

Precision Sand Castings vs. V- Process Castings

We want to make sure you understand the differences between the **Precision Sand Process** and the **V-Process** for producing Aluminum castings.

In the recent past we have received phone calls from unhappy customers of the only supplier that provides Aluminum castings from the V-Process. These customers wanted to move their tooling to our facility. We unfortunately need tell them "V-Process tooling can only be used in a V-Process foundry".

On the other hand, if you purchase cast aluminum matchplate tooling for your project and you are unhappy with service at General Foundry Service, you have the option to take your tooling to a multitude of foundries all over the country to have your castings produced.

A few thing to know about the V-process:

- Once a company purchases tooling for the V-process, that company is limited to that "one" vendor to produce castings.
 - Matchplate tooling can be transferred to many foundries across the country.
- The secondary machining is performed by outside vendors at the V-Process supplier, not in-house. The logistics between the machine shops and V-process supplier can be less than desirable.
 - General Foundry Service performs all patternmaking, tooling, casting, heat-treating, and machining "In-House".
- The price for the tooling and castings, at the V-Process supplier, may be less than General Foundry Service's, but the phrase "You get what you pay for" is well suited. We can refer you to current customers who are moving away from the V-Process (to General Foundry Service), because of quality, delivery, and customer service issues. They too had to justify buying a second set of tools, but after several years of struggling with the V-Process, they did buy a second set of tools from General Foundry Service and are very pleased with the results.
- Regarding the V-Process supplier's promise of "Zero" Draft, most casting processes require some degree of draft.

Many of our new customers had purchased V-Process tooling in the beginning of their program, only to purchase another set of tooling for General Foundry Service's Precision Sand process. They either received sub-standard castings or did not receive castings at all.

Thank you for your thoughtful consideration to provide quality "turnkey" components for your assembly. Please consider General Foundry Service either now, or for your future casting requirements.