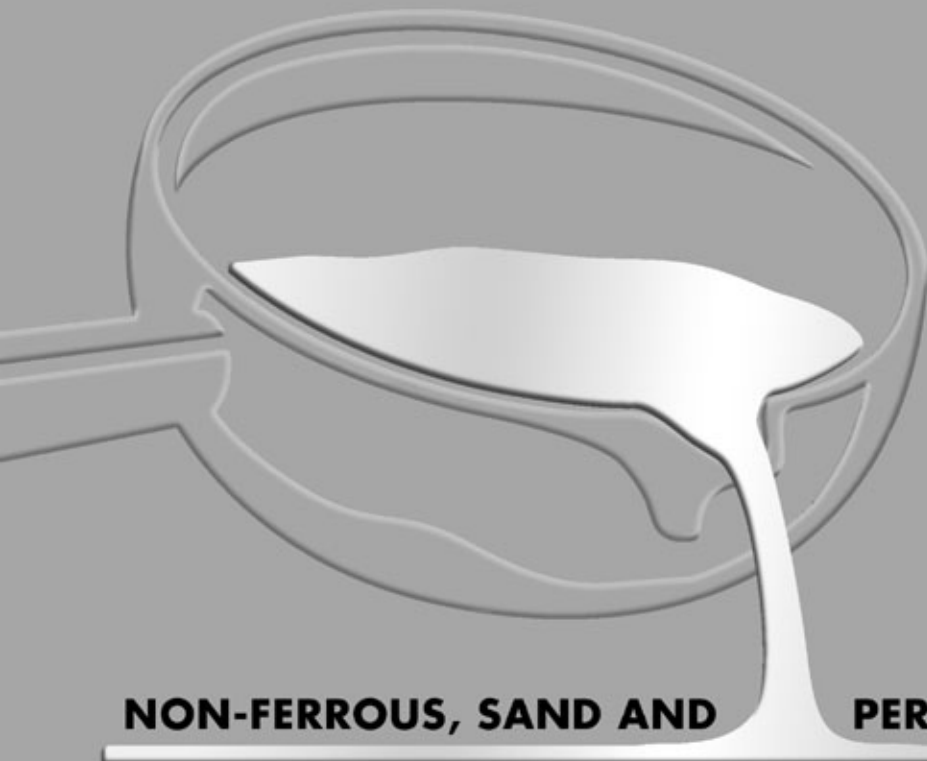


# WAF

**WISCONSIN  
ALUMINUM  
FOUNDRY  
COMPANY, INC.**



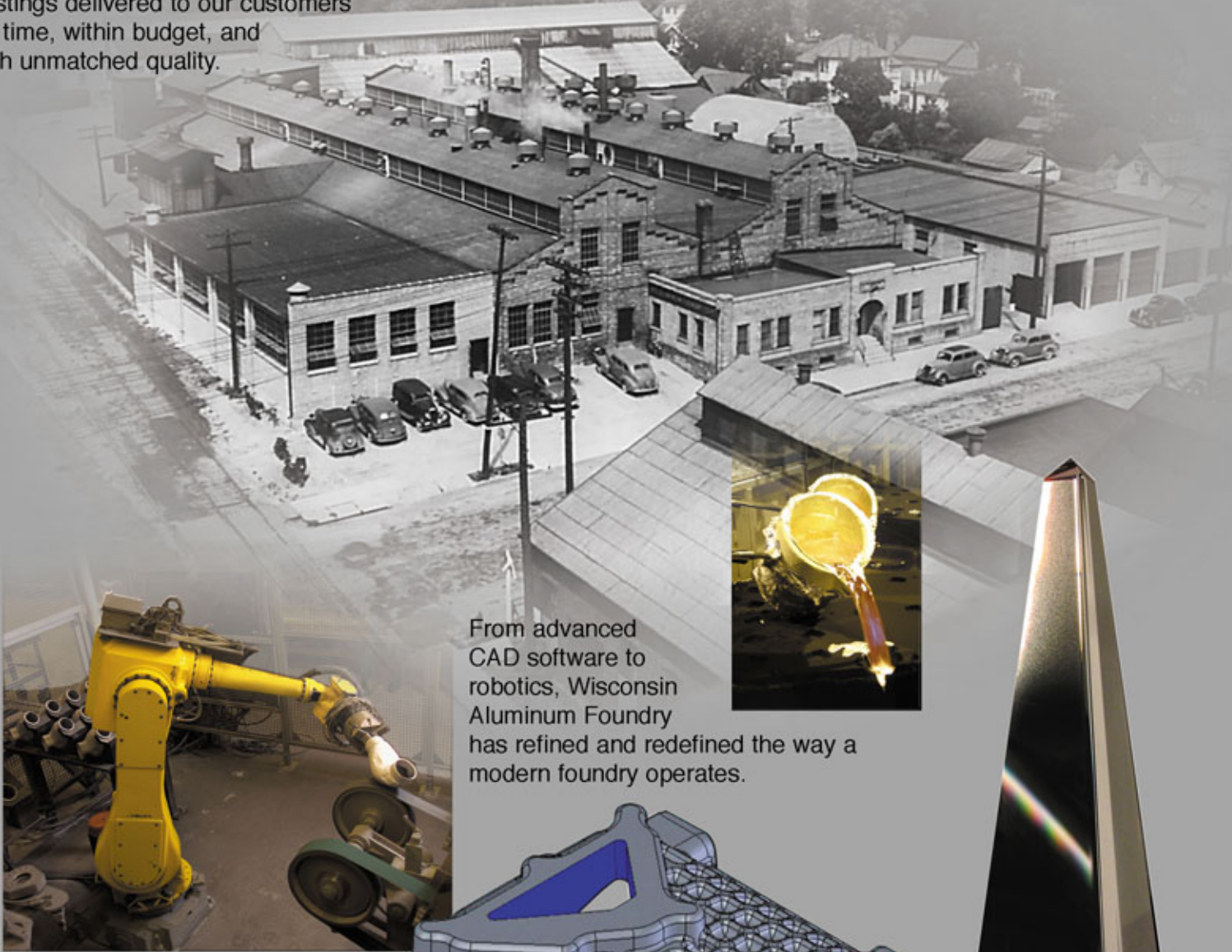
**NON-FERROUS, SAND AND**

**PERMANENT MOLD CASTINGS**

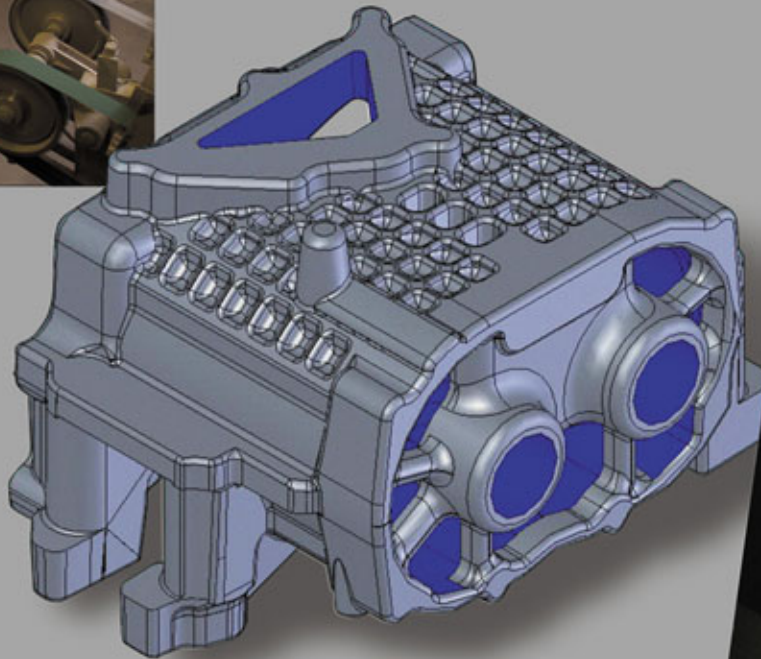
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# W E L C O M E

Founded in 1909, Wisconsin Aluminum Foundry has been an industry leader in non-ferrous castings for almost 100 years. Although some of the original buildings are still standing today, it's what goes on inside these buildings that sets Wisconsin Aluminum Foundry apart from the competition. In order to remain competitive in today's fast paced business environment, we have continuously updated every process throughout the foundry, to get the finished castings delivered to our customers on time, within budget, and with unmatched quality.



