



UNIQUE CHALLENGES: **ENGINEERED**



**PROVIDING
COMPOSITE MARINE
SOLUTIONS FOR THE
SUPERYACHT SECTOR**

DELIVERING HIGH-PERFORMANCE COMPOSITE SOLUTIONS

We provide clients with access to a unique team of composite experts and world-leading engineering design capabilities and manufacturing resources.

Through a systematic engineering led approach, with proven expertise in the application of composite technology, we design and manufacture specialist composite structures and components that meet some of the most demanding structural requirements.





We can provide engineering design and manufacture composite solutions for:

- Composite cranes with greater spans
- Lightweight communication masts and radar platforms
- Lightweight yacht superstructures
- High strength, lightweight helidecks
- World's tallest freestanding superyacht rigs
- Lightweight solutions for superyacht extensions and modifications
- Super strong, lightweight and corrosion resistant shell doors, stern platforms and hull balconies
- New builds and refit superyacht projects where weight and stability is an issue

BENEFITS OF COMPOSITES FOR DESIGN AND CONSTRUCTION

STRENGTH

High strength to weight ratio

LONGEVITY

Much longer lifespan than conventional materials

LIGHTWEIGHT

High performance, ease of handling, energy efficient

SHAPE

Dynamic, fluid shapes possible

SCALE

Higher, wider, stronger, self-supporting structures achievable

FATIGUE RESISTANCE

Much greater resistance to fatigue than metals

CORROSION RESISTANCE

Exceptionally durable in harsh salt-water and chemical environments

EXTREME TEMPERATURES

Low thermal expansion and contraction, high dimensional stability and low thermal conductivity

EXTREME PRESSURES

High-performance internal and external pressure containment

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SUPERYACHT UK


Composites UK
Member Company

