

# Omni Tanker



## COMPANY OVERVIEW

Omni Tanker - advanced capabilities in carbon fibre composites and thermoplastics. Core business is the design, prototype, certification and manufacture of specialised tanks for transport and storage of high consequence liquids and gasses.



## CAPABILITY OVERVIEW

- Design and Analysis of advanced composite structures
- Filament winding large dia. carbon fibre or glass fibre tank & pipe
- Vacuum resin infusion
- Thermoplastic forming (vacuum forming and rotational moulding)
- Mild and Stainless Steel & Aluminium engineering and fabrication.
- 5 axis waterjet cutting
- Engineered polymer and metallic pressure piping systems

## QUALITY CERTIFICATIONS

- ISO 9001:2015 Accredited (Quality System)
- ISO 3834-2:2005 Accredited (Metallic Welding)
- US DOT Pipeline & Hazardous Materials Safety Administration
- German Federal Institute for Materials Research and Testing (BAM)
- Lloyd's Register (Marine Craft & Container Transport)
- NSW Environmental Protection Agency



## KEY PARTNERS

- University NSW – Mechanical and Manufacturing Engineering
- ARC – Automated Manufacture of Advanced Composites
- UN Transport of Dangerous Goods (Sub-Committee Members)

## COMPETITIVE DISCRIMINATORS

- **Specialist expertise for composites materials and products**
- Design CAD modelling and Finite Element Analysis (ANSYS)
- Concept to prototype testing and production
- Patented composite materials technology thermoplastic-thermoset
- Storage and transport vessels with exceptional chemical resistance
- Advanced testing capabilities composite structures (NDT and DT)
- CSC testing facility Lloyds Register approved and off-site tail testing facilities in accordance with ISO1493-3 Amendment 1
- Certified German Federal Institute Materials Research & Testing (BAM)
- Certified US DOT 49 CFR 178



## KEY CUSTOMERS

- **Coogee Chemicals / Toll Mining / Chemtrans / McColl's Transport** Omni Tanker is the equipment of choice for transport of corrosive chemicals by major transporters in the Australian and NZ market.
- **Eurotainer.** Omni Tanker ISO Tank containers for shipment and storage of corrosive chemicals worldwide.
- **Lockheed Martin.** Design, analysis, testing and production of new technology prototype tanks for cryogenic liquids.

## CONTACT DETAILS

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