



Økland Foto

MAIN PARTICULARS

Length:	82.5 m
Beam:	17.5 m
Draft:	3 m
Passengers:	299 pax
Cars:	80 units
Service speed:	9 knots

GENERAL

Design:	LMG 80-DH2
Owner:	Norled (Norway)
Yard:	Westcon (Norway)
Class:	DNVGL +1A LC CAR FERRY B E0 R4 Battery(Power) FC(Safety)

PROPULSION

Type:	Liquid hydrogen/Electric
Fuel cells:	2x200kW (Ballard)
Energy storage:	Batteries 1600kWh
Thrusters:	Schottel

KEY FACTS

- Operates on liquid hydrogen
- Zero emissions ship
- Innovative lounge layout
- High efficiency pulling thrusters
- Automatic mooring
- Heat recovery for HVAC





LMG Marin is a European leader in naval architecture and maritime engineering, with more than **80 years of business**. LMG Marin is part of the Seatrium group.

Located in the cities of **Bergen and Stavanger** in Norway, **Toulouse and Marseille** in France and **Szczecin** in Poland, the **90-engineer** strong team is supporting ship owners and shipyards **from concept development to vessel delivery**, offering expertise in economical, operational and technical optimization with an environmental focus. LMG Marin provides design, engineering and documentation required to build advanced ships, floating structures and platforms according to customer needs.

LMG Marin's **1000 references** include passenger ships, high speed crafts, offshore service vessels, tugboats, cargo ships, cruise ships and naval ships. The company works in an international environment with shipowners **worldwide** as an independent partner, without any preference for vendors or shipyards.

LMG Marin also assist shipowners in introducing **innovative, environmentally friendly and economically optimized** solutions for their ships. The company has pioneered the development of propulsion solutions based on **LNG** (20 references), **CNG** (1 reference), **batteries** (30 references), **Wind Assistance**, and Liquid & Compressed **Hydrogen** (3 vessels under construction, 1 in operation). LMG Marin has several award-winning vessels and World's first references in portfolio.