



YOUR EXPERT PARTNER FOR ALUMINUM CASTING

We are a leading aluminum foundry for low pressure and permanent mold castings for North America and beyond.

Why Ramsden?

Our strong operational capabilities are reflected in our ability to communicate and problem solve with our customers at an expert level.

- **Advanced capabilities:** in-house simulation, tooling design and build, real-time process data, automation, quality assurance
- **Deep expertise:** decades of industry knowledge combined with the latest software and technologies
- **Collaborative approach:** open and ongoing communication

We have been casting quality parts and leading the evolution of our industry since 1946.

THE FLEXIBILITY YOU NEED, THE PERFORMANCE YOU DESERVE

Want to discuss your casting requirements with a specialist or request a quote on your project?

Contact us today at info@ramsden.ca or +1.519.451.6720

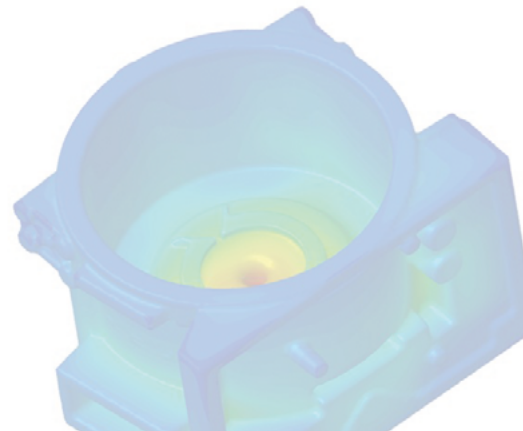
Services

From pre-production technical development to post-production quality control, we work closely with you to achieve your functional, performance, and business needs.

Process design

All casting projects at Ramsden start with a 3-stage planning and design process, which makes development faster, saves time for customers, and produces higher quality parts.

- **Design support:** We design for manufacturability (DFM) considering the fit, form and function of the part.
- **Process simulation:** We use simulation tools to develop and test virtual processes for manufacturing the part.
- **Product realization:** Prior to moving into production, we bring the part to life by implementing and adjusting the manufacturing plan to ensure we end up with a robust and repeatable manufacturing process.



Casting processes

- Low pressure
- Permanent mold
- Semi-permanent mold
- Castings up to 100kg

Heat treating

Advanced heat treating capabilities to meet specific structural, strength, and performance requirements.

Testing & inspection

Testing and inspection capabilities (e.g. X-ray, material testing) to meet the highest quality standards.

Key industries

We partner with customers in key global industries, providing high-performance aluminum parts for your processes and products.

- Industrial
- Robotics & automation
- Rail equipment
- Commercial
- Defense
- Transportation
- Agriculture
- Energy

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