From advanced CAD software to robotics, Wisconsin Aluminum Foundry has refined and redefined the way a modern foundry operates.



At Wisconsin Aluminum Foundry, we understand that at the heart of what we do, is the people who do it. We are very proud of our employees, and rely on their skills and ingenuity to provide our customers with the best possible castings.

It's this commitment to our employees, as well as our customers, that has earned us the prestigious Wisconsin Manufacturer of the Year award. Let us demonstrate what Wisconsin Aluminum Foundry can do for you.





# ENGINEERING & QUALITY ASSURANCE

Our professional staff works closely with customers from the beginning of the project to turn their ideas into a line-ready part. Utilizing a comprehensive approach to engineering and quality assurance, we ensure the finished castings meet your timelines and expectations.



## GREEN SAND PROCESS

Repeatability. Flexibility. Consistency. The Green Sand process accommodates a wide range of volumes - from just a few prototypes to ten's of thousands of castings. Customers are provided with the widest range of options in alloys, volumes and sizes.



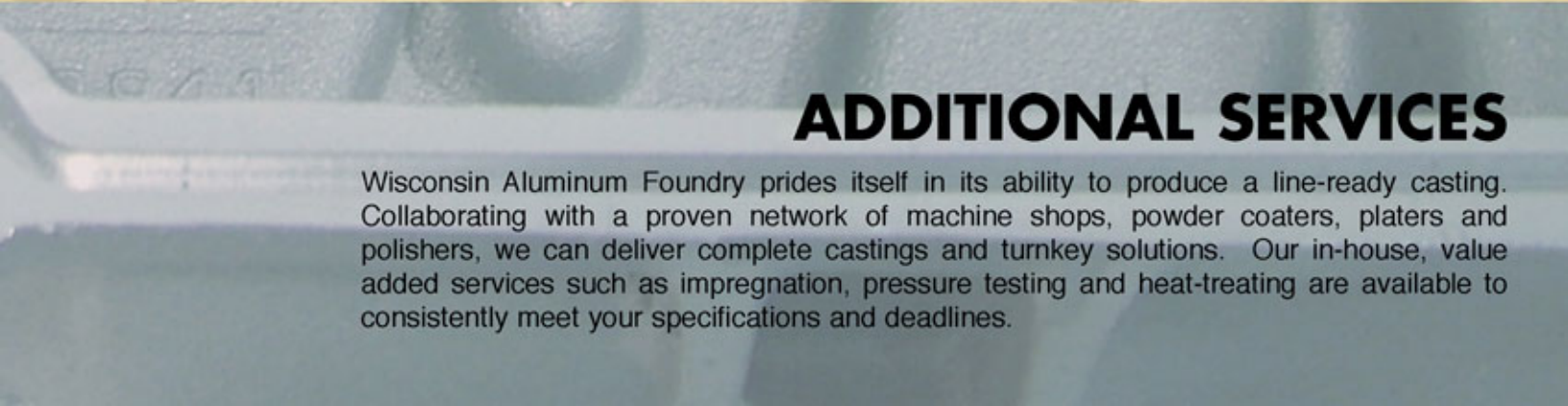
## PERMANENT MOLD PROCESS

The Permanent or Semi-Permanent Mold process can utilize our full range of shell and cold box cores to provide the dimensional repeatability and strength necessary for your casting needs, ranging from small fittings to heavy duty truck parts.



## DRY SAND PROCESS

From prototype to production castings, the Dry Sand process provides accuracy, reliability and performance. This highly technical process can accommodate multiple cores while still delivering accurate, metallurgically sound parts.



