



## C480

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 m<sup>3</sup>. 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

Hull material	Steel
Type	Freezing stern trawler
Delivery	2020
DNV-GL Class notation	✕ 1A, Stern Trawler, ICE 1B (HULL: ICE1A*), E0, 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	ab. 670 m <sup>3</sup>
Fish Hold	ab. 1500 m <sup>3</sup>
Meal Hold	ab. 300 m <sup>3</sup>

### 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, 7,500 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
Manoeuvring Machinery and Equipment	1 x High Lift Rudder type Promas + 1 x Bow Thruster TT1650, 640 kW

### Features

Speed	16 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