

Sculpteo Accelerates 3D Printing up to 10X with HP Multi Jet Fusion

Sculpteo selected by HP to integrate the new HP Multi Jet Fusion technology

Paris and San Francisco, July 17, 2017: Maintaining its leadership at the forefront of innovation, Sculpteo today announced the availability of the HP Multi Jet Fusion 3D printing technology on its cloud-based 3D printing platform. Sculpteo 3D joins an exclusive club of companies to offer the HP Multi Jet Fusion technology in France and in the world.

HP Multi Jet Fusion Technology

Designed for production, the HP Multi Jet Fusion 3D solution provides an answer to manufacturers that need to quickly and efficiently manufacture functional prototypes, small or medium series of final parts, tools and spare parts. The system allows printing of gray or black polyamide PA-12 (Nylon), a plastic that is both solid and flexible. Other options will be unveiled in the coming months.

The HP Multi Jet Fusion 3D print head selectively deposits micro-drops of the melting agent onto a powder bed and then an infrared lamp merges the parts infiltrated by the melting agent. This combination of print heads and infrared makes it possible to significantly speed up the manufacturing process by making it independent of the surface to be fused (unlike laser-based processes).

Adding to the platform's speed and efficiency, HP has developed a proprietary system for rapidly cooling parts after printing as well as an automated powder recycling and batch powdering station, which contributes to the very high productivity of the system.

Clément Moreau, co-founder of Sculpteo commented, "In digital manufacturing, speed is crucial. With HP, Sculpteo continues to innovate to offer a more affordable, fast and precise factory."

A 10X increase in speed

Simple to use, the HP Multi Jet technology allows parts to be produced up to 10-times faster than existing technologies, enabling Sculpteo to further deploy 3D manufacturing in a variety of fields. Sculpteo can now help customers produce finished objects that were previously difficult to manufacture. The economic equation of additive manufacturing changes its parameters.

For Marine Coré-Baillais, CEO of Sculpteo: "Nearly forty-percent of companies that order on Sculpteo.com ask for a faster service."

Sculpteo, always at the forefront of innovation

With the launch of HP 3D Multi Jet Fusion, Sculpteo demonstrates its commitment to offering the widest choice of 3D printing technologies. The service can thus precisely match the expectations of its customers, and the manufacturing process, both in product development and in the production process.

About Sculpteo

Sculpteo is a world leader in digital manufacturing based in Paris and San Francisco. Sculpteo offers high quality online 3D printing and laser cutting services and offers on-demand production of prototypes, individual products and small series. Its intuitive interface gives the user access in a few clicks to a wide range of materials, finishes, and techniques, as well as tools for optimization, analysis and repair of files. With factories in Europe and the United States, Sculpteo offers worldwide delivery and in short delays. Sculpteo was created in 2009 by Eric Carreel and Clément Moreau.

For more information: www.sculpteo.com