

Datasheet

3D Printing HP Multi Jet Fusion

- > Latest technology 3D printing
- > process high speed
- > low material costs
- > extremely low cycle times
- > material with FDA approval



The innovative Multi Jet Fusion 3D printing process combines the strengths of the two well-known rapid prototyping processes - Polyjet and Selective Laser Sintering (SLS) - and revolutionises the world of 3D printing with its astonishing performance: per second, the Jet Fusion printers dispense 300 million drops of liquid with an accuracy of 21 µm. The printing material is the multifunctional polyamide 12 known from the SLS process.

Properties	Data
Delivery time:	3-5 Working days
Tolerances:	± 0,3% (with the lower limit at ± 0,3 mm)
Layer thickness:	0,08 mm
Minimum wall thickness:	1 mm, Hinges are possible with 0.5 mm
Installation space size:	380 x 360 x 270 mm (HxWxD)

Component size

Components can be freely positioned in the installation space in order to be able to print the maximum size. The component size is almost unlimited. Several components can be joined together with 2K adhesives. The visible glued joints and connections can be covered by subsequent filling and painting.

Surface structure

After cleaning, the parts have a grey coloured surface with almost no visible layers. Multi Jet Fusion parts can be sandblasted, trovalised, dip-dyed and painted. For dip colouring, we recommend only black dip colouring. Painting is possible with all available colours after priming with spray filler.

How does a project in additive manufacturing work?

1. Send us your request with the following documents:
 - Requirements/area of application
 - Quantity
 - Finishing grey natural/dip-dyed/lacquered and/or trovalised/chemically smoothed
 - Design data as STEP or STL file
2. We check your documents and prepare an offer
3. You release the offer
4. Production and delivery takes place within 3-5 working days.

For the delivery of dip-dyed or lacquered parts, the delivery time is extended depending on the quantity of parts ordered. Delivery time by arrangement.



Request



Inspection + 3D data



Release



Production



All technical data are not guaranteed properties, but may deviate depending on the customer-specific design.