## ADDITIONAL SERVICES

Wisconsin Aluminum Foundry prides itself in its ability to produce a line-ready casting. Collaborating with a proven network of machine shops, powder coaters, platers and polishers, we can deliver complete castings and turnkey solutions. Our in-house, value added services such as impregnation, pressure testing and heat-treating are available to consistently meet your specifications and deadlines.

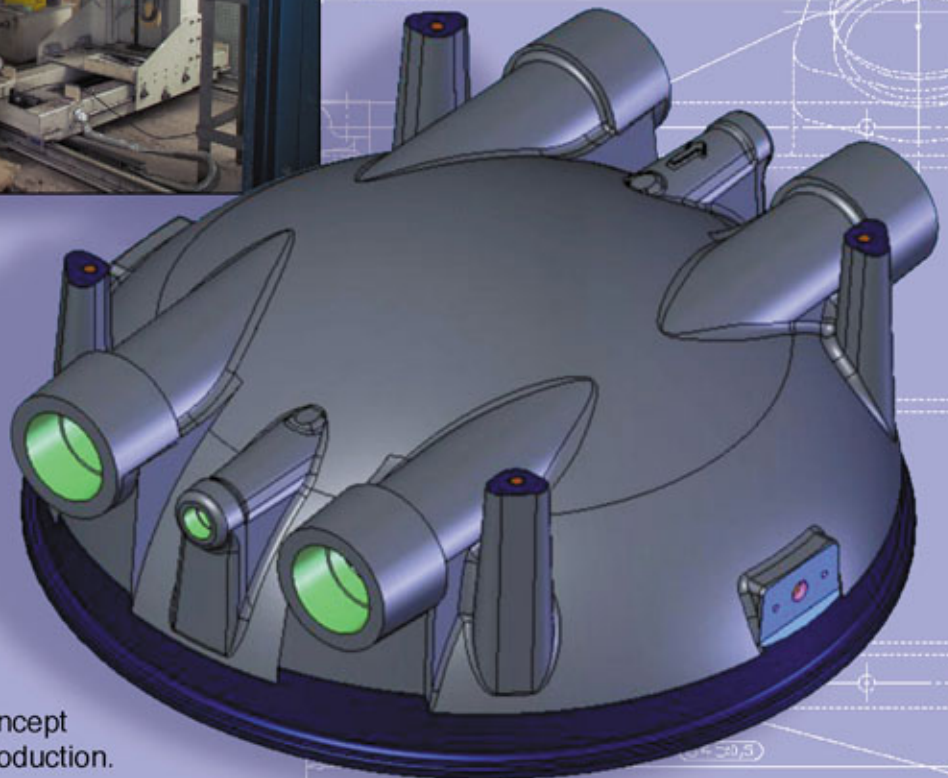
# ENGINEERING & QUALITY ASSURANCE

We've earned a reputation for unsurpassed design support and first-rate quality. Our staff is ready and able to assist in casting design to fit any needs.



Our real-time X-ray technology ensures effective process development and control.

Wisconsin Aluminum Foundry accelerates your speed to market by utilizing the latest in CAD and 3D Modeling to shorten the time from concept to prototype and from prototype to production.

