



SEA FISHER 2007

STERN TRAWLER

GENERAL

Functions	Stern trawling with doors, suited for pelagic trawling and bottom trawling and fitted with a refrigerated fish hold for storage of the catch
Classification	Hull built to Bureau Veritas (no certificate) or equivalent I • HULL Fishing Vessel- Coastal Waters

DIMENSIONS

Length o.a.	20.10 m
Length b.p.p.	18.65 m
Beam mld.	7.00 m
Depth at side (base)	3.75 m
Draught aft (approx.)	3.10 m

TANK CAPACITIES

Fuel oil (service)	18.0 m ³
Fresh water (service)	8.0 m ³
Lubrication oil	1.0 m ³
Bilge water	2.0 m ³
Dirty oil	1.0 m ³
Sewage	2.0 m ³

FISH HOLD CAPACITY

Fish hold (insulated)	85 m ³
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PERFORMANCES (APPROX.)

Speed (at design draught)	8.5 kn
Pull (at 4 kn speed)	5.0 t

PROPULSION SYSTEM

Main engine	Volvo D 16 MH
Propulsion power	442 kW (600 bhp) @ 1800 rpm
Gearbox	Reverse reduction, ratio 5.050:1
Propeller	1600 mm FPP in a nozzle
Rudder	Balance streamlined double plate

AUXILIARY EQUIPMENT

Networks	230/400 V 50 Hz
Generator set	Caterpillar C1.5 NA, 10.7 ekW / 13.4 kVA
Hydraulics for deck equip.	HPU, driven by PTO on the gearbox

DECK LAY-OUT

Anchor to be used with the warp	175 kg Pool (High Holding Power)
Stern trawl rigging	On the main deck aft a bipod gantry with two gallows, blocks, sheaves and guider frame, removable fish pond
Split trawl winches	2x, first layer 5 ton @ 0-45 m/min, 600 meter diam. 14 mm wire
Net drum winch	3.0 m ³ 4.5 ton at empty drum @ 44 m/min
Cod end / Gilson winch	Capacity 20 m 24 mm steel wire, 2.0 tons at first layer @ 0 - 10 m/min
Life raft	One on the forecastle deck, 5 persons

REFRIGERATION / FREEZING

The fish hold is refrigerated to control the melting rate of shore supplied ice

ACCOMMODATION

A ventilated accommodation for 5 persons, completely insulated and finished with durable modern linings. The accommodation includes 3 cabins, a galley mess room, a sanitary space and a changing room. The wheelhouse is compact has a Dampa ceiling and offers an unobstructed view in all directions.

NAUTICAL, COMMUNICATION, FISH FINDING EQUIPMENT

External communication	2x VHF, Navtex, AIS, SART, EPRIB
Internal communication	Intercom
Nautical systems	Compass, radar, GPS, echo sounder
Fish finding systems	Colour fish finder

OPTIONS

Classification	I ✱ HULL • MACH Fishing Vessel-Coastal Waters
Increased generating power	Caterpillar C-4.4 TA, 69 ekW/86 kVA for power consumers
Anchor winch	Electrically driven, with cable drum
Increased winch capacity	2x, first layer 9.5 ton @ 0-30 m/min, 1800 meter diam. 16 mm wire
Cargo boom with cargo winch	Hydraulically driven, 0.5 ton @ 20 m/min.
Refrigeration / freezing	Flake ice machine Blast freezing -40°C in combination with Fish hold freezing -25°C
External communication	SSB

FREEZING / REFRIGERATION

Fish hold refrigeration	0 °C (auxiliary load 3 kW)
Ø Flake ice machine	1100 kg /24 hours (auxiliary load 8 kW)

All data presented is preliminary and is subject to change without prior notice. Artist impressions and general arrangement plan may show optional equipment. Options may impact performances.

DAMEN

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