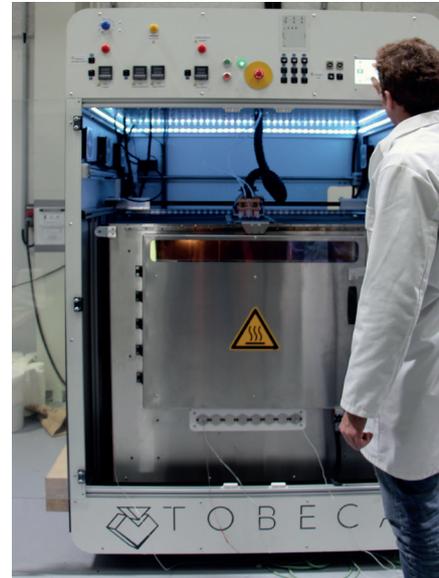
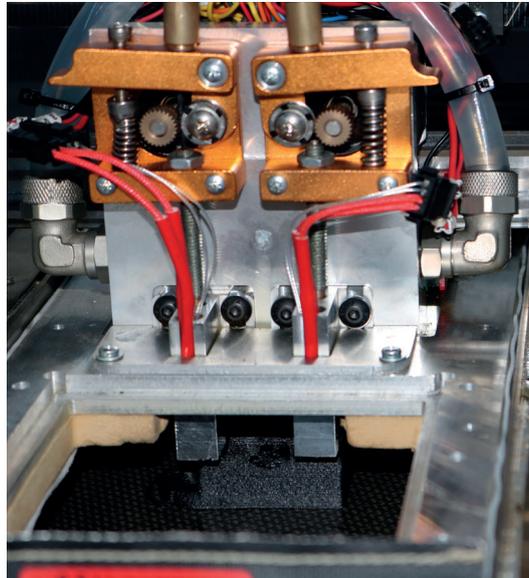


COMPOSITE ADDITIVE MANUFACTURING

HIGH TEMPERATURE FUSED FILAMENT FABRICATION



TOBECA 666



Offer

- ▶ Support for the design of optimised parts for FFF technology
- ▶ Part Production (demonstrator, prototype)
- ▶ Feasibility study and POC (Proof of concept)

Our R&D work

- ▶ Development of new materials
- ▶ Development of materials database
- ▶ Study of the influence of process parameters
- ▶ Process optimisation (robustness, in situ control, ...)

Characteristics

TOBECA MACHINE, HIGH TEMPERATURE

| | |
|---|----------------------------|
| Technology | Fused filament fabrication |
| Chamber dimension | 600 mm x 600 mm x 500 mm |
| Chamber temperature | Up to 250°C |
| Platform temperature | Up to 250°C |
| Maximum temperature of the nozzle | 500°C |
| Number of extruders | 2 |
| <i>Different nozzle diameters available (from 0.4 to 1mm)</i> | |
| Polymer and composite materials | Filament diameters 1.75mm |
| Access to process parameters | |



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