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 m³
Fresh water (service) 8.0 m³
Lubrication oil 1.0 m³
Bilge water 2.0 m³
Dirty oil 1.0 m³
Sewage 2.0 m³

FISH HOLD CAPACITY
Fish hold (insulated) 85 m³

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

PROPELLER SYSTEM
Main engine Volvo D 16 MH
Propulsion power 442 kW (600 bhp) @ 1800 rpm
Gearbox Reverse reduction, ratio 5.090:1
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 e kW / 13.4 kVA
Hydraulics for deck equip. HPU, driven by PTO on the gearbox

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

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 e kW/86 kVA for power consumers
Increased winch capacity Electrically driven, with cable drum
Cargo boom with cargo winch 2x, first layer 9.5 ton @ 0-30 m/min, 1800 meter diam. 16 mm wire
Refrigeration / freezing Hydraulically driven, 0.5 ton @ 20 m/min.
Flake ice machine Blast freezing-40°C in combination with Fish hold freezing -25°C
SSB

FREEZING / REFRIGERATION
Fish hold refrigeration 0°C (auxiliary load 3 kW)
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