

Local Knowledge Global Reach


Your trusted supply chain partner for
castings, forgings and fabrications.

Castech Solutions team specialises in sourcing Castings, Forgings, Machined and Fabricated components or assemblies at highly competitive prices.

Combining local expertise with a reliable network of global, pre-qualified manufacturing partners, Castech consistently delivers on its promise of exceptional quality and value.

100 YEARS OF
EXPERIENCE





Castech Solutions goal is to surpass your expectations by providing reliable products and service through innovative, cost-effective global sourcing, coupled with decades of experience.

We understand that as a link in your supply chain, Castech must add tangible value.

We achieve this by continuously refining our processes, upskilling our manufacturing partners and team and exploring innovative ways to enhance your existing products, reducing costs while improving performance.

With decades of experience in casting, forging, fabrication, and machining, we deliver the most efficient production methods for manufacturing your products, to Australian, British, ASTM and other international standards. We supply castings and forgings from 0.1 kg to >100 tonnes, catering to both small and large production volumes.

Manufacturing Excellence

We collaborate with the most qualified, experienced and well-equipped manufacturing partners, selecting those best suited to meet the unique requirements of each project. Our comprehensive manufacturing capabilities include:

- **Melting Processes**
 - Induction
 - Electric arc
 - AOD (Argon Oxygen Decarburisation)
 - VOD (Vacuum Oxygen Decarburisation)
- **Moulding Techniques**
 - Semi automated (fast-loop) resin bonded moulding
 - Investment castings
 - High-production green sand moulding
 - High-pressure and gravity die casting
 - Centrifugal casting
 - Replicast (lost foam)
- **Forging Capabilities**
 - Open and closed die forging
 - Free forging
- **Machining Options**
 - Manual machining
 - CNC machining leveraging off "Lean Manufacturing" methods
- **Fabrication Expertise**
 - Sheet metal fabrication
 - Heavy plate and section fabrication
 - Pressing and rolling

Quality Commitment

Understanding the product requirements and service conditions is the foundation of everything we do at Castech Solutions. As an ISO 9001-certified business, we have built strong partnerships and implemented advanced quality systems with our manufacturing collaborators to ensure that every product not only meets but exceeds customer expectations.



Our manufacturing process is guided by Castech's comprehensive Product Specifications, detailing every aspect of production, including:

- Material properties
- Manufacturing processes
- WIP testing and inspection
- Pre-delivery Inspection
- Packaging standards
- MDR's

To maintain consistent quality, our qualified inspectors conduct in-process quality audits and rigorous inspections/testing before dispatch, ensuring full compliance with your products unique specification and requirements.

The strength of Castech lies in our people. Recognised for their extensive expertise in foundry and material engineering, our team applies accumulated knowledge in collaboration with manufacturing partners to deliver competitive, high-quality products.

Our Australia and China-based team includes specialists in drafting manufacturing, metallurgy, engineering, non-destructive testing, technical support, finance, sales, logistics, and shipping, ensuring seamless end-to-end solutions for our valued clients.



HAVE A QUESTION?

We are here to help!

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