Mampaey 50 tons SWL
Tugger winch: 1x 20 ton
Guide pins fore: Triplex SWL 115 t
Shark jaws: Triplex SWL 200 t
Chain stopper

Moonpool (with pole) compatible with USBL

Sidepole (abatatable) for survey operations

Multiple container fittings flushed on deck

On request: 4 Point Mooring system

A-frame 25T SWL Hydraulically abatatable astern,
12T integrated winch

Accommodation

Comfortably heated and air-conditioned living spaces for **9 crew** and **12 client personnel** in 6 x double cabins