JETT 3D

02

WE'RE A NEW KIND OF 3D PRINTING LAB.

We don't just 3D print--we guide clients through the complexities of product innovation from start to finish.

15

Years of 3D printing experience

56

Companies have trusted us to help develop their products

4,000+

Parts printed since founding in 2020

WE HELP CLIENTS...

1

Produce specialized solutions

Use custom end-use parts to solve engineering problems without having to rely on traditional manufacturing.

2

Achieve product-market fit

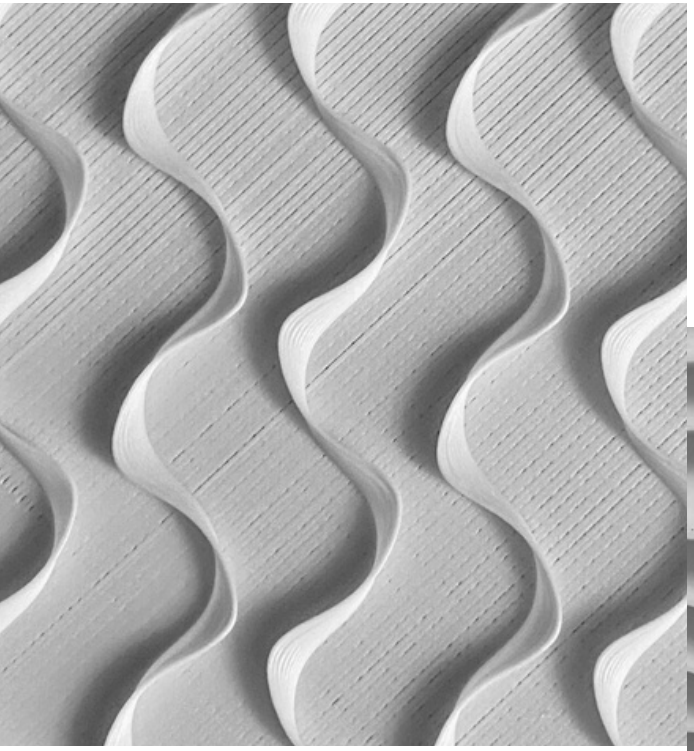
Use cost-effective functional PoCs, prototypes, and MVPs to inform product design, user experience, and manufacturing strategy.

3

Communicate using physical forms

Use interactive models to share design concepts with various stakeholders such as clients, investors, decision makers, and manufacturers.

