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Trönuhraun 1
220 Hafnarfirði
Iceland

84 M COMBINED PURSE SEINER. PELAGIC AND BOTTOM FREEZING TRAWLER, TYPE B

Main dimensions

Length oa	84.0 m
Length pp	72.8 m
Breadth	16.5 m
Dept to shelter deck	12.15 m
Dept to trawl deck	9.65 m
Dept to main deck	6.33 m
Design draft	7.9 m

Class of vessel

Det Norske Veritas +1A1, ICE C,
Fishing Vessel S, E0

CAPACITIES

Fresh water capacity	80 m3
Water ballast approx.	100 m3
Fuel oil capacity	900 m3
Freezing holds tot.	1400 m3
RSW tanks tot.	1750 m3
Freezing hold/RSW	250 m3

Speed

16 knots

Main Machinery-Wartsila

Main engine type 12V32, 6.000kW
(8.150 Hp) at 750 rpm coupled to gear
and pitch propeller, 150rpm, 3.9m in
nozzle.
(alternative Mak/ Volda)

Auxiliary Machinery- Caterpillar

2 aux. engines type 3412, each coupled
to 590 kW generator
1 shaft generator 2.800 kW
1 emerg./harbour engine, coupled
to a 320 kW emerg. generator
(alternative Cummins/Stamford)
1 100kW rotating frequency converter
for 230V voltage system
2 thrusters, each 700kW, 1650mm
Ulstein TT1650 III CP (or similar)
1 flap rudder LxH 2.7x4.1m
Ulstein HLR-H 2700 (or similar)

Voltage system

Main voltage system 3x380, 50Hz to
3x440V, 60Hz, floating voltage and
frequency. For accommodations and
sensitive consumers 3x230V, 60Hz

Fishing Equipment pelagic trawling purse seining

Trawl deck arranged with two trawl.
Purse seine net bin in SB
Shelter deck arranged with
Purse seining equipment

The deck machinery is a high
pressure equipment from Rapp
Hydema/Triples (alternative Karmøy or
Rapp Hydema/Petrell)

2 trawl winches each 63 tons
2 purse seining winches each 35 tons
2 net drums each 26m3, 51 tons
1 end wire winch 10 tons
1 aux. Winch, foreship, 16 tons
2 back strap winches, each 2.3 tons
1 net sound winch 3.7/5.5 tons
1 god end winch, 12 tons
4 swepline winches, each 12 tons
2 gilson winches, each 24 tones
1 out hauling winch, 6 tons
1 18" fish pump
1 fish hose reel
1 hydr. hose reel, fish pump
1 net hauler Triplex 850/500/2S
pull 35 tons (or similar)
1 transport roller Triplex, 4.8 tons
1 net stacker Triples NK 5012
(or similar)
1 fore elbow deck crane 50 Tm,
boom 13m
1 fish pump elbow deck crane 50 Tm
boom 10m
4 hydr. operated vertical steering/
guiding rollers in way of stern
1 hydr. operated ring needle
1 hydr. operated fish hatch.
The vessel is also equipped
With following:
1 trawl gallow
2 purse seining gallows
1 mizzen gantry
stern ramp with hydr. operated gate
1 net chute
1 dewatering box, max 3500m3/h

Accommodations

Total 27 men + hospital

Bridge

Installation in all high level
Of automation, communication
and fish finding equipment
Included base price for fish
finders, radio and navigation
equipment for a tot. amount
USD 0.6 millj.

Holds.

2 insulated freezing holds cooled with
cooling coils in hot galv. steel, for -28°C.

RSW tanks

10 lined and insulated RSW
tanks where two are also
prepared as freezing holds

RSW cooling system

1 RSW cooling system with tot.
cap. 900.000 kcal/h

Ice makers

Two ice makers tot cap.
approx. 60 tons/24h and ice
slurry system with supply to
RSW tanks and tanks/bins in
processing room

Vacuum pump system

Twin Pack radio controlled
from Optimar type HT 3000-
14"/14", with two 3000 litres
tanks and two 63 kW
compressors (or similar from
Iras)

Processing Equipment

180tons/ 24h fish factory deck
prepared for a fillet processing
line with up to 2 auto freezers
(or vertical freezers), 6 fillet
machines for processing
herring, grading machine,
strapping machines, scales,
auto. dosering to freezing
pans, etc.
Processing room also with a
95m3 fish receiving bin in aft,
two waste channels and
prepared for 2pcs heading/
gutting machines, 2pcs filleting
for redfish, 2pcs filleting
machines for cod etc.
Processing line including
hydraulic system for fish
processing line and installation
all excluded in ship price.
Freezing machinery prepared
for 2 horizontal auto freezer or
vertical freezers with tot. cap.
180tons/24h and maintaining
freezing hold temp. at -28°C

Cargo elevator

Bilge wells with large bilge
pumps inside processing
rooms.