

# MACKAY DEFENCE



LAND



SEA



WEAPON  
SYSTEMS

## OVERVIEW

- Rubber and composites manufacturer encompassing: design, development, manufacture and through life support.
- 100% Australian family owned, with 85 years of rubber experience.
- Manufacturing locations: Australia and Thailand.

## CAPABILITIES

- Process types: Extrusion, Compression, and Injection Moulding.
- Custom fabrication with autoclave facilities (up to Ø1.8 x 6 metre).
- Moulding press capacity ranging up to 1,000 tonne, capable of producing parts 2.4 x 1.5 metre.
- Specialist hand build competency and off-site secure fitments.
- In-house material formulation development, mixing and compounding.

## DISCRIMINATORS

- Technical Services: a key solution provider encompassing: mathematical modelling and product development – we do difficult.
- Expertise in rubber compound development, tailored to specific applications.
- Trusted partner of the Defence Science and Technology Group (DST Group) developing enhanced products.
- Management and protection of IP (customer and Mackay).
- DISP members and ITAR/EAR compliant with approved secure manufacturing facility.
- Key employees vetted by Australian Government Security Vetting Agency (AGSVA).
- Unique materials from globally sourced suppliers e.g. aeronautical grade materials: ablatives, pre-preg, and adhesives.
- Advanced manufacturing and assembly in environmentally controlled facility.
- NATA certified laboratory.
- Specialist equipment: Rubber Processing Analyser (RPA) and 3D laser non-contact scanning.
- Experienced Exporter: USA, Singapore, Middle East, China, New Zealand and Europe.

## KEY CUSTOMERS

- 20+ year relationship with key customers.
- BAE Systems (US): ESSM Mk25 Forward and Aft Closures.
- BAE Systems (Aus): ESSM & Nulka – Internal and external components.
- Australian Submarine Corporation (ASC): Collins Class Submarine.
- ASC: AWD, various rubber products.
- Singapore Technologies Kinetics (STK): Bionix – complete track systems (incl tracks, road wheels, pads, support rollers), seals, mounts, hosing.
- Capability Acquisition and Sustainment Group (CASG): M113 - tracks pads, ballistic track shrouds, rubber mats, track tool kits.
- Department of Defence (DoD): Various COTS products.

## KEY PARTNERS

- Defence Science and Technology Group (DST Group)
- ASC: Technical Support Agency (TSA)
- Taica (Alpha GEL Products)
- Leap Australia

## QUALITY APPROVALS

- AS/NZS ISO9001:2015
- ISO/IEC 17025:2005 (NATA approved Laboratory)
- AS/NZS ISO14001:2015

## CONTACT DETAILS

**Mackay Consolidated Industries Pty. Ltd.** ABN 72 006 962 401

**Australia:** p. +61 3 9555 6500 f. +61 3 9276 8882

e. [sales@mackayrubber.com.au](mailto:sales@mackayrubber.com.au) w. [www.mackayrubber.com.au](http://www.mackayrubber.com.au)  
894 Taylors Road, Dandenong South Victoria 3175 Australia



**LOCALLY MANUFACTURED AND GLOBALLY EXPORTED**