

Crab Catcher 5712 Live Storage



» PICTURE OF SIMILAR VESSEL

GENERAL

Basic functions	Crab fishing with conical pots, on-board storage in conditioned water tanks
Classification	RMRS KM ⚓, Ice2 (hull, machinery), AUT3 (REF) Fishing Vessel
Flag	Russian

DIMENSIONS

Length overall	57.67 m
Length b.p.p.	55.37 m
Beam moulded	12.60 m
Depth moulded	7.50 m
Draught	4.60 m
Deadweight	950 t
Cargo deck area	140 m ²

TANK CAPACITIES

Fuel oil (service)	440 m ³
Potable water (service)	31 m ³
Sewage	36 m ³
Lubrication oil	20 m ³

FISH HOLD CAPACITIES

RSW tanks volume (9)	640 m ³
Max Crab storage capacity (190kg/m ³)	120 t

PERFORMANCES

Speed	>12.0 kn
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PROPULSION SYSTEM

Main engine	1x Yanmar 6EY26W
Propulsion Power	1620 kW @ 750 rpm
Gearboxes	Reintjes LAF 1943P

Propellor	Ø2,800mm CPP
Bow thruster	400kW, CPP

ELECTRICAL SYSTEM

Network	230/400 V 50HZ
Main generator sets	2x 650kW/813kVA
Shaft generator	1x PTO/PTI 650kW
Emergency generator set	1x 82kW/103kVA

DECK EQUIPMENT

Anchor system	2x HPP anchor 1300 kg with electric-hydraulic winch
Deck crane	1x Knuckle boom ; 3.5t @ 18.0m

FISHING EQUIPMENT

A pot hauling station is located at SB side, just aft of the deck house. Pots are hauled in with the help of a hydraulic line hauler system and emptied on a sorting table with a release gutter for female and juvenile crabs. The catch is directed via a weighing table and a movable roller conveyor into stainless steel cages, which are stored fully submerged in 9 refrigerated sea water storage tanks. Empty pots are transported to the aft deck where they are stacked and the lines are guided to a line bin at PS of the work deck aft. Near the bait store a hydraulic bait crusher is installed

WATER TREATMENT

RSW system layout	3x Chiller/condenser units, each with 50% of total cooling capacity.
RSW pumps	3x 250m ³ /hr @ 2.5bar (+2°C max, 0°C min)
Bait freezer pump	1x 15m ³ /hr @ 2.0 bar (-18°C)
Air injection system	3x 390m ³ /hr @ 1.7bar
UV sterilizing system	2x 80m ³ /hr, single pass
Deep water filling	1x 100m ³ /hr pump & 200m hose
Refrigerant	Ammonia

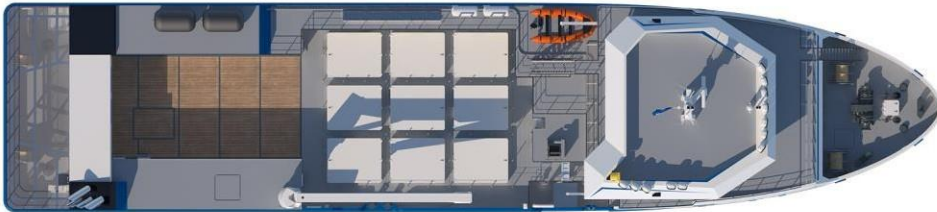
ACCOMMODATION

The vessel is equipped with a spacious, SOLAS compliant, fully air conditioned deckhouse accommodating 24 persons. It includes cabins, service spaces, changing rooms, treatment room and a sauna. Also numerous storage spaces and lockers can be found throughout the whole vessel.

NAUTICAL AND COMMUNICATION EQUIPMENT

Radar system	2x X-band Furuno FAR 2228-BB
Fish finding sounder	1x Furuno FCV-295
GMDSS	Area 3
Electronic Chart system	MAXSEA Chart Plotter
Camera system	CCTV
Remote monitoring	Damen Triton

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