



NEW TSHD SERIES

- NEXT LEVEL OF TRAILING SUCTION HOPPER DREDGER

MAIN PARTICULARS

| | TSHD2000 | TSHD3000 | TSHD4000 | TSHD5000 |
|--------------------------------|----------------------|----------------------|----------------------|----------------------|
| Length o.a. (excl. bow unit) | 74.3 m | 80.8 m | 87.3 m | 91.5 m |
| Beam moulded | 18.2 m | 18.2 m | 19.6 m | 21.0 m |
| Depth moulded | 7.4 m | 8.1 m | 8.8 m | 8.8 m |
| Draught (dredging) | 4.7 m | 5.8 m | 6.4 m | 7.0 m |
| Trailing suction pipe diameter | 600 mm | 700 mm | 800 mm | 900 mm |
| Dredge depth | 20 m | 25 m | 30 m | 30 m |
| Hopper volume | 2,000 m ³ | 3,000 m ³ | 4,000 m ³ | 5,000 m ³ |
| Deadweight (max.) | 3,250 t | 4,850 t | 6,600 t | 8,350 t |
| Speed (loaded) | 11.1 kn | 11.5 kn | 11.9 kn | 12.2 kn |
| Diesel power installed | 3,100 kW | 3,800 kW | 4,400 kW | 4,980 kW |

DESIGN HIGHLIGHTS

- Shallow draught
- Minimum air draught
- High degree of freeboard
- No ballast water
- IMO Tier 3
- Protected fuel oil tank
- Online connected vessel
- Easy removal of main equipment and components
- Efficient utilization of diesel power
- Minimum amount of diesel engines (3 pcs)
- Accommodation for 14 crew (MLC compliant)

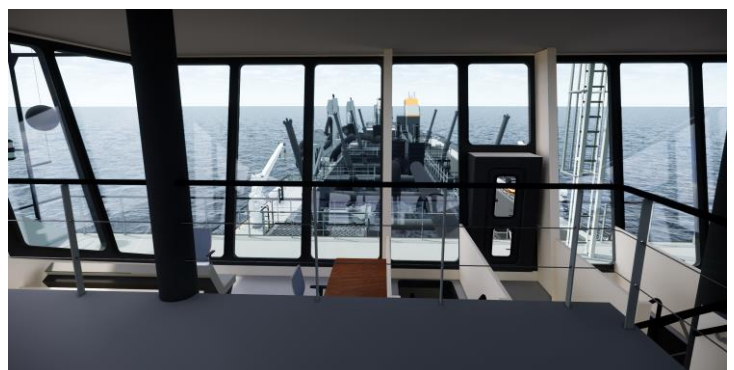
OPTIONS

- Non-radioactive production meter
- Additional accommodation space
- Additional booster station

View from helmsman seat



View from dredge master position



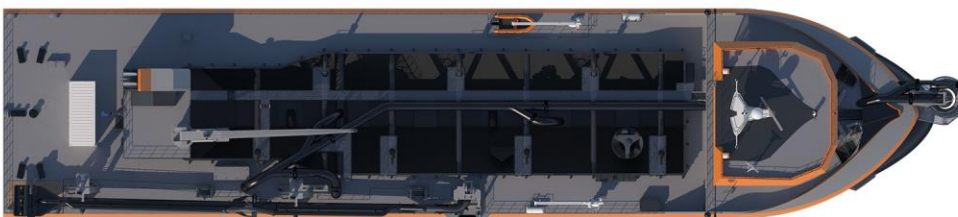
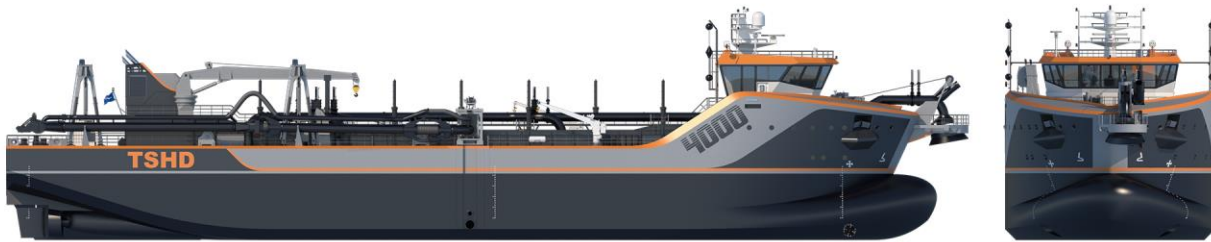
Notes:

- All information in this datasheet is intended for information only. Figures may vary depending on final configuration of the vessel
- TSHD5000 is under development

DAMEN

NEW TSHD SERIES

TSHD4000- NEXT LEVEL OF TRAILING SUCTION HOPPER DREDGER



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