



SUNDERØY

Type: Freezing stern trawler

Hull material: Steel

Owner: Prestfjord Seafood A/S (Norway)

One of world's most advanced fishing vessels, this modern stern trawler is arranged with triple trawl and pelagic trawl for catching white fish and shrimps on Arctic waters. Designed with a special focus on gentle fish handling and optimized for bottom and mid-water trawling, the vessel is equipped with modern and automated fish processing equipment, including a meal plant, and a total hold capacity of 2250 m³. As achieving a minimal environmental footprint is a key factor, this state of the art trawler introduces a wave piercing hull design and a hybrid propulsion system, reducing the vessel's impact on the environment.

MAIN PARTICULARS

General Information

Design	NVC 372 by Kongsberg Maritime AS
Hull material	Steel
Type	Freezing stern trawler
Delivery	2020
DNV-GL Class notation	✱ 1A, Stern Trawler, ICE 1B (HULL: ICE1A*), EO, TMON, BIS.

Dimensions

Length overall	77.2 m
Length between perpendiculars	69.6 m
Breadth moulded	17 m
Depth to main deck	6.5 m
Draught	6.9 m

Capacities

Fuel oil	786 m³
Fish Hold	1543.5 m³
Meal Hold	349.4 m³

Accommodation

Accommodation for	29 persons in 26 cabins
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PERFORMANCE & MACHINERY

Propulsion / Maneuvering

Propulsion system	Hybrid Diesel-Electric: Diesel Main Engine + Hybrid Shaft Generator
Main Engine	1 x RRM Bergen B33:45V12, 7,200 kW
Auxiliary	1 x RRM Bergen C25:33L6A, 1,920 kW + 1 x 550 kW Aux Generator + Hybrid Shaft Generator (PTO:2950 kW / PTI: 2000 kW) + Battery Energy Storage, 350 kWh
Maneuvering Machinery and Equipment	1 x High Lift Rudder type Promas + 1 x Bow Thruster TT1650, 640 kW

Features

Speed	17 kn
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EQUIPMENT

Deck / Special equipment

Deck cranes	1 x Service/unloading knuckle boom crane 2t at 12m + 1 x Knuckle boom Deck crane 3t at 16m + 1 x Loading/unloading crane 4t at 14,3 m + 1 x Service/unloading boom crane 4 t at 8m
AC Electrical Driven Main Winches	2 x Wing trawl winches + 2 x Mid trawl winches + 1 x Net drum + 1 x Net sounder winch + 8 x Sweep line winches + 3 x Gilson winches + 2 Emptying (Cod end) winches + 2 x Out-haul winches + 2 x In-haul winches
Fish Processing Area	1 x White fish Heading & Gutting factory system + 1 x Shrimp Factory/Line + 1 x Meal and Oil Factory