



Vessel facts

# Vessel facts

Built at Hyundai Heavy Industries in Ulsan, South Korea. Shipbuilding contract and specifications signed in August 2021 with delivery in January 2025.

## Flag and class

- Danish flag, ABS class

## Specifications

- **Length:** 350 meters
- **Breadth :** 53.5 meters
- **Speed:** 21 knots
- **Lightweight:** 47,700 tonnes
- **Fun fact:** The empty vessel weighs the same as approx. 25,100 Toyota bZ4X electric cars.
- **Deadweight:** 190,000 tonnes at scantling draft of 18.0 meters.
- **Fun fact:** The vessel can carry approx. 29,000 African elephants.
- **Cargo holds:** The vessel has 10 cargo holds, where the typical one is 29 m long, 48.5 m wide and 33 m high.
- **Fun fact:** If you fill up one cargo hold with water, then there would be enough water to fill up 19 Olympic swimming pools.

## Container capacity

- 16,592 TEU (twenty-foot-equivalent)
  - 2000 RFEU (reefers forty-foot-equivalent)
- On deck: 6856 TEU (21 rows / 11 tiers)
- In hold: 9736 TEU (19 rows / 12 tiers)
- **Fun fact:** If you line up 16,592 TEU containers, the line would be 100.5 km long – corresponding to 959 football pitches, or app. 4.6 times the length of the Mumbai Trans Harbour Link.

## Inside the vessel

- 30 cabins (28 + Suez + Duty Rest Room)
- Living quarters, recreation room and action room
- Dining room, Duty mess, Galley, Provision stores
- Ships Control Center and Fire Station
- Fitness Room, Medical Treatment Room and Laundry Room
- 2 changing rooms

# ALL THE WAY TO ZERO

# Vessel facts

## Engine

- Main engine: HYUNDAI-MAN B&W 8G95ME-C10.5-LGIM-EGRTC, 8 cylinders, 44,187 kW
- Auxiliary engines: 4 x HIMSEN H32DF-LM (3 x 9 cylinders each 4320 kW + 1 x 6 cylinders 2880 kW)
- Shaft generator: The vessel is fitted with a Wartsila shaft generator of 4.0 MW.
- Methanol fuel capacity: 16,000 m<sup>3</sup> in two tanks beside each other, located forward of the engine room
- The vessel can sail up to 23,000 nautical miles on methanol corresponding to 41,400 km (1 nautical mile = 1,8 km) when fully bunkered
- The engine is a dual fuel type, meaning it can run on methanol as well as traditional marine fuels. The same applies to the auxiliary engines.
- **Fun fact:** The auxiliary engines can supply electricity for 87,500 homes.

**Green fact:** Running on green methanol, the vessel saves up to approx. 280t of CO<sub>2</sub> pr day compared to a sister vessel sailing on heavy fuels. When all 12 sister vessels are in operation and have replaced existing “normal” vessels, the CO<sub>2</sub> savings will be app. 1.5 million tonnes per year, which is almost double the CO<sub>2</sub> emissions of the Municipality of Copenhagen in 2022.

**Methanol fact:** Consumption of methanol is approximately double that of traditional fuel due to the lower energy density.

ALL  
THE  
WAY  
TO  
ZERO