



DAMEN KING CRAB FISHER 1600

KCF 1600

GENERAL

Functions	King Crab fishing with cages, on board processing, on board cooking and freezing and storage in a freezer hold KM ⚓, Fishing Vessel, R2, AUT3, ICE3
Classification	

DIMENSIONS

Length o.a.	60.80 m
Length b.p.p.	55.20 m
Beam mld.	14.00 m
Depth to the main deck	7.50 m
Draught summer (base)	4.00 m
Gross cargo deck area	275 m ²
Storage capacity of cages	350 pcs
Cargo deck strength	5 t/m ²
Gross tonnage	<3000 GT

TANK CAPACITIES

Fuel oil	500 m ³
Fresh water	200 m ³
Lubrication oil	10 m ³
Bilge water	20 m ³
Dirty oil	5 m ³
Sewage	20 m ³

FISH HOLD CAPACITY

Fish hold (-18°C)	900 m ³
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PERFORMANCES (APPROX.)

Speed (at summer draught)	10.5 kn
Deadweight at summer draught	1200 ton
Deadweight at service draught	675 ton
Max. deck load with VCG 1 m above main deck	200 ton
Endurance	45 days

PROPULSION SYSTEM

Propulsion	two diesel engines
Thrust system	two azimuth thrusters
Azimuth propellers	CPP, diameter 2100 mm in a nozzle
Propulsion power	2x 925 kW
Bow thruster	250 kW
Bow thruster propeller	FPP, diameter 1100 mm

AUXILIARY EQUIPMENT

Networks	230/440 V 60 Hz
Main generator sets	2x 800 ekW / 1000 kVA
Emergency generator set	1x 60 ekW / 75 kVA

DECK EQUIPMENT

Anchor windlass	For 2x stockless anchor 1440 kg
Capstan	2x 3 ton SWL at 15 m/min
Cranes	2x Knuckle boom cranes each with a capacity of 10 ton SWL at 10 m/min.
Loading/unloading derricks	2x derricks with a length of 8 m and a hoisting winch of 750 kg at 10 m/min.

FISHING EQUIPMENT

A sliding table, an hydraulic tilting platform at SB side, a release gutter for female and juvenile catch.
Two derricks, one with a length of 5 m with a 5 tons power block and one with a length of 2 m with an 8 tons power block, one coiler.
Conveyor belt for transport of the crab to the storage tank.
A tank of 30 m³ for storage of live crab, with lifting bottom.
A crab butchering table with conveyor belt to the factory deck and conveyor belt from the butchering area overboard.
A bait area with bait store.

PROCESSING, BOILING, FREEZING AND PACKING

Processing area with conveyors, survey desks, collecting station, preparation tables, overhead rail system with trolley, processing tables, boiling basin, two cooling basins, brine freezing basin, glazing basin and brine mixing tank.
Packing area with conveyor to the freezing hold.

FREEZING CAPACITY

Total freezing capacity 30 tons/24 hours in brine tanks.

ACCOMMODATION

A spacious air-conditioned accommodation for 37 persons. It includes a large wheelhouse with technical space, ship's office, leisure spaces and various stores and workshops.

LIFESAVING EQUIPMENT

MOB boat with davit on the forecastle deck on PS
Life rafts on main deck one in front of SB recess and one aft of PS recess

NAVIGATION EQUIPMENT

Navigation systems suitable for navigation in Arctic conditions

COMMUNICATION EQUIPMENT

Communication systems according sea area A3

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