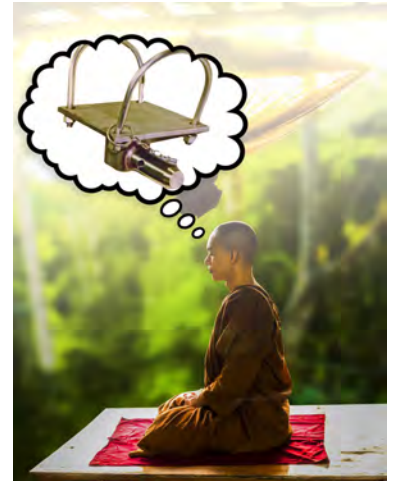


From Fabrication to Casting

For many metal parts, casting offers a long list of benefits over fabrication. **Consult this checklist to find out if your fabricated product is a good candidate to make the switch.**

First, think hard. Visualize a product that your company sells, uses or manufactures. Think about its size, its shape, its critical areas.



Got it? Now, let's get started.

Checklist

Is casting right for my product?

- 1 The product is composed of multiple components** – The more components you need to connect, the more time and money you could save through casting.
- 2 Assembling the product requires multiple steps** – Casting, especially when planned with Design for Manufacturability (DFM) principles, takes steps out of the process.
- 3 The product is assembled in-house** – You might think in-house fabrication is saving money, but think again. Wages and facility space can get expensive fast. Casting could help you free up shop space, and employees, for more important jobs.
- 4 You manufacture a high volume of the product** – Casting companies can often handle small batches, but you'll recoup the initial investment sooner with higher-volume production runs.

Checklist

Is casting right for my product?

- 5 Production is limited by resources** - Casting can ease strain on your vital resources - facilities, manpower and materials - so you can produce more, sell more, and profit more.
- 6 The product looks like Frankenpart** - Fabricated parts are often less attractive than their casted counterparts. Improving aesthetics can result in higher resale value.
- 7 The product has a high rate of failure** - As part of the casting process, engineers will use state-of-the-art technology to maximize the structural integrity of your part.
- 8 Anyone could have made it** - If the part is lacking in distinction, it could be due to the limitations of fabrication. Casting allows you to add a personal touch--a specific shape, a gleaming surface finish, or a company logo that can really stand out to customers.
- 9 You've never asked a metal caster about it** - Last but not least, this is the one item on the list that should determine your next steps. If you've never consulted a metal casting company to find out whether there might be a better, more cost-effective, more efficient way to manufacture your product, you could be missing a golden opportunity. Contact a casting company today to get the ball rolling.



Resource prepared by The Eagle Group
www.eaglegroupmanufacturers.com

© 2017-2018 The Eagle Group