

T.W.Woods Tomago Defence Quad Chart

COMPANY / CAPABILITY OVERVIEW

Since 1966 – a 3rd Generation resilient family engineering business based in Tomago, NSW built through diversification:



- Purpose built Fabrication, Blast and Paint facilities strategically placed for supporting Defence with Hunter River access and 10 minutes to RAAF Base Williamtown NSW.
- Project and Contract Management to ISO 10005 Quality Plans.
- Process Based Risk Management Systems including Cybersecurity, M1- ERP, Safety and Certified Quality System.
- Skills trades development with Trade Apprenticeship Pathways

Industry Leadership:

- Chair of Ai Group Hunter Industry Leaders Council and Hunter Defence Industry Task Force Member.
- Recipient of CDIC and Energy Saving Grants.
- 10th Hunter Defence Industry 2019 Showcase Hunter Company

CAPABILITY

- CAD/CAM Hi-Definition Plasma Cutting up to 4M x 15M, cuts 60mm thick
- Medium-Heavy Steel Fabrication
- 4500m2 fabrication workshop
- Wear & Impact Resistant Plate
- Discrete Element Modelling
- 3D modelling, FEA, NDT
- Pressing – 6M x 1000T
- Rolling – 1000T, 3.2M, 150mm thick
- Specialist Welding – MIG, SubArc, TIG
- Abrasive Blasting – 2 chambers - 800m2
- Industrial Coatings – incl 360m3 Bake Oven



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COMPETITIVE DISCRIMINATORS

Naval Shipbuilding and Maritime - 50 years experience including projects as:

- Forgacs AWD Project, Mini Submarine, Ferry Superstructures, State Dockyard, Customs Launches projects completed.
- ADI Minehunter program NSW
- Anzac Frigate Project NSW
- Pressure Vessel Maintenance & Repair

Vertical Integration: In-house Design, Manufacture to Blast & Paint

- Bulk Materials Flow Design Optimisation, Transfer Chutes, Hoppers and Wear Materials specialists.
- Unique Pressing & Rolling capabilities.
- River frontage for barge landings

CERTIFICATIONS / ACCREDITATIONS



QMS Certification Services



Hunter Manufacturing Awards Finalist for 8yrs

CUSTOMERS AND PARTNERS

- Varley/Thales Army Camouflage Container Painting
- RAAF Williamtown Fabrication
- Forgacs AWD Program
- Border Protection Patrol Boats
- Carrington Slipways
- Waterways wharf and pier projects
- UoN and PWCS alliance for Coal Ship Loader optimisation project



Partners:

- Skala partnership innovating Recycling plant construction
- Chute Technology/TES partnership in design optimisation
- Arcosteel / Hardox Wear plate & Armour Plate materials alliances
- Overhaul specialists for majors including PWCS, NCIG, Yancoal, Glencore, Centennial, Delta Electricity, Waterways, Bingo,
- Product Innovation with Slashertek in roadside equipment