



Shaping the casting
industry since 1946

YOUR EXPERT PARTNER FOR ALUMINUM CASTING

We have been a leading aluminum foundry for permanent mold and semi-permanent mold castings in North America for 8 decades and counting.

WHY RAMSDEN?

Our ability to communicate, collaborate, and problem solve with our customers at an expert level is second to none. With nearly 80 years in operation, we've built our reputation on:

Advanced capabilities

Simulation, tooling design, real-time process data, automation, quality assurance

Deep expertise

Decades of industry knowledge and experienced leadership combined with the latest software and technologies

Collaborative approach

We work hand-in-hand with our customers as an operational partner to ensure a successful manufacturing process

SERVICES

From pre-production technical development to post-production quality control, we collaborate closely with you to achieve your functional, performance, and business needs. We are also available to answer questions, offer strategic input, or suggest modifications that may improve quality or reduce costs.

PROCESS DESIGN

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

- 1

Design support:

When you provide us with a part design, our first step is to work with you to analyze part manufacturability so we can provide suggestions to reduce complexity and cost.
- 2

Process simulation:

We use simulation tools to develop and test virtual processes for manufacturing the part to determine the best path forward.
- 3

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.

HEAT TREATING

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

CASTING PROCESSES

- 1

Permanent mold
- 2

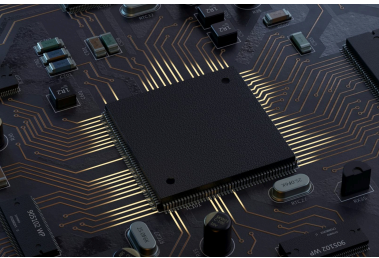
Semi-permanent mold
- 3

Low-pressure permanent mold
- 4

Tilt pour permanent mold

KEY INDUSTRIES

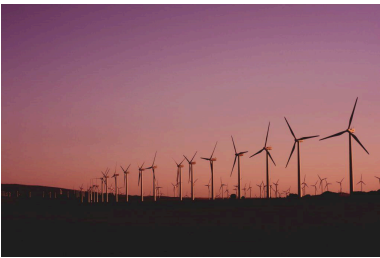
We partner with customers in key global industries, providing high-performance aluminum parts for your products.



Semi-Conductors



Robotics & Automation



Energy



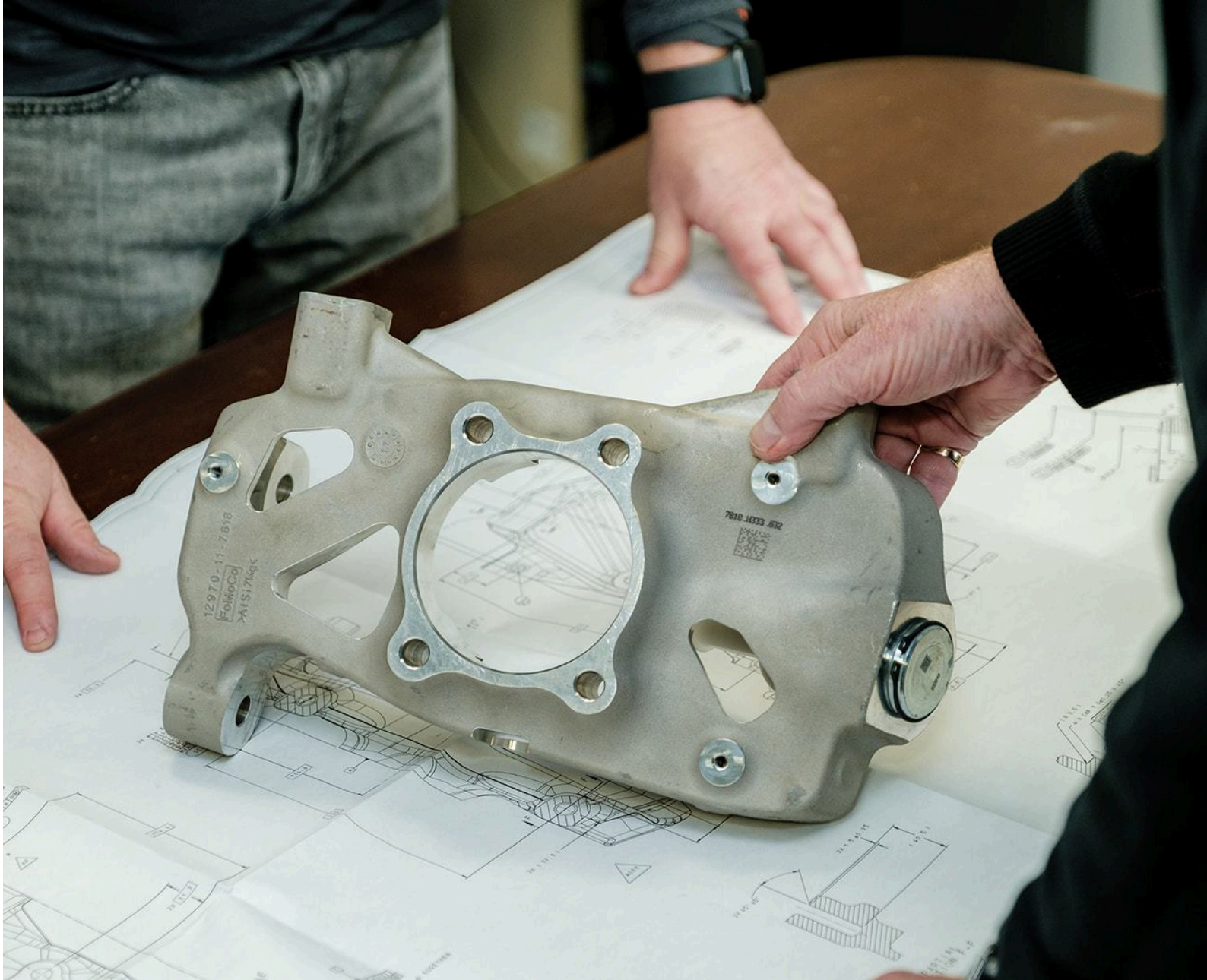
Infrastructure



Commercial



Food & Agriculture



**THE FLEXIBILITY YOU NEED,
THE PERFORMANCE YOU DESERVE**

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