



STAINLESS STEEL AND STEEL CASTINGS

Proudly Made in the USA 



Temperform is one of the nation's leading specialty manufacturers of heat, corrosion, abrasion resistant castings and machined components.

Founded in 1970, Temperform produces 222+ stainless steel and specialty steel cast products in 5 induction furnaces melting over 400 alloys.

A management team with over 200 years of combined foundry experience, we have the capabilities from pattern build to cast, to machine—delivering solutions for some of the most demanding industries and customers across the globe.

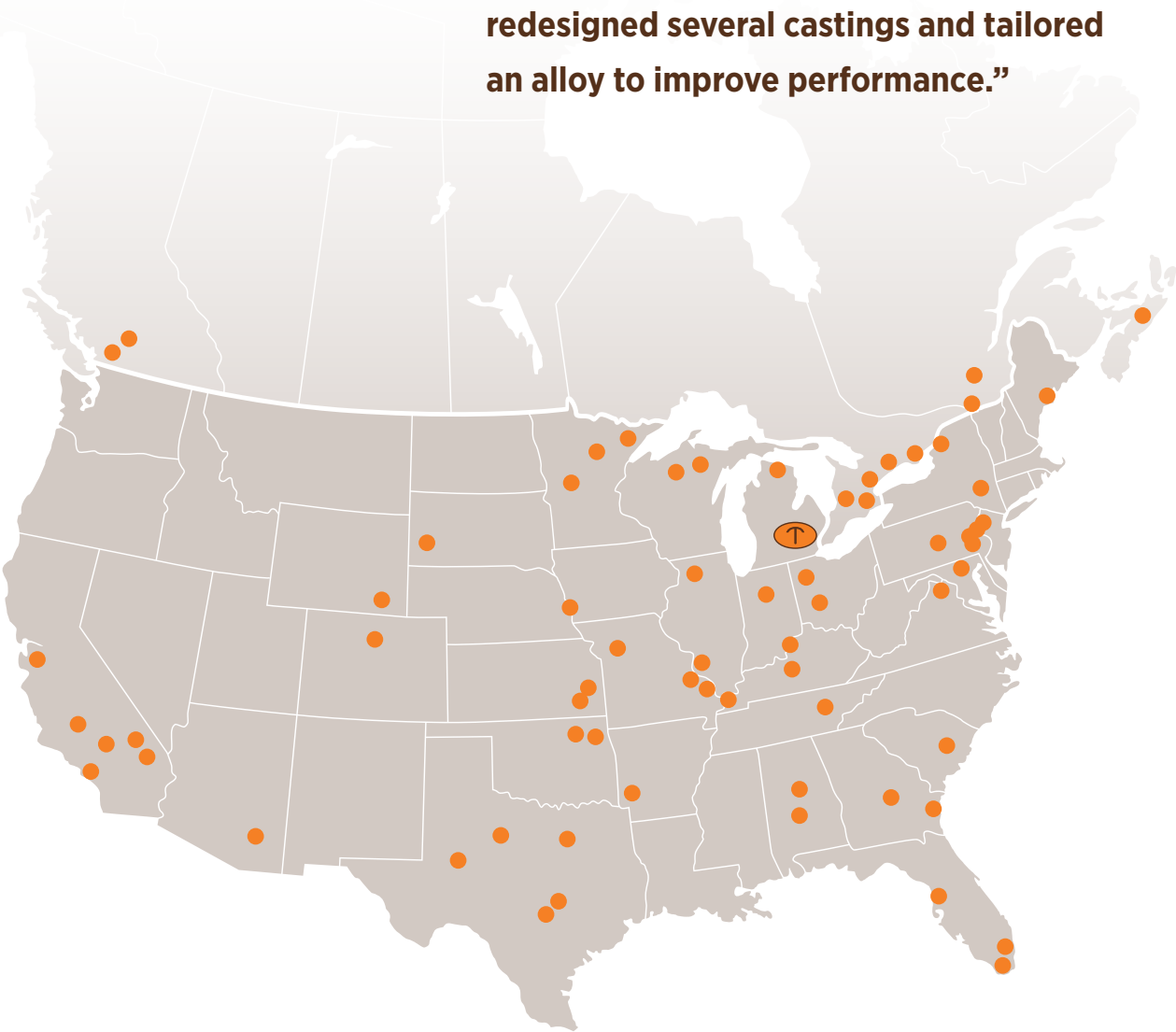


WWW.TEMPERFORM.COM • 1-800-CASTING

Comprehensive market supply

Temperform operates a 70,000 square foot facility spread over 6 acres in Southeast Michigan with a customer base located throughout North America and continues to expand its capabilities with investments in pattern development, modern foundry operating equipment and practices.

