



CLASSICA 37

ITALIAN VESSELS
CANTIERI NAVALI

SAMARELLI
Naval Architect and Marine Engineer



Overview

CASE STUDY:

CLASSICA 37 YACHT
VITELLI SRL - ITALY

PRODUCT:

Main propulsion engines:
2 x Baudouin 12M26.3 SCR

CLASSIFICATION SOCIETY:

IMO III | EPA 4

DUTY:

P4 Light Duty

POWER OUTPUT:

2 x 1200 HP @ 2300 RPM

APPLICATION:

Pleasure Boat

PARTNERS:

Distributor:
VITELLI SRL
Shipyard:
ITALIAN VESSELS

The ClassicA line encompasses the classical yacht line, but also presents modern characteristics, making it a very interesting mix. The designer Francesco Samarelli, who took care of the engineering and the external lines, transferred the design of commercial ships to this line, defining the “ClassicA”, a “ship disguised as a yacht”. The first unit of the series ClassicA 37 meters is powered by Baudouin engines.

Moteurs Baudouin, through its Italian distributor Vitelli SRL, has supplied two 12M26.3 SCR propulsion engines. These engines will be installed in the 37-meter luxury yacht that embodies the perfect blend of classic elegance and modern technology. This case study explores the specifics of the ClassicA 37 project, highlighting the design, features, and technical specifications of the yacht, as well as the role of Moteurs Baudouin’s engines in enhancing its performance and reliability.

The ClassicA 37 combines classic elegance with modern luxury. This explorer-type vessel features a sleek silhouette with a sun deck jacuzzi, built-in sun pads, and an open teak-finished deck. Safety is ensured with higher moulded bulwarks and added rails. The beach club at the stern includes comfortable lounging space, built-in seating, tables, and an enclosed shower. The interior, designed by Francesca Cianficconi, blends marble, light hues, and state-of-the-art entertainment systems, accommodating up to 10 guests in five luxurious suites.

Powered by two 12M26.3 SCR engines from Baudouin, each developing 1200 horsepower at 2300 rpm, the ClassicA 37 ensures powerful propulsion and fuel efficiency. These engines are renowned for their reliability and compliance with stringent environmental standards, significantly reducing nitrogen oxide emissions through advanced SCR technology, meeting IMO III, EPA Tier 4, and EU Stage V standards. This enhances environmental performance and minimizes combustion-related noise, contributing to a quieter onboard experience.

The engines provide the yacht with impressive speeds between 13-15 knots, crucial for long-distance cruising. Baudouin's SCR systems are compact and flexible, easily integrated into the yacht's propulsion line. This adaptability is vital for both repowering and new builds, offering various mounting configurations to suit different vessel designs. The optimized maintenance schedule aligns with the engine, enhancing long-term performance and reducing operational costs.

The partnership between Moteurs Baudouin and Italian Vessels exemplifies the synergy between advanced engineering and luxurious yacht design. The ClassicA 37, with its blend of classic design and modern technology, enhanced by the robust performance of Baudouin engines, represents a pinnacle of contemporary yacht manufacturing. The emphasis on eco-friendliness, safety, and comfort makes this yacht a standout in the luxury yachting market.

Client testimonial

“Working with Baudouin has been an outstanding experience for us. Their engines consistently deliver top-notch performance and reliability across various marine applications. The advanced SCR technology meets environmental standards, which is crucial for our commitment to sustainability.

Our collaboration has been seamless and productive”

Claudio Vitelli, tecnico/commerciale at Vitelli SRL

