



## Overview

**CASE STUDY:**

M/S SCORPIOS – BLUEPOWER D.O.O. – CROATIA - 2023

**PRODUCT:**

2 x Baudouin 6M26.3 SCR propulsion engines

**CLASSIFICATION SOCIETY:**

IMO III

**DUTY:**

P2 Heavy Duty

**POWER OUTPUT:**

2 x 750 HP @ 2100 RPM

**APPLICATION:**

Pleasure boat – Sailing superyacht

**PARTNERS:**

Distributor:

BLUEPOWER D.O.O.

Shipyard:

RADEZ DD / Tramontana Yachts

Customer:

OTIUM YACHTS

**M/S SCORPIOS** is a 52-meter luxury sailing yacht launched by Radez / Tramontana Yachts, powered by Baudouin engines supplied by Bluepower D.O.O. in Croatia. This case study details the yacht's design, features, and technical specifications, emphasizing the role of Baudouin's engines in achieving high performance and reliability.

SCORPIOS showcases a timeless design with modern luxuries. The yacht features a beach club, jacuzzi, and a wide range of water sports equipment. Designed for comfort and style, the yacht accommodates up to 12 guests in six elegant staterooms, with interiors characterized by light-filled spaces, herringbone woodblock flooring, and soft, neutral tones. The exterior profile is dramatic, enhanced by a dark hull and sleek lines.

Powered by two Baudouin 6M26.3 SCR propulsion engines, each delivering 750 horsepower at 2100 RPM, SCORPIOS achieves a cruising speed of 10 knots and a maximum speed of 14 knots. These engines are known for their reliability, efficiency, and compliance with stringent environmental standards, significantly reducing nitrogen oxide emissions through advanced SCR technology, meeting IMO III. The engines ensure powerful propulsion while maintaining fuel efficiency, crucial for long-distance cruising.

The advanced SCR technology employed by Baudouin engines significantly reduces NOx emissions by injecting a urea-based solution into the exhaust stream, converting NOx into harmless nitrogen and water vapor. This technology not only enhances environmental performance but also minimizes combustion-related noise, contributing to a quieter onboard experience. SCR system allows meeting IMO III, EPA Tier 4, and EU Stage V standards.

The engines' compact and flexible design allows easy integration into the yacht's propulsion line, essential for both repowering and new builds, offering various mounting configurations to suit different vessel designs.

The collaboration between Bluepower D.O.O. and Tramontana Yachts, facilitated by Baudouin's cutting-edge engines, exemplifies the synergy between advanced engineering and luxurious yacht design. SCORPIOS stands out in the luxury yachting market for its blend of classic design and modern technology, enhanced by the robust performance of Baudouin engines. The yacht's emphasis on eco-friendliness, safety, and comfort ensures an exceptional sailing experience for its guests.

**Client testimonial**

“Collaborating with Baudouin has significantly elevated our projects. The M26.3 SCR engines have proven to be exceptionally reliable and efficient, meeting the highest standards of environmental compliance. Their advanced technology and seamless integration have been pivotal in ensuring the superior performance and sustainability of our vessels. The support and expertise from Baudouin have been invaluable to our operations.”

**Manager at Bluepower D.O.O.**