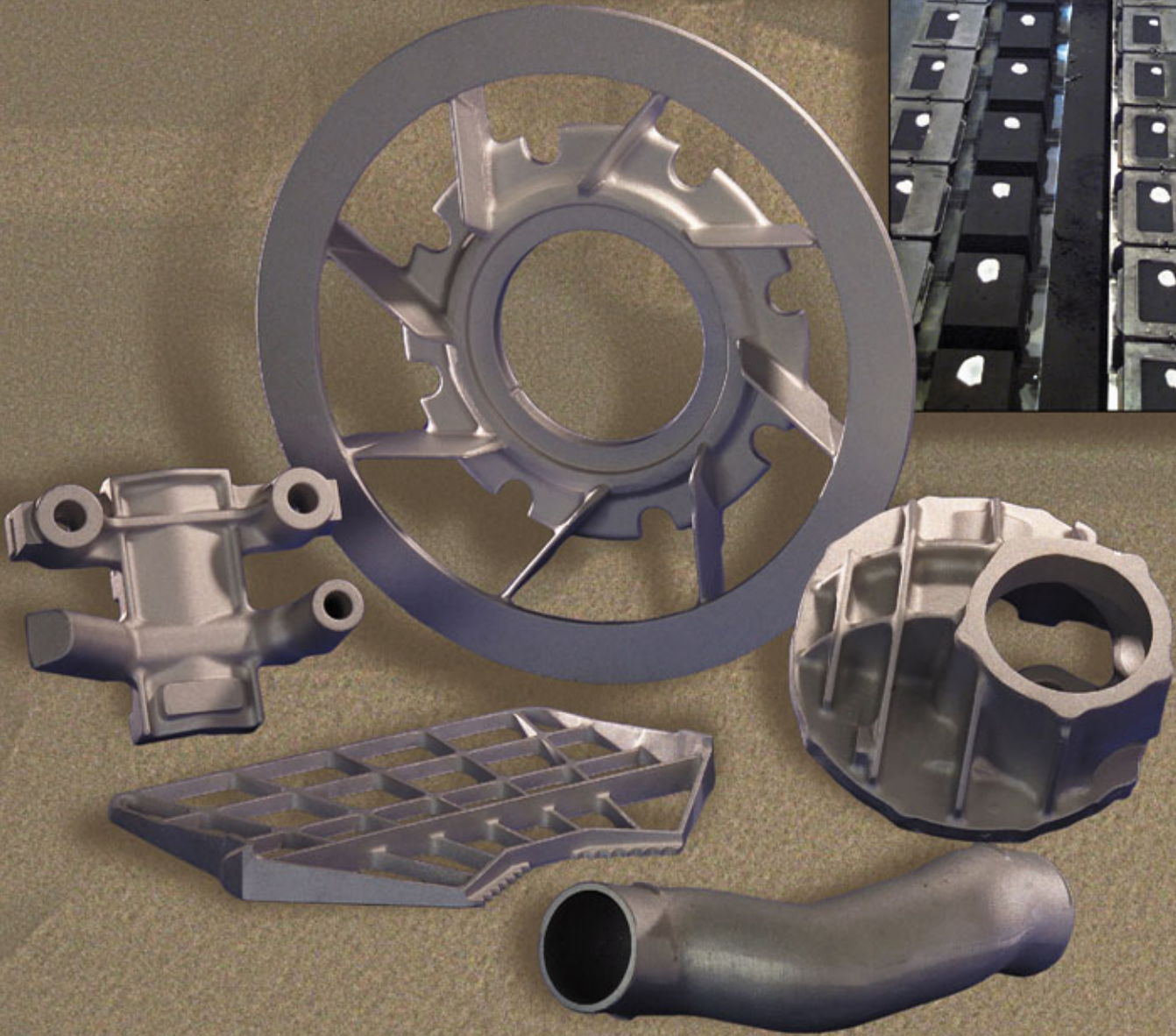
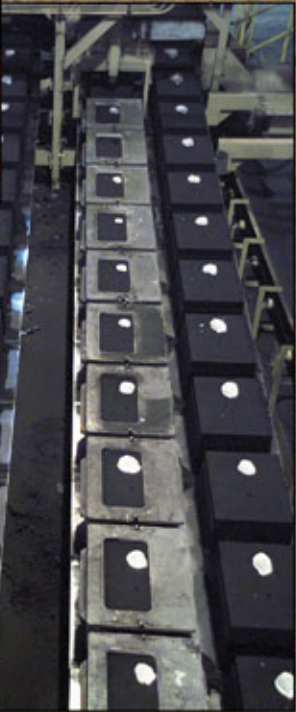


# GREEN SAND

Utilizing the very latest in Green Sand technology, like our DISA high speed molding system, helps customers gain a competitive edge in a global market. From our automated production systems to our manual molding lines, we have the flexibility to handle a wide variety of casting sizes or projects.

