



Globox Marine Engineering

PROJECT GM 3.03

STERN TRAWLER 39,90 M



Globox Marine

OPERATING CHARACTERISTICS

Type of the vessel	Freezing stern trawler
Purpose	Fishing vessel (trawl method) for catching of the bottom fish species, with subsequent processing and freezing of the catch.
Fishing objects	All types of bottom fish
Operating areas	Navigation area and work are not limited
Special conditions in areas of operation	Water temperature: -3°C to +25°C Air temperature: -30°C to +30°C Humidity: 80%
Maximum distance to the fishing area	In accordance to vessel's endurance
Class	KM® Ice3 (Hull) Ice2 (Machinery) AUT3 OMBO Fishing vessel (REF)

MAIN DIMENSIONS

LOA	39,90 m
Length between perpendiculars	36,00 m
Breadth	12,00 m
Estimated draft to the main line	4,70 m
Number of decks	3
Frame spacing	0,6 m

CAPACITIES

Max light displacement	814 t
Deadweight	ab. 500 t
Cargo space volumes	ab. 500 m ³
Cargo capacity	300 t of frozen pr.
Endurance	ab. 25 days
Fuel (MGO)	210 m ³
Fresh water	16,5 m ³
Number of crew members	22 persons

NAVIGATION EQUIPMENT

Complete set of modern radio navigation equipment

POWER PLANT AND PROPULSION

Power plant scheme	ME + SG + AE + EMDG/harbour
Main engine	2000-2200 kW
Shaftgenerator	800 kW
Auxiliary engine	500 kW
Emergency diesel-generator	150 kW
CPP	ø 3800 mm
Bollard pull	40 t
Max speed	12 knots

DECK AND FISHING EQUIPMENT

Trawl winch (x3)	35 t
Sweep line winch (x6)	15 t
Gilson winch (x2)	20 t
Cod end winch	15 t
Outhaul winch	5 t
Back strap winch (x2)	1 t
Auxiliary winches (x2)	5 t
Deck crane	1,5 - 3 t

FISH PROCESSING

Estimated composition of equipment for fish processing plant	By request of the Customer
Fish factory area	200-210 m ²
Estimated productivity of the processing plant	30 t/day

STORAGE OF THE CATCH

Freezing hold temperature

- 28°C

Freezing capacity

30 t/day