

Stahl Casting Capabilities

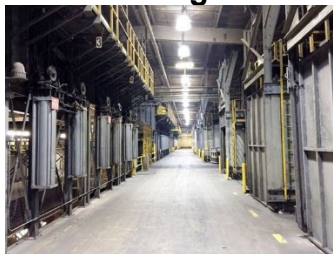
Stahl Specialty Company employs a unique combination of extensive casting and precision machining capabilities and the ability to provide a wide range of volumes all at competitive prices. This capability is evident in the current award-winning products being manufactured at both Stahl plants.

Core Making



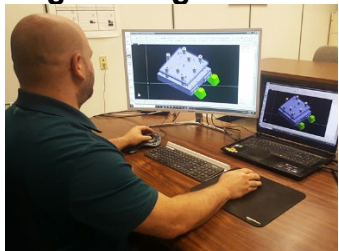
Stahl Specialty Company understands the challenges of cored castings and will work with your engineers to design the highest optimization for your specific parts.

Heat Treating



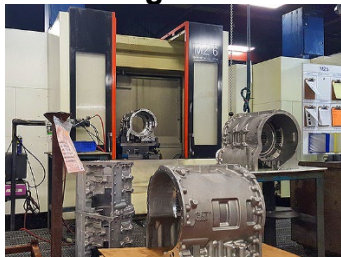
Their in-house designed and developed bottom-drop furnaces allow the castings to move from the furnace to the quench tank in under seven seconds.

Engineering



Upfront collaboration is key to ensure that a casting design supports high-yield production, at the metallurgical performance levels the market demands.

Machining



One call to Stahl Specialty Company leads to a high-quality permanent mold aluminum cast component that has been machined and is ready for assembly.

Industries Served

Stahl Specialty Company has served a variety of industries since 1946. Their in-house designed and developed bottom-drop furnaces provide the highest mechanical properties for many different types of castings. Stahl has produced and shipped more than 12 million castings over the last decade.

Agriculture



Automotive



Defense



Food



Heavy Duty Engine



Industrial



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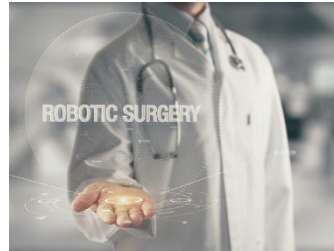
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Marine



Medical



Technology



Automatic Defect Recognition

Stahl utilizes X-rays with automatic defect recognition (ADR) to validate the requirements of critical castings. It's not only accurate, but also efficient.

The area of concern for each component is included in the program, and depending on the size of the part, as many as four can be loaded into the machine at once.



Quality Assurance

Stahl Specialty Company will be a leader in the aluminum casting industry by improving their know-how for outstanding quality and developing innovative partnerships with their customers. This customer-focused commitment will be achieved by following a documented quality system, using teamwork, and embracing the philosophy of continuous improvement. Stahl is certified to the IATF 16949:2016 specification for automotive and commercial trucking. They are also ISO 9001:2015 certified and ITAR registered. Spectrometers are used to ensure metal chemistry, whereas dye penetrant inspection is performed to ensure soundness of safety critical components.

Certifications

- [AS9100:2016](#) – Kingsville Facility
- ITAR Certified
- [IATF 16949:2016](#) – Kingsville Facility / Warrensburg Facility
- [ISO 9001:2015](#) – Kingsville Facility / Warrensburg Facility
- [3.007 – Supplier Quality Manual](#)
- [Quality System Manual](#)

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