

3D PRINTING FOR THE **LUXURY INDUSTRY**

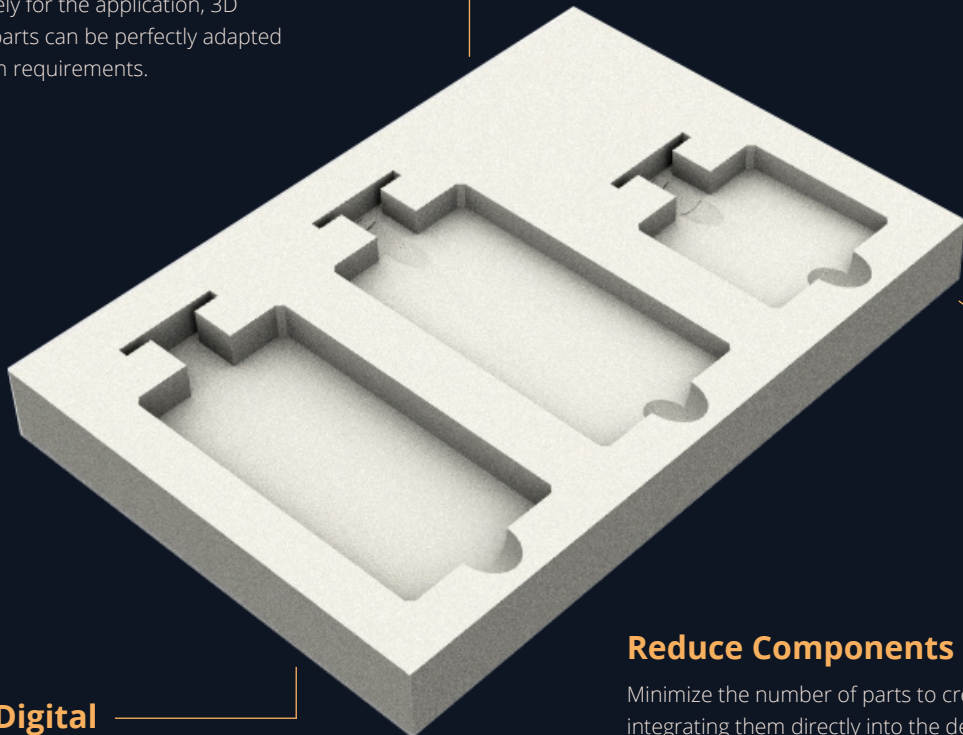
TOOLING, JIGS & FIXTURES

For limited edition series or custom products, specialized tooling, jigs, and fixtures are needed during fabrication. 3D printing is the fastest manufacturing technique to develop and adapt these tools. Reduce assembly time of final goods, ensure uniform production, and minimize waste with custom tooling.

- **Molds**
- **Jigs**
- **Fixtures**
- **Custom clamps/brackets**
- **Guides**

Custom Built

Designed uniquely for the application, 3D printed tooling parts can be perfectly adapted to the fabrication requirements.



Combine Digital Manufacturing Technologies

Make the most of both 3D printing and Laser Cutting to design perfectly adapted tools with the best properties of both technologies

Reduce Components

Minimize the number of parts to create tools by integrating them directly into the design.



Properties:



Impact Resistance

Parts are strong, resistant and able to withstand strong forces during fabrication without bending or warping.



Heat Resistance

Our ceramic resin Ultracur3D® RG 3280 enables 3D printed parts to withstand high temperatures (>280°C) to accommodate any production process.



Accurate

Precise 3D printing creates tools true to size to ensure repeatability of final goods.



Watertight

Watertight and water resistant materials ensure your tools function in any assembly process.



Durable

With Nylon PA12 tools are built to last and able to withstand thousands of uses without failure.



Large-Scale Tools

For large applications, specialized 3D printers can produce tools up to 1mx1mx1m in size.

The 3D Printing Advantage:



Prototypes to small series to mass-production

For any scale of tooling, specialized parts can be produced in days rather than weeks with traditional manufacturing.



Flexible, on-demand manufacturing

Produce exactly the amount of tools when and where they are needed and adapt them easily for new products each season.



Fastest lead-time

Ensure your production process is as efficient as possible with the reactivity of 3D printing.



Iterate faster than ever

The perfectly adapted tool takes some trial and error, 3D printing is the most efficient way to modify and finalize the tool's design.