

Stärke Advanced Manufacturing Group specialises in turnkey solutions for design, prototyping, complex precision machining, tooling and fabrication projects, delivering full product and system assemblies.

We are **100 % Australian owned**, with manufacturing facilities based in South Australia and Michigan USA and have local supply chain partners for electronics, injection moulding, painting and coatings.

CAPABILITIES

- Ultra-low tolerance, small to very large part up to 8-meter CNC machining equipment and CMM (± 3 micron)
- Composite and alloy material 3D Printing and processing including carbon fibre, titanium and Inconel
- Laser cutting to 20mm stainless steel and 25mm carbon steel and turret punching for repetitive perforated designs
- Welding (including fine laser welding) to quality specification AS1554.1 SP for complex fabrication assemblies across a range of materials including exotic metals
- Painting, powdercoating and surface preparation to defence specifications
- Product assembly, and assembly system design and manufacture
- Tool design and manufacturing of injection moulds, die-casting and hot and cold stamping tools, including multi-cavity, low and high-volume production tools
- Product R&D, CAD/CAM, prototyping, testing and project management, through to volume production, through-life service and support for long life-cycle projects

SOME OF OUR CUSTOMERS



VISY

THALES



babcock

BAE SYSTEMS

MICRO-X

ORBITAL



ASC



Cooper

DISCRIMINATORS

- Over 50 years of experience in project management and through life support, collaborating with Defence Primes and their suppliers
- Over 150 qualified professionals employed covering a range of skill sets with strong defence project experience
- Constant re-investment in our people, equipment, and facilities multiple successful grant applications to invest in capabilities
- Rigorous Quality and MRP systems to control all facets of product design and Manufacture
- Single components through to full assemblies and assembly systems
- An established, reliable network of local & international suppliers for manufacturing resources, and access to validated global supply chains

KEY MARKETS

- Defence
- Aerospace
- Marine
- Mining
- MedTech
- AgTech
- Automotive
- Industrial Assembly
- Oil and Gas

QUALITY CERTIFICATION

ISO9001:2015
AS9100D certification
ITAR Approved
DISP member

