

3D PRINTING

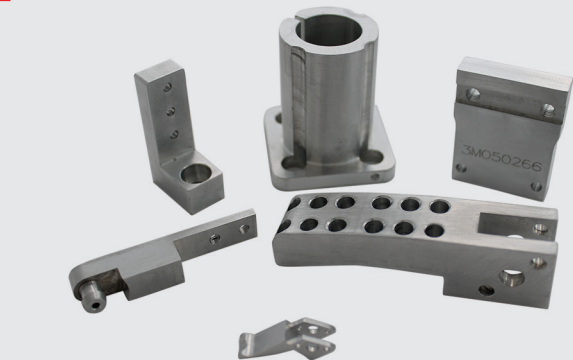
Following the demands of the market, Gimatic has equipped an area for 3D printing service with an HP Multi Jet Fusion system. Through a rapid prototyping service based on the customer's design, we are able to create completely customised gripping solutions that can meet the specific needs of the final customer. This technology makes products with PA12GB (Glass Beads) material, for greater rigidity, allowing our customers to receive products with low weight, high wear resistance and high quality. 3D-printed components can be flocked or fitted with rubber pads (HNBR) to provide a soft touch on the products to be handled. Threaded metal inserts are also available for mounting. 3L laser cutting and 3M metal working services are available.



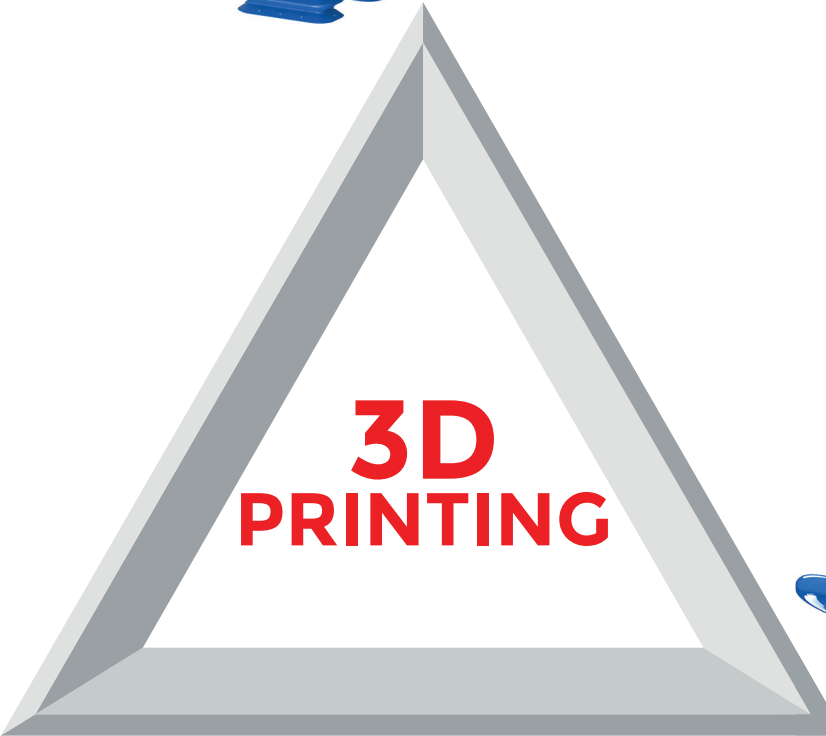
Material technical specifications		Method
Material	PA12 Glass Beads	-
Density of the material	1.3 g/cm³	ASTM D792
Tensile strength, max load	30 MPa	ASTM D638
Heat deflection temperature (@ 1.82 MPa)	114°C	ASTM D648 Test Method A

3M
METAL WORKING

5-axis CNC machining service according to customer's drawing, also for individual parts. Lead time: 5 working days.
Materials:
• Acetal resin (POM)
• Aluminium alloy (6000 series)



Decentralised EOAT with rapid prototyping



Inline pump with flocked stabilising cap



Custom solutions for Pick-and-Place applications

3L LASER CUTTING

Laser cutting and bending service according to customer's drawing also for individual parts (without minimum quantities). Lead time: 3 working days.
Materials:
• AISI 304 stainless steel (thickness: 1, 2 and 3 mm);
• Aluminium alloy 5754 (thickness 2, 3, 4 and 5 mm).

