



## Hopper Dredger

# Idun R

Idun R is a very efficient and versatile dredger that, considering its size, pushes all boundaries of performance. The vessel is capable of dredging at impressive depths, with a powerful dredge pump installation. The accuracy of positioning is ensured by having twin propellers installed, together with a bow thruster.

The shallow draught and the powerful dredge pump, combined with the excellent capability in positioning, make Idun R a preferred choice when it comes to pumping ashore through a pipeline, whether for reclamation works, coastal protection, or simply sand to a stockpile. The pumping distance is approximately 3,000m.

Idun R is also highly suitable when it comes to maintenance and capital dredging. To enhance the capabilities of Idun R, it is equipped with state-of-the-art technology for automation of dredging and navigation, including RESON PDS 2000. The latest environmental technology ensures that the vessel meets and exceeds the latest environmental requirements, through reduced emissions and fuel consumption.

# Specifications

|                        |                     |                             |                |
|------------------------|---------------------|-----------------------------|----------------|
| IMO .....              | 8325250             | Dredging depth .....        | 28.0m          |
| Call sign .....        | PCJJ                | Main engine .....           | 2x838kW        |
| MMSI .....             | 246773000           | Bow thruster .....          | 240kW          |
| Gross tonnage .....    | 1,815GT             | Pump ashore power .....     | 3,188kW        |
| LOA .....              | 79.0m               | Total power installed ..... | 4,687kW        |
| Breadth .....          | 14.0m               | Speed ballast .....         | 10.0kn         |
| Hopper capacity .....  | 2,000m <sup>3</sup> | Speed loaded .....          | 9.0kn          |
| Draught loaded .....   | 4.5m                | Flag .....                  | Dutch          |
| Draught unloaded ..... | 3.4m                | Class .....                 | Bureau Veritas |

## Nordic mythology

**Idun** plays a very important role to the gods. She is namely the guardian of the golden apples. Each year, she hands out the rejuvenating apples to the gods and goddesses, allowing them eternal life.

