



DAMEN FACTORY TRAWLER 5012

FACTORY FREEZER TRAWLER

GENERAL

Functions	Stern trawler for bottom and pelagic trawling, processing, freezing and packing of the product, storage on board
Classification	DNV-GL or equal *1A, Stern Trawler, EO, RM

DIMENSIONS

Length o.a.	50.90 m
Length b.p.p.	44.30 m
Beam mld.	12.80 m
Depth to the main deck	5.50 m
Depth to the trawl deck	8.30 m
Depth to the forecastle deck	11.10 m
Draught summer (base)	6.20 m
Factory deck area	300 m ²

TANK CAPACITIES

Fuel oil	250.0 m ³
Fresh water	30.0 m ³
Lubrication oil	6.0 m ³
Bilge water	2.9 m ³
Dirty oil	6.7 m ³
Sewage	6.7 m ³

FISH HOLD CAPACITY

Fish hold (-25°C)	800 m ³
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PERFORMANCES (APPROX.)

Speed (at summer draught)	12.5 kn
Bollard pull (static)	40 ton

PROPULSION SYSTEM

Propulsion power	2400 kW
Gearbox	Reduction, ratio approx. 5:1
Propeller	3400 mm CPP in a nozzle
Rudder	Double plate active
Bow thruster	FPP 185 kW

AUXILIARY EQUIPMENT

Networks	230/440 V 60 Hz
Shaft generator	1250 ekW / 1562 kVA
Main generator sets	2x 500 ekW / 635 kVA
Emergency generator set	1x 90 ekW / 112 kVA

DECK EQUIPMENT

Anchor windlass	For 2x stockless anchor 1425 kg
Deck crane	1x 4 ton SWL at 13 m

FISHING EQUIPMENT

Stern trawl rigging	Single pod stern gantry
Split trawl winches	2x 35 ton, 4000 m, diam. 28 mm wire
Sweep line winches	6x 13 ton, drum 350x2000x1000 mm
Gilson winches	2x 20 ton, 120 m, diam. 30 mm wire
Cod end winches	1x 7 ton, 100 m, diam. 24 mm wire
Outhaul winches	2x 7 ton, 50 m, diam. 16 mm wire
Back strap winches	2x 1 ton, 30 m, diam. 13 mm wire
Net drum winch	1x 7 ton, drum 350x2600x3000 mm

PROCESSING

Processing area with H&G line, filleting line, transport lines

FREEZING

Total freezing capacity 50 tons/24 hours at -40°C in vertical plate freezers

PACKING AND STORAGE

Packing line and storage facilities

ACCOMMODATION

A spacious air-conditioned accommodation for 23 persons. It includes a large wheelhouse with technical space, ship's office, leisure spaces and various stores and workshops.

NAUTICAL, COMMUNICATION, FISH FINDING EQUIPMENT

External communication	GMDSS A3, GSM system, AIS
Internal communication	Intercom
Nautical systems	Gyro compass, radar, autopilot, ECS, DGPS, gyro, echo sounder, speed log
Fish finding systems	Colour fish finder, net sounder

OPTIONS

Classification	Ice class 1B
Increased propulsion power	Speed 13.5 kn; Bollard pull 55 ton
Stern trawl rigging	Ice Gallows
Cranes	Alternative deck cranes
Fishing equipment	Alternative winch arrangement for twin rig trawling
Freezing	Horizontal plate freezers
Navigation systems	ECDIS, Conning
Internal communication	PA, internal telephone system
External communication	Extra X-band radar or S-band radar, satellite data system

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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DAMEN

DAMEN SHIPYARDS GORINCHEM

Member of the DAMEN SHIPYARDS GROUP



Industrieterrein Avelingen West 20
4202 MS Gorinchem

P.O. Box 1
4200 AA Gorinchem
The Netherlands

phone +31 (0)183 63 99 11
fax +31 (0)183 63 21 89

info@damen.com
www.damen.com