OUR ROLE AT EACH STAGE

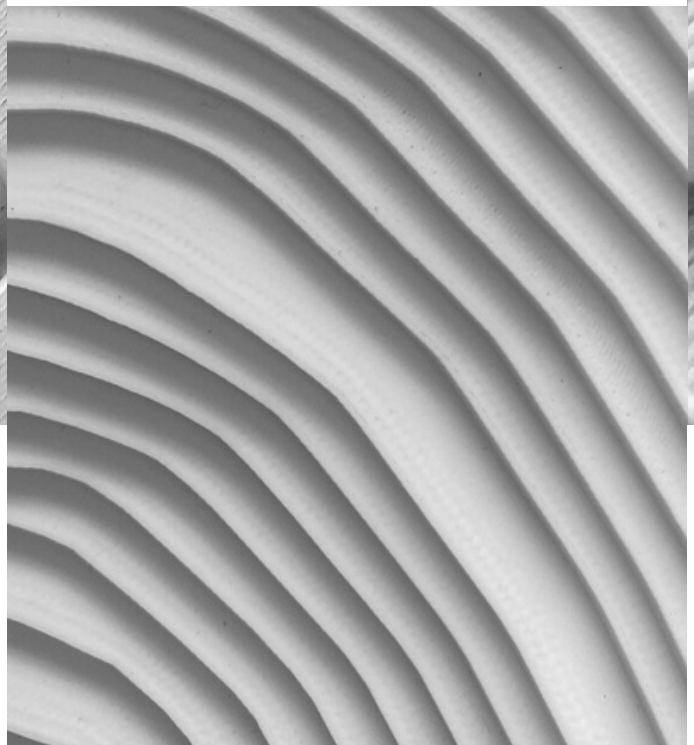


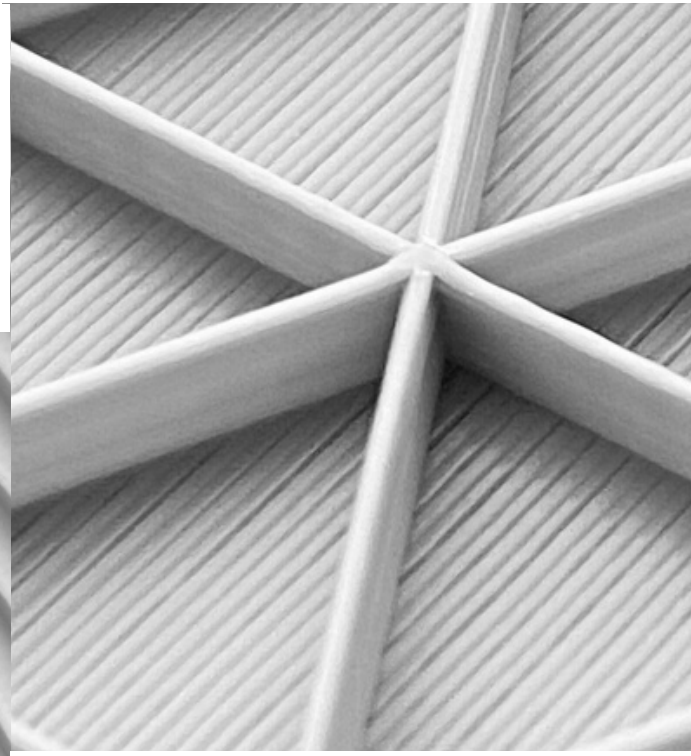
Ideation

We consult with clients on how they can best utilize 3D design and printing as a part of their product growth strategy.

Design

Our digital expertise allows us to turn images, 2D sketches, and CAD files into 3D printable designs that meet clients' needs.

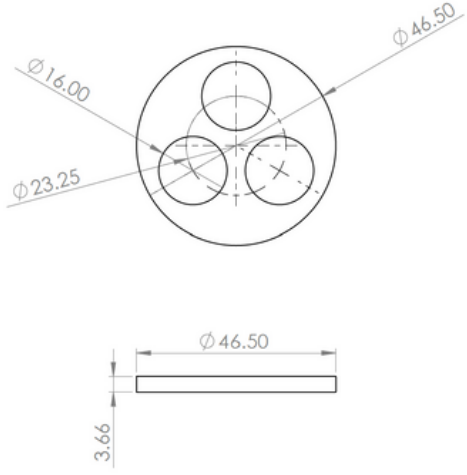


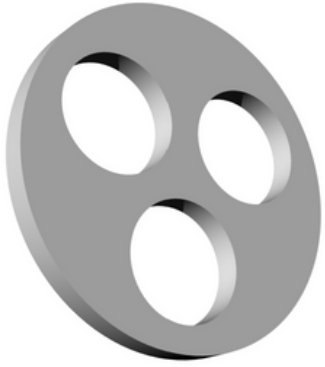


Production

Our engineers select the right processes and materials so that your parts are manufactured to meet your exact needs.

THE PROCESS





I. Discovery

- Idea validation
- Goal alignment
- Additive consultation
- Engineering assessment

II. File Creation

- 3D scanning
- 3D modeling
- Reverse engineering
- CAD/BIM file conversion

III. 3D Printing

- Material testing & selection
- Printability assessment
- QA/QC management
- Test-fitting and assembly

3D PRINTING PROCESSES AND MATERIALS

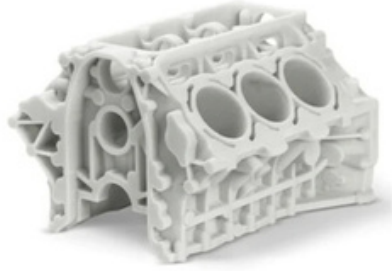
FDM/FFF

PLA, PETG, ABS
Semi-rigid, lightweight and cost-effective plastics.

MJF/SLS

Nylon, TPU, PP
Powder-based to achieve fine details with added durability.

SLA/DLS/DLP



Resins
Functional with high-resolution and smooth finish.

DLMS/SLM

Metals
Standard and specialized options for end-use parts.

Case Study

MERCEDES BENZ AFTER-MARKET PRODUCTION

Problem

Due to reduced demand, Mercedes-Benz stopped injection molding various parts for some older model vehicles. However, collectors of classic cars still rely on the parts for restoration.

Solution

Jett 3D reverse engineers the OEM parts and updates the designs as needed. The 3D models undergo multiple iterations and are tested using various materials to ensure proper functionality.

Mercedes is now able to do on-demand 3D production runs of multiple parts in various high-fidelity materials.

Services

- Additive consulting
- Reverse engineering
- Rapid prototyping
- Material testing
- Low volume production

LET'S WORK TOGETHER.

Contact

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