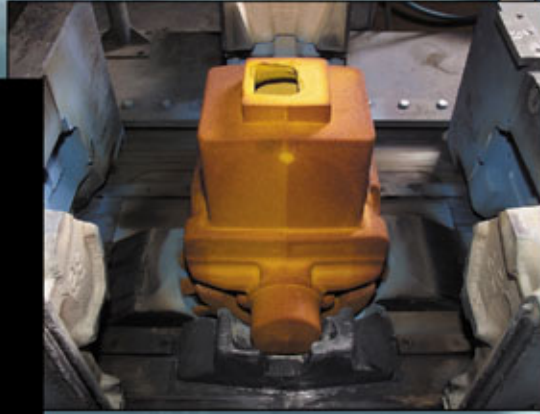


Continually monitored and precisely metered, our fully automated pouring and mold making system assures process control and provides the productivity to keep pace in a dynamic marketplace.



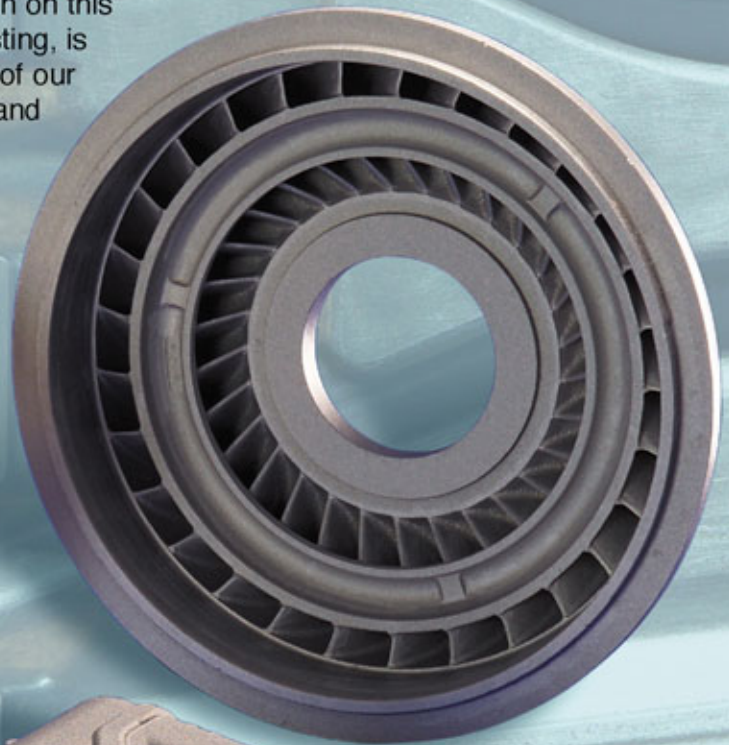
# PERMANENT & SEMI-PERMANENT MOLD

Wisconsin Aluminum Foundry delivers a competitive casting solution with both permanent and semi permanent molds. Whether in the form of basic gravity pours or a multi-cored tilts, the process offers remarkable mechanical strength and dimensional repeatability.

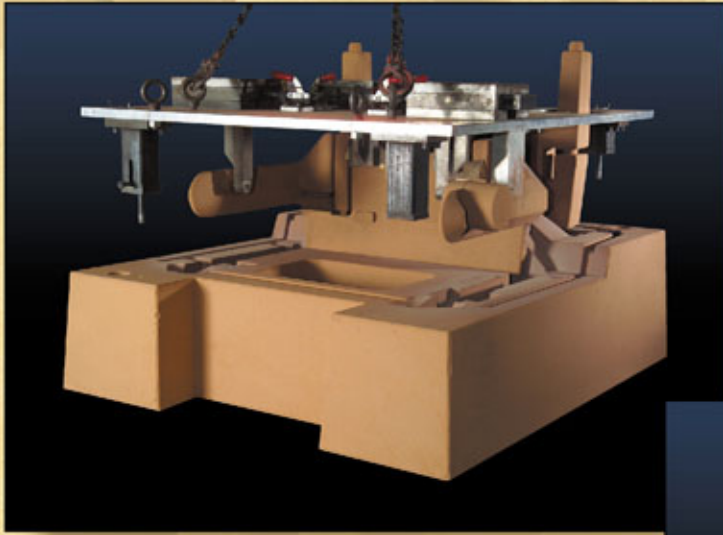


This pressure tight housing is cast as a semi-permanent mold, using four cores, and three iron inserts.

