



Fuel efficient, reliable and easy to maintain

SHRIMP TRAWLER 2607

DAMEN



Quality and efficiency, optimised

A brand-new design developed as a basic vessel to fish tropical shrimps. The Shrimp Trawler 2607 offers straightforward simplicity, combined with high quality and efficient fuel consumption.

Research and development

Damen has developed the Shrimp Trawler 2607 to bring increased efficiency to the growing shrimp fishing markets in tropical and subtropical areas, for example in Africa, South America and Asia.

Before commencing with the design of the Shrimp Trawler 2607, Damen undertook thorough research of both the market and available technology. The result is a vessel combining computational fluid dynamics (CFD) with Damen's years of experience.

The Shrimp Trawler 2607 was born. The vessel is ideally suited to the efficient fishing of (sub) tropical shrimp. With an optimised hull and propulsion, Damen has focused on reducing emissions and fuel consumption as much as possible.



The heart of the vessel

The engine room has been positioned aft of the fish hold, thereby shortening the propulsion line without the shaft having to pass underneath the fish hold.



Optimal work space.

The fish hold itself is located under the deckhouse with a positive influence on the trim of the vessel in different loading conditions. Processing and freezing of the shrimp takes place in a sheltered area in the aft of the deckhouse, directly above the entrance of the fish hold. Here, the catch is protected from sunlight and high temperatures and improved logistics are ensured.



Optional extras

The basic vessel is delivered with a Builders Certificate. The strength and plate thickness of the hull and superstructure meet the rule requirements of Bureau Veritas. The vessel can be upgraded to a certain extent with optional extras.

Shrimp Trawler 2607

The Shrimp Trawler 2607 maintains the simplicity, and at the same time, improves the quality of the vessel, with focus on low fuel consumption. The processing area includes a plate freezer for 500 kg, seven stations with storage in the fish hold at -20°C. The living quarters include accommodation for two officers and separate crew accommodation.

90 m³

cubic metres
insulated fish hold

9.5

knots
max. speed*

11.7

tonnes
bollard pull*



DIMENSIONS

➤ Length	26.45 m
➤ Beam	7 m
➤ Draught max	3.45 m
➤ Gross tonnage	149 GT

PERFORMANCE

➤ Propulsion power	440-480 kW
➤ Service speed	9 kn
➤ Fuel oil	97 m ³
➤ Fish hold	90 m ³

EQUIPMENT

➤ Shrimp trawl winch with 2x trawl drum and 1x try net drum
➤ 6 tons @ 50 m/min
➤ Holding power 9 tons



Optimized propulsion train

Damen is specialised in designing high-pull vessels with limited propulsion power, resulting in low fuel consumption. Examples of this include the company's famous Tugs and Beam trawlers.

The characteristics of the newly designed Damen Shrimp Trawler 2607 are in line with existing vessels, though with an optimised propulsion train. More specifically, this includes the propeller, nozzle, skeg and rudder.

Low fuel consumption

During a fishing trip of 60 days, the vessel is trawling for 70% of the time. During trawling 76% of fuel consumption takes place. The Damen Shrimp Trawler has a service speed of 9 kn with a propulsion power used of 245 kW, consuming 62 liter of fuel per hour.

Fishing at a speed of 2.5 kn the vessel uses 270 kW and has a fuel consumption of 66 liter per hour.*



For the Shrimp Trawler this has resulted in an aft ship with enlarged propeller diameter. A high-catch nozzle is applied together with a streamlined balance rudder and streamlined skeg.

* **Disclaimer:** The values of fuel consumption, speed, pull and used propulsion power stated are based on the average results of the measurements during the sea trials. No rights can be derived from the above values.



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