



# 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	1200 m <sup>3</sup>
MDO	200 m <sup>3</sup>
Potable water	120 m <sup>3</sup>
Technical water	105 m <sup>3</sup>
Lubrication oil	45 m <sup>3</sup>
Sewage	80 m <sup>3</sup>

## HOLD/TANK CAPACITY (cargo)

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

## PERFORMANCES

Speed, max.	15 kn
Bollard pull max	90 tons
Endurance	45 days

## PROPULSION SYSTEM

Propulsion power	6000 kW at 750 rpm
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 ekW / 3750 kVA
Main generator sets	2x 1500 ekW / 1875 kVA
Emergency generator set	1x 180 ekW / 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 5 tons SWL at 14 m

## FISHING EQUIPMENT

Stern gantry	Monopod
Split trawl winches	2x 60 tons @ 50 m/min, 3500 m/34mm
Net drum winches	1x 30 m <sup>3</sup> , 10 tons @ 45 m/min
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	2x 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 m<sup>2</sup>. 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 200 tons/22hours of Pollock (H&G) to a core temperature of at -25°C. Cooling by means of direct expansion of NH<sub>3</sub>

## FISHMEAL PLANT (e.g.) Ø option

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 A3. Internal communication systems, navigation systems and fish finding systems suitable for pelagic and semi-pelagic in moderate to cold areas.

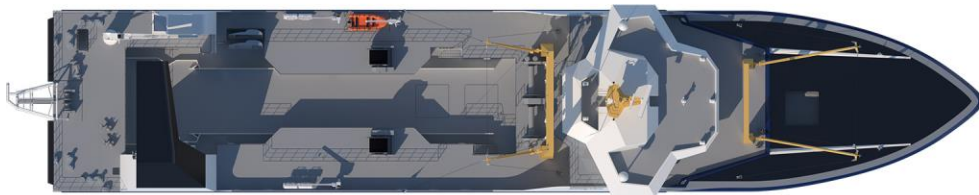
## OPTIONS (e.g.)

Several options are possible, such as diesel-electric propulsion, hydraulic deck cranes for (un)loading, fish pump, canning plant, ice gallows, upgrading freeze cap. to 300 t/22hrs, 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.

# DAMEN

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