



Sculpteo Unveils CLIP Technology From Carbon3D

Sculpteo is the first online 3D print service to offer Carbon 3D's revolutionary CLIP 3D printing technology. Combined with a range of new materials Sculpteo can now deliver commercial quality parts with unmatched speed and quality of finish.

Paris and San Francisco, March 1, 2016: Sculpteo, the leading force in online 3D printing, today announced it is the first and only global 3D print platform to use CLIP (Continuous Liquid Interface Production) technology developed by Carbon3D. CLIP printers use a breakthrough 3D printing methodology that enables continuous production of commercial quality parts. Sculpteo reveals new resins specifically for use with the Carbon 3D printer. This service will be available from March 1 this year exclusively at sculpteo.com.

The Carbon3D CLIP printing process was launched in 2015 and uses the power of light and oxygen to model a photosensitive liquid resin rather than printing parts layer-by-layer like traditional 3D printers. CLIP printers grow parts in a single unit. The resin is targeted by a projected light source that passes through a special window that is transparent to light and permeable to oxygen: the light polymerizes the resin and the oxygen inhibits that process and by controlling the oxygen flux through the window, the process creates a 'dead zone' - a thin layer of uncured resin between the window and the object.

As a Carbon 3D partner, Sculpteo is currently the only online 3D print service to own a printer of this type in its San Francisco Bay Area facility. Sculpteo is also unveiling a series of new resins ranging from rigid to flexible, all of which are supported by the Carbon 3D printer. These resins make it possible to prototype an enormous range of products (from load-resistant mechanical parts to seals and flexible containers) at very high resolution, as well as producing commercial quality parts. These materials have been designed to respond to key engineering requirements, from the elongation and strength expected of injection-molded elastomers to the temperature resistance of a nylon-glass composite.

The availability of this machine via the Sculpteo online service in combination with these new materials offers industry and private individuals a new route to manufacture parts that are more precise and functional, with a more seamless finish, without the visible layers characteristic of parts produced using a traditional 3D printers.

Clément Moreau, CEO and Co-founder of Sculpteo: *"The combination of the Carbon 3D CLIP technology and the revolutionary materials we are offering will take additive manufacturing to a new level. The gap between product design and manufacturing has never been shorter; and we can now deliver our customers commercial quality parts with a wide range of mechanical characteristics at unmatched speed."*

Phil DeSimone, VP of Business Development at Carbon: *"We are really excited to announce our partnership with Sculpteo. Their work with our machines will allow anyone, from small startups to large corporations, to gain access to CLIP and our portfolio of game changing materials."*

[Watch the video](#)

About Sculpteo:

Sculpteo is an online 3D printing service based in San Francisco and Paris. The company offers on-demand 3D printing of individual products as well as short-run manufacturing. Sculpteo offers 45 materials, colours and finishes available, plus superior file analysis and repair. With factories in Europe and the United States, Sculpteo offers fast turnaround and worldwide delivery of advanced prototypes and short-run finished parts. Sculpteo was founded in 2009 by Eric Carreel and Clément Moreau.

For more information visit: www.sculpteo.com

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