The ability to deliver a consistent product, even on this complex casting, is an example of our capabilities and commitment to quality.



# DRY SAND



Precise and reliable, Dry Sand casting offers an effective combination of complexity, dimensional accuracy and flexibility to meet any customer specification.



This high tech, adaptable process produces castings of virtually any size and weight. The versatility of the Dry Sand process allows for prototyping, low volumes and production.



# ADDITIONAL SERVICES

All of our processes utilize our full range of core making facilities which include Shell, Airset and Cold Box cores.



The Coordinate Measuring Machine gauges castings up to four feet in size, providing the accuracy and range to verify your casting dimensional requirements.

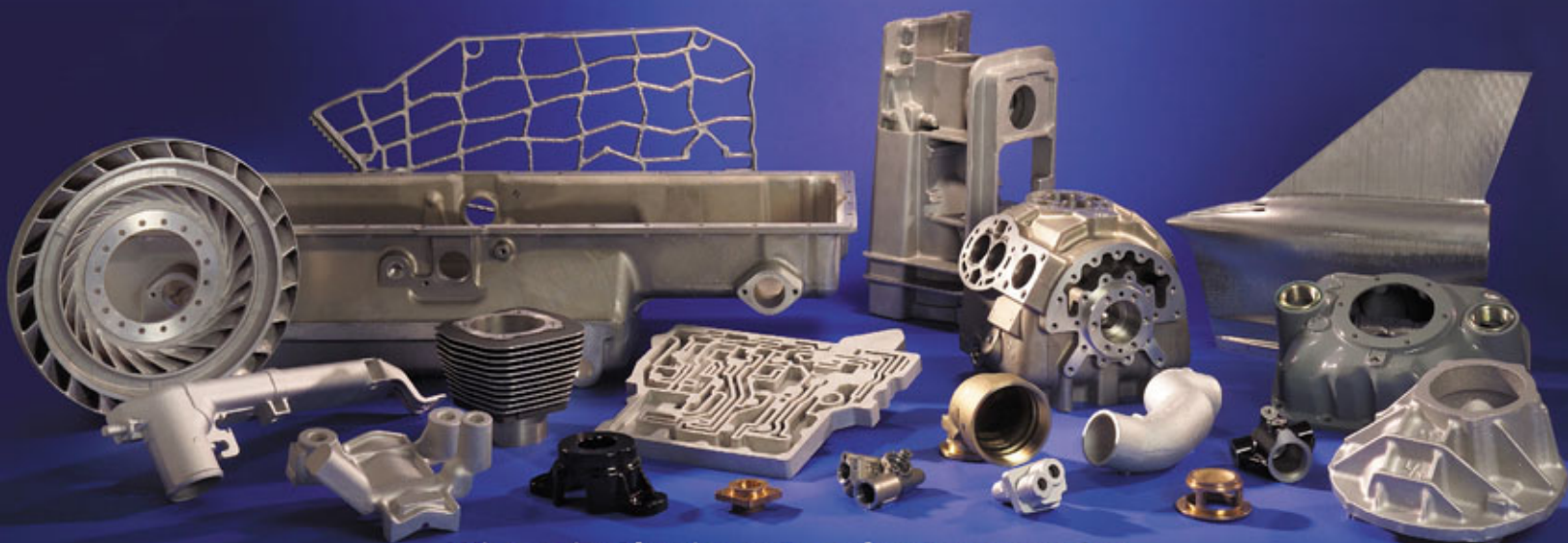
Your castings can be machined, polished, powder coated, and plated to meet your line-ready needs.





## O U R M I S S I O N

Our quality policy is to achieve industry leadership by delivering high quality, competitively priced products, on time with excellent service. This is accomplished through continuous improvements in products and processes while working closely with employees, customers and suppliers.



**Wisconsin Aluminum Foundry Company, Inc.**