

Liafjord

Pelagic Trawler / Midwater Trawler



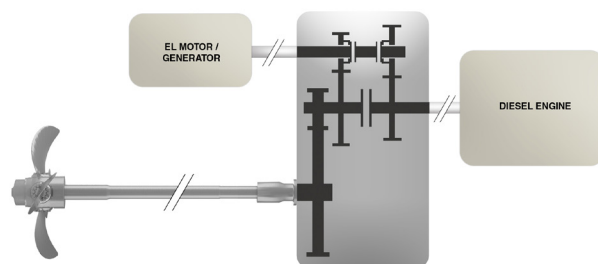
Illustration: Salt Ship Design AS, Norway

VESSEL INFORMATION

Owner	Liegruppen Fiskeri AS, Norway	
Shipyard	Cemre Marin Endüstri A.S., Turkey	
Hull Number	#78	
Year Built	2023	
IMO Number	9935973	
Ship Design	Salt Ship Design AS, Norway	
Class	BV No Ice	
Engine	Diesel Engine	
Type:	Power: 4800 kW	RPM: 750
El motor PTH mode,	Power: 1500 kW	RPM: 1200

BRUNVOLL SUPPLY

Reduction Gear	ACG 980 2-speed	
PTO / PTH	PS750: PTO 2500 kW / PTH: 1500 kW	
Propellers	CP95, 4000 mm diameter	
Tunnel Thruster	Bow: FU63 LTC 1550, 600 kW Stern: FU63 LTC 1550, 800 kW	
Control System	BruCon Propulsion & Thruster Control	



2-speed Hybrid Propulsion System

The 2-speed Reduction Gearbox provides the option for two steps of different propeller speeds in a diesel mechanical or hybrid configuration.

In step one the propeller is running at high rpm at full speed from the diesel engine. Step two is designed for an operation mode demanding reduced energy to the propeller. In step two the available power is divided between the propeller and the PTO unit serving energy to the ships electric system for utilisation at other consumers.

This propulsion system is also designed for PTH-mode for electric emergency mode.

A hybrid system configuration is a fuel efficient and flexible system, with high redundancy. The zero-pitch loss is reduced to a minimum, and the vessel can achieve considerable fuel saving.