

GEMINI MARINE

STREAMLINING DESIGN AND ANALYSIS FOR RELIABLE RIB DEVELOPMENT



ABOUT

Established in 1979 and based in Blackheath, Cape Town, **Gemini Marine** designs and manufactures a comprehensive range of rigid inflatable and inflatable boats for many of the world's rescue, military, and patrol entities.

The company's product portfolio is focused on these operational users, reflecting decades of boatbuilding expertise in South Africa.

Today, Gemini Marine continues to serve these sectors with a broad range of RIBs and inflatable craft.

CHALLENGE

Before adopting SOLIDWORKS, Gemini Marine faced challenges with maintaining design consistency across projects, as well as limitations in performing strategic and structural analysis.

This affected both the functionality and overall quality of our products.

SOLUTION

Implementing **SOLIDWORKS Premium**.

RESULTS

- Validated designs earlier, improving accuracy from the first design stage.
- Identified potential issues sooner, enabling proactive pre-production fixes.
- Standardised workflows, improving precision and consistency across projects.
- Enhanced communication, strengthening team and client confidence in designs.

“ Every design we've completed using SOLIDWORKS can be considered a success story. The software has enabled us to create highly realistic models and perform accurate analyses. ”

Mark Robertson
Design and Development