

ADDITIVE



WHAT IS IT, AND HOW CAN I USE IT?

You might know Additive Manufacturing (AM) as 3D printing. At Staub Additive, we understand how AM technology can benefit a business because we use it to benefit our own business. Here's how people are already using this burgeoning technology:

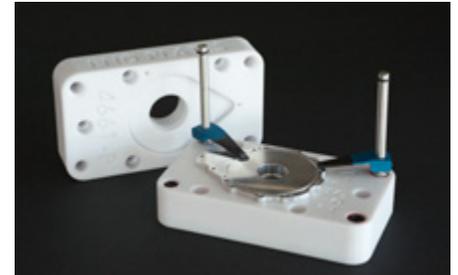


PROTOTYPING

Using additive technology to create prototypes can result in enormous cost and time savings. What might otherwise need weeks and several hundred thousand dollars can now potentially be done in a few days at a fraction of the cost. As an added bonus, prototypes created with true thermoplastics can be used as functional prototypes. Not only do you get to test the design, you also get to test the part itself.

SMALL-BATCH PRODUCTION

Have a job that requires precise custom parts but only need a few hundred of them? Using AM means that these can be created in a time-efficient, low-cost way. You get the personal attention and high-volume precision of working with Staub and still get a low-volume job completed quickly and cost-effectively.



CUSTOM FIXTURES

When it comes to creating custom fixtures, there is simply no match for the benefits of additive manufacturing. They can be precisely designed and fitted, and created in a way that would take an extraordinary amount of work to replicate using traditional production methods. At Staub, we create our own fixtures using additive technology, so when we say that they can increase efficiency and production and create more standardized parts, we really know what we're talking about.

SO WHY CHOOSE STAUB FOR AM?

We work with you. Not for you. We don't just want a design file. We want to know what the function of the piece will be. If you're just looking to check the design of a prototype piece, we can find ways to reduce the costs of production. If you want an end-use part, we can make sure the design and the chosen material will hold up to the necessary temperature, chemical, and mechanical stresses it might be exposed to.

Design Assistance: If we see a flaw in your drawing, we'll tell you. If we see a way to optimize the design, we'll suggest it. We have staff capable of optimizing your design for 3D printing. With Additive Technology, you no longer have to follow the rules of conventional machining.

As the world of 3D printing becomes more and more prevalent and advanced, it may open windows you didn't even know existed for your company. Because you aren't constrained to traditional production limitations, the opportunities are endless.

If you aren't sure how additive manufacturing technologies might benefit your business, ask us!