



## CAR AND PASSENGER FERRY

- Diesel Electrical Propulsion Systems
- Built to operate in compact ice
- For short distance and easy maneuvering
- EU Class C



### MAIN DIMENSIONS

Length O.A.	97.90 m
Length Car Deck	90.00 m
Breadth Moulded / Max.	18,00 / 18,50 m
Depth Moulded to Main Deck	5.70 m

### CAPACITY

Gross Tonnage (GT)	5233 tons
Deadweight (DWT)	800 tons
Deck Load	624 tons
Axle Load (dual wheel)	15 tons
Cars (PCU) / Trucks	150 / 12
Passengers / Crew (PAX)	600
Service Speed / Power	15 knots / 2600 kW

### TANK CAPACITY

Fuel Oil	106 m <sup>3</sup>
Fresh Water	24 m <sup>3</sup>
Sewage	15 m <sup>3</sup>

### MACHINERY

Propulsion System	Diesel Electrical	
Diesel Aggr.	Wärtsilä 6L20	2 x 1140 kW
	Wärtsilä W8L20	2 x 1600 kW
Main Propulsion	Rolls-Royce Contaz 25	2 x 2200 kW

### GENERAL

Design	Multi Maritime AS, MM 90 FC
Class	DnV +1A1, R3 ICE-1A, Car Ferry A, E0
Authority / Flag	EU Class C, EMA-Estonian Maritime Administration
Owner	Saarema Shipping Company Ltd., Estonia
Hull Yard	Western Baltija Shipbuilding, Lithuania
Outfitting Yard	Fiskerstrand Verft AS, Norway
IMO No.	9474060
Call Sign.	ESJO
Delivery	December 2010

### CONCEPT DESCRIPTION

Aneco-friendly solution. The design of the new ferries focus on effective and friendly traffic operation with low energy consumption and good environmental performance. It will operate on the connection between Rohuküla on the Estonian mainland and Heltermaa on the Island of Hiiumaa. The operation speed will be 16 knots and the speed in 20 cm first level ice shall not be less than 8 knots.

