



ROYAL  
**WAGENBORG**



**W2W FERRY KASTEELBORG**

## MAIN DIMENSIONS

Length over all approx.	83.4 m
Length between p.p.	76.5 m
Breadth moulded	18.0 m
Depth to main deck	8.0 m
Max. draught	6.69 m
Design draught	6.0 m

## TANK CAPACITIES

Fuel oil (MDO)	1.461 m <sup>3</sup>
Fresh water	1.016 m <sup>3</sup>
Ballast water / Drill water	1.664 m <sup>3</sup>
Liquid mud (sp. gr. 2,8 t/m <sup>3</sup> )	1.293 m <sup>3</sup>
Brine (sp. gr. 2,5 t/m <sup>3</sup> )	293 m <sup>3</sup>
Cement (4 tanks)	254 m <sup>3</sup>
LFL* (4 tanks)	155 m <sup>3</sup>
Base oil	254 m <sup>3</sup>
ORO	1.015 m <sup>3</sup>

## VESSEL CAPACITIES

Deck load	2.220 t
Cargo deck area	850 m <sup>2</sup>
Cargo deck aft of frame 35	10 t/m <sup>2</sup>
Cargo deck fwd of frame 35	5 t/m <sup>2</sup>
Gross tonnage, international	4.191 GRT
Net tonnage, international	1.259 NRT
Max speed (at T= 4,65 m)	15.8 knots
ERN	[99,99,99,89]

## CLASSIFICATION / FLAG

1+ Hull + Mach, Offshore support vessel - supply LHNS, Heavycargo (area-load), Unrestricted navigation, + AUT-UMS, SDS, DYNAPOS AM/AT R, SYSNEQ-OSV, CLEANSHIP SUPER, COMF VIB (3), COMF NOISE (3), Attestation on compliance with DNV-GL COMF C (3), ICE, ERRV Class B  
Flag: Netherlands

## ACCOMMODATION

- 2 state cabins with day-room and bedroom, 12 one-bed cabins, 2 three-bed cabins, 1 two-bed cabins w. common day room
- Sick bay
- Galley, dry provisions, cooler, and freezer room
- Mess (19 seats), day room, smokers' day room
- Deck pantry, wardrobe, laundry, gym

Additional ERRV accommodation:

- 9 additional cabins (3 single, 6 double cabins)
- Office/ Survivor Area
- Hospital, Recovery Area
- Conference room

## LIFESAVING AND RESCUE EQUIPMENT

- Four off life rafts each of 25 persons, two on each side
- Fast Rescue Craft
- Single point davit of movable type
- Daughter craft
- Rescue Basket
- Dacon scoop
- ERRV facilities

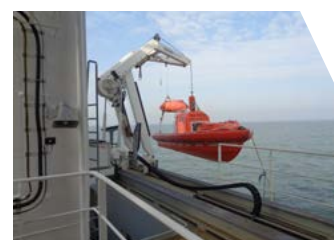
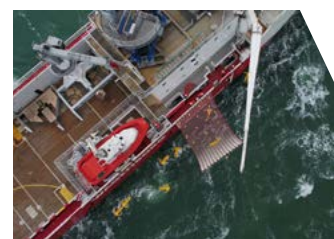
## DECK EQUIPMENT

- Deck crane: Knuckel boom shipboard crane 3 t at 18 m, telescopic boom 0,5 t at 21,5 m. Dyn. factor 1.3
- Ampelmann motion compensated gangway system
- Motion compensated offshore deck crane  
Lifting capacity: 20t at 10m / 2t at 32.5m, 15t at 9m/ 1.5t at 32.5m
- Covered working area and workshops + warehouse on main deck

## MACHINERY / PROP. SYSTEM

Diesel electric power and propulsion plant 690V - 60Hz:

- Two main generator engines, each of MCR 2350 bkW (2250 ekW / 2500 kVA) at 1800 rpm
- Two main generator engines, each of MCR 994 kW (940 ekW / 1044 kVA) at 1800 rpm
- Electric propulsion motors, frequency converter controlled, each 0-2200 ekW, 0-1200 rpm
- Two main azimuth pulling propellers, controllable pitch, each 2200 kW, dia. 2800 mm, speed 0-210 rpm
- Emergency generator, 200 ekW - 250 kVA, 1800 rpm



## DETAILS PICTURES

1. Ampelmann
2. Barge Master
3. ERRV facilities
4. Fast rescue craft
5. Daughter craft
6. Special product reeled bunker hoses

