

# SPECIFICATION.



Built 2012, Damen

Length 35.8m (117.5ft)

Beam 7.3m (24.1ft)

Draft 2.6m (8.5ft)

Gross tonnage 174

Cruising speed
16 knots

Maximum speed 28 knots

Range 1,000 nm

Flag Cyprus

Class

Bureau Veritas

Exterior designer

Damen



Interior designer

Damen



Construction
Hull - Aluminium, Superstructure - Aluminium



Crew



Engines
3 × 1,400hp Caterpillar

View yacht on website











## **OVERVIEW.**

Since the eighties, Damen and Delft University of Technology have cooperated in a research programm aimed at improving the seakeeping characteristics of high-speed vessels. In the nineties, this cooperation produced the "Enlarged Ship Concept" on which the highly successful Stan Patrol 4207 and 4708 are based. In the beginning of the 21stcentury the "Axe Bow Concept" was developed, a hull shape with unparallelled seakeeping characteristics. Based on this concept, Damen has developed the "Sea Axe" Patrol Vessels and Fast Crew Suppliers.

The Enlarged Ship Concept was the starting point for more innovative solutions. The design philosophy behind the Enlarged Ship Concept was taken even further with the introduction of the Axe Bow Concept. This concept was developed in the beginning of the 21st century together with Delft University of Technology, MARIN and the US Coastguard. The revolutionary hull shape has unparallelled seakeeping characteristics.

The Sea Axe concept is also proving itself when it comes to sustainability because of the dramatic reduction in wave resistance. This unique innovation was developed for high-speed vessels initially to improve operability and for the comfort and safety of the crew. Fuel usage is cut by 20% because of the optimisation of the hull form in real operating conditions. Sea Axe vessels have superior motion behaviour, much lower resistance, improved fuel consumption and consequently, lower emissions.

### **Key features**

From award winning Damen group
Impressive stability in rough seas
Support vessel platform, easily customizable
Accommodation for six crew
Fuel usage cut by 20% due to innovative hull form

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Last updated: 01 March 2024