



## Hopper Dredger

# Magni R

Magni R is a unique split trailing suction hopper dredger. The hopper splits easily in very shallow water, with a draught of merely 3.8m fully loaded, and thereby unloads the material in a very exact, quick, and highly economical way. Magni R is able to dredge at depths of 28m, with possibility of extension to 40m.

The very shallow draught and the powerful dredge pumps that can pump 2,500m, combined with the excellent capability in positioning and manoeuvrability, make Magni R a preferred choice for all types of dredging works.

Magni R uses highly advanced technology for positioning and dredging operations, including RESON PDS 2000. The vessel has proven to be very flexible and competitive. Furthermore, the vessel is equipped with state-of-the-art environmental technology, meeting and exceeding the latest environmental requirements, by reduction of both emissions and fuel consumption.

# Specifications

IMO .....	8956308	Dredging depth .....	28.0m
Call sign .....	OWZO2	Main engine .....	2x746kW
MMSI .....	219965000	Bow thruster .....	235kW
Gross tonnage .....	1,414GT	Pump ashore power .....	2,350kW
LOA .....	75.8m	Total power installed .....	5,046kW
Breadth .....	12.8m	Speed ballast .....	9.0kn
Hopper capacity .....	1,550m <sup>3</sup>	Speed loaded .....	7.5kn
Draught loaded .....	3.8m	Flag .....	Danish
Draught unloaded .....	2.2m	Class .....	Bureau Veritas

## Nordic mythology

**Magni** is Thor's son. Magni means strength. At 3 years old, he saves his father from dying under the boot of the Giant Hrungner, and as a reward, he is given the horse Guldfaxe.

