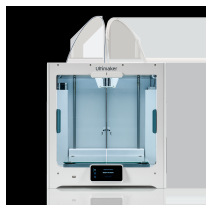


Industrial Additive Manufacturing/Industrial 3D Printing Service

Industrial additive manufacturing services with professional Stratasys Fortus 450mc and Ultimaker S5 machines, making plastic pieces. Metal additive manufacturing machines will be added shortly.





Contact information

Address: GRUPO DE INVESTIGACIÓN INGENIERÍA DE FABRICACIÓN. E.T.S. DE INGENIEROS INDUSTRIALES (DEPARTAMENTO DE INGENIERÍA MECÁNICA). Calle de José Gutiérrez Abascal, 2, 28006 Madrid.

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Technological Offers type

[Technological scientific services](#)

Research and innovation areas

- [Industry, Materials and Circular Economy](#)

ODS



Available from: 2022

Where?

[manufacturing engineering](#)

Keywords: | [3d print](#) | [Additive manufacturing](#) | [plastics](#) | [prototype manufacturing](#)

Industrial Additive Manufacturing/Industrial 3D Printing Service

Description

Specialist additive manufacturing/3D printing in plastics services aimed at industry, with metal additive manufacturing to be added soon

The **Stratasys Fortus 450mc** FDM technology (Fused Deposition Modelling) printer makes it possible to produce exact prototypes, tough production tools and end-use parts under project. The FDM technology uses the same tried and validated thermoplastic materials as can be found in traditional manufacturing processes. From soft clamp tools to ESD-capable special tools, which makes it a valid solution for plastics additive manufacturing with industrial production capacity.

Needs requested

R&D units, laboratories and start-ups associated with the UPM, along with private companies, are offered the chance to **validate** their **research results** with the production of physical prototype pieces or systems, including pre-series, according to the client's specifications and plans.

Location

The service is offered by the R&D Prototypes Construction Scientific Service at the Manufacturing Engineering (ME) Laboratory. The facilities are at the Higher Technical School for Industrial Engineers. C/ Jose Gutiérrez Abascal 2. 28006 Madrid.

Request for service

A request for the service can be made by getting in contact *via the* fabricacion.industriales.upm.es web site. The applicant will be asked for technical and scientific information enabling the pieces to be produced to be assessed.