

SUPER VAC FOUNDRY

THE GO-TO IN METAL CASTING SERVICES AND CUSTOM TURN-KEY PARTS

For more than three decades, the Super Vac Foundry has been a one-stop shop for turn-key parts thanks to its metal casting services, CNC machining capabilities and a long list of other finishing options. But at Super Vac, we do more than just manufacture shiny components – we pour over every detail because that's what drives quality. As a metal casting resource in Colorado and a leader among the nation's non-ferrous metal foundries, our central location allows us to easily ship components to customers throughout the United States.



AUTOMOTIVE



FIRE & EMERGENCY



HEAVY DUTY



SAND CASTING

Super Vac offers sand casting services, a process that uses green sand to create molds for metal castings. This process is ideal for both low- and high-volume specialty parts, and while extremely custom, more than 80% of all metal castings are produced this way.



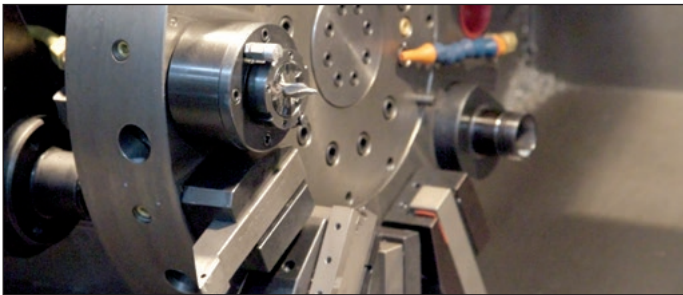
PERMANENT MOLD

The permanent mold casting process uses reusable, "permanent" molds. This process delivers higher production rates, finer grain structure and more dimensional accuracy than other casting methods but is best suited for large production runs due to higher tooling costs.



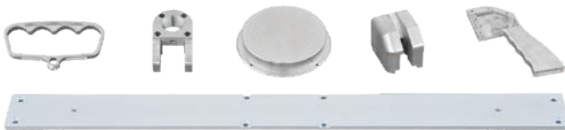
SHELL MOLDING

For high production rates and superior dimensional accuracy, customers look to Super Vac's shell molding services. This process delivers an expendable mold used to cast aluminum parts. The mold is made from a thin "shell" of resin sand that is broken apart to reveal the cast part.



CNC MACHINING

As a one-stop shop for turn-key parts, we offer CNC machining services. With five CNC machining centers, customers can rely on precision, repeatability and more than 35 years of expertise. And while many parts are cast in the foundry, we machine other materials, like plastics, steel and stainless steel.



POWDER COATING

Whether your part was cast in our foundry, milled in our machining center or brought to our facility as an already-manufactured component, Super Vac offers thermosetting powder coating, including polyester, acrylic and epoxy powder coating, ideal for automotive and industrial components.

