




FACTORY TRAWLER 105

GENERAL

Basic functions	Stern trawler for pelagic and semi-pelagic, on board processing, freezing and packing, on board storage of fish products.
Classification	RMRS, KM  , Fishing Vessel, Ice3, AUT2, REF, BWM(T), Fishing Vessel

DIMENSIONS

Length o.a.	105.10 m
Length b.p.p.	99.83 m
Beam mld.	20.30 m
Depth to main deck	8.50 m
Depth to trawl deck	12.20 m
Depth to A-deck	15.00 m
Depth to B-deck	17.80 m
Deadweight	4100 ton

TANK CAPACITIES (service)

HFO	1500 m ³
MDO	200 m ³
Potable water	100 m ³
Technical water	125 m ³
Lubrication oil	45 m ³
Sewage	90 m ³

HOLD/TANK CAPACITY (cargo)

RSW receiving bins	350 m ³
Lower freezer hold	2100 m ³
Upper freezer hold	2200 m ³
Fish meal hold	750 m ³
Fish oil	80 m ³

PERFORMANCES

Speed, max.	15 kn
Bollard pull max	90 tons
Endurance	45 days
Incl. optional PTI, speed max.	16 kn, bollard pull 115 ton

PROPULSION SYSTEM

Propulsion power	6000 kW at 750 rpm
Power incl. optional PTI	8000 kW
Gearbox	Reduction, with PTO
Propeller	4500 mm CPP in a nozzle
Rudder	Flap type
Bow thruster	1800 mm CPP 900 kW

AUXILIARY EQUIPMENT

Networks	690/400/230 V 50 Hz
Shaft generator	1x 3000 kW / 3750 kVA
Main generator sets	2x 1500 kW / 1875 kVA
Emergency generator set	1x 180 kW / 2225 kVA

DECK EQUIPMENT

Anchor windlass	For 2x stockless anchor
Double derricks aft	1x 5 tons
Double derricks fore	1x 5 tons
Deck crane aft	1x 10 tons SWL at 15 m

FISHING EQUIPMENT

Stern gantry	Monopod
Stern trawl rigging-ice	Ice gallows
Split trawl winches	2 x 60 tons @ 50 m/min, 3500 m/34mm
Net drum winches	4x 35 m ³ , 35 ton @ 0 m/min. 1x also as sweepline winch
Gilson winches	2x 25 tons @ 25 m/min
Cod end winches	2x 12 tons @ 35 m/min
Outhaul winches	2x 12 tons @ 35 m/min
Auxiliary winches	4x 2 tons @ 40 m/min
Net sounding winch	1x 4 tons @ 70 m/min
Auto-trawl system	1x

PROCESSING (e.g.)

Processing area approx. 1170 m². Maximum input 500 tons/day of Pollock. Four processing lines for Pollock, Herring, Mackerel, Squid. Pacific Sardines are processed on the same lines.

FREEZING (e.g.)

Horizontal plate freezers, total capacity 350 tons/24hours of Pollock to a core temperature of at -25°C, Cooling by means of direct expansion of NH₃

FISHMEAL PLANT (e.g.)

A fish meal plant with a capacity of approx. 200 ton raw material per day.

PRODUCTS (e.g.)

Pollock: H&G, fillet, roe, liver, fish mince, fish meal, fish oil
 Herring: Whole, H&G, butterfly fillet, roe, fish mince, fish meal, fish oil
 Squid: tube & tentacles, fish meal

ACCOMMODATION

A comfortable air-conditioned accommodation for up to 125 persons. It includes a large wheelhouse with technical space, ship's office, leisure spaces and various stores and workshops, all in accordance with Russian sanitary rules.

NAV-NAUT, COMMUNICATION AND FISH FINDING EQUIPMENT

External communication system according to Northern Sea Areas A4. Internal communication systems, navigation systems and fish finding systems suitable for pelagic and semi-pelagic in moderate to cold areas.

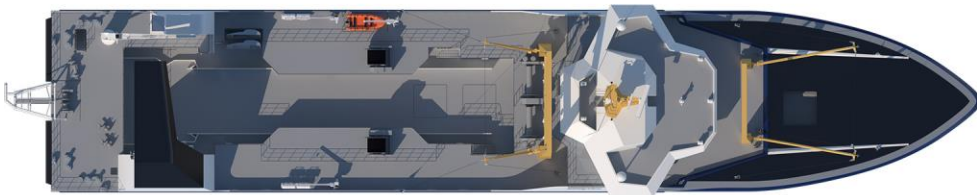
OPTIONS (e.g.)

Several options are possible, such as PTI on the gearbox, hydraulic deck cranes for (un)loading, elevator unloading system, fish pump, etc.

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.



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