“ Customer service is outstanding! They redesigned several castings and tailored an alloy to improve performance.”



Industry specific expertise

Exceptional quality, excellent delivery and outstanding customer service are Temperform hallmarks. As a leading specialty casting manufacturer, our industry specific capabilities have served clients in some of the most demanding industrial markets for nearly half a century.

CEMENT



MINING



AEROSPACE



PUMP & VALVE



AUTOMOTIVE



HEAT/TREAT



PAPER MILLS



“ I had always thought of Temperform for stainless steel castings, but the carbon steel bearing housing for our mill was excellent...fully machined and ready for installation.”



We are metallurgy masters providing dynamic solutions

DESIGN AND PROTOTYPING

From simple sketch to a finished machined casting, Temperform collaborates with its customers to engineer value added solutions.

ENGINEERING AND MANUFACTURING

As your go-to resource, Temperform is able to control the entire process and customize products to your specific needs.

SOLIDIFICATION ANALYSIS

Temperform utilizes metal casting simulation software to design and develop the best casting process for every product.

IN-HOUSE TESTING

Spectrometer testing, chemical analysis, hardness testing, and dimensional certification.

HARD-FACING AND PROTECTIVE COATINGS

To improve performance in extremely high temperature and abrasive environments.

SCRAP BANK PROGRAM

Temperform can buy your scrap and convert it into new castings at a significant savings for you.

QUALITY AND PRODUCT ASSURANCE

Temperform utilizes FaroArm® metrology, and other state-of-the-art tools for product certification. ISO 9001:2015; certified since 2000.

CASTING SIZE FLEXIBILITY

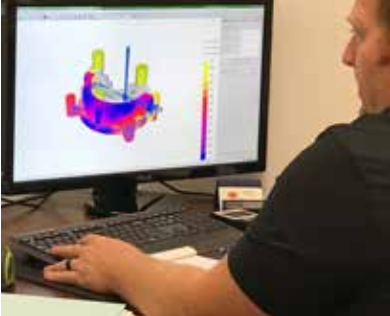
Temperform has the capabilities to produce castings from 10 lbs. to 6,000 lbs.

POURING OVER 400 DIFFERENT SPECIALTY ALLOYS

Temperform can customize an alloy to fit the customer's product applications.



We offer our customers complete vertical integration



SOLIDIFICATION MODELING



ENGINEERING METALLURGY

QUALITY ASSURANCE

PATTERN MAKING

MOLDING



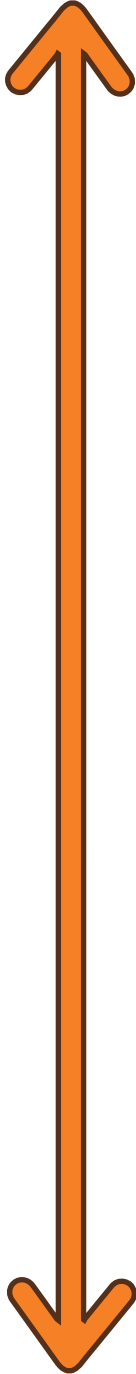
MELTING

CLEANING



MACHINING

HEAT TREAT



We cast solution driven alloys for a multitude of applications

- Heat resistant
- Corrosion resistant
- Abrasion resistant
- Nickel base alloys
- White irons
- Ni-Hard irons
- Tool steels
- Low alloy steels
- Engineered alloys



Delivering results

Temperform's management team and seasoned workforce takes pride in the quality of our workmanship, service, and dedication to providing the best products to our customers.

Our goal is to consistently exceed our customers' requirements.



Let's get started

From design to the supply of value added cast products ready for installation, Temperform has the capabilities to excel for you. Our leading heat and corrosion resistant cast products have extensive technical knowledge and industry expertise behind them.

Temperform is built around offering excellence at every stage of the process, and our team is the best in the business.

What can we help you accomplish? Put our expertise to work for you.



WWW.TEMPERFORM.COM
1-800-CASTING

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