



# HS-DED Processing of Consumer Products

*Enabling Individual Designs manufactured rapidly through HS-DED*

## Motivation and Relevance

- Individual designs are often expensive to manufacture
- Special tools or handmade processes to adopt different variations of similar yet individual products are needed
- Utilizing freedom of three-axis HS-DED can make individualization of production faster and cheaper

## Approach

- Creation of an individualized geometry through simple tuning of parameters in designer
- Production of part with three-axis HS-DED to achieve rapid manufacturing times

## Results

- Al-Alloy thin wall geometries processable with three-axis HS-DED
- Individual Design Generation through parametric designer

*Quality*



*Productivity*



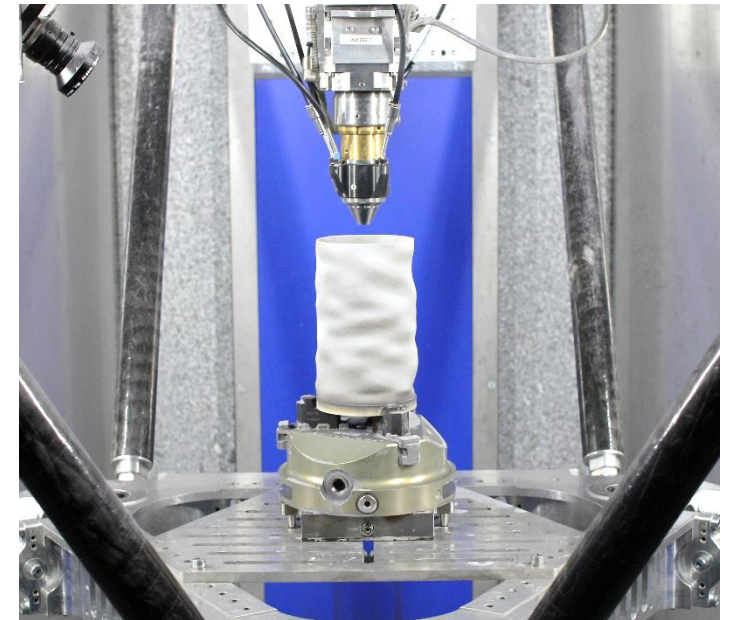
*Sustainability*



## Research Area

- HS-DED
- Design Generation

## Picture



## Contact



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