

Press Release
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3D printing brings eyewear manufacturing home

Sculpteo and Octobre71 demonstrate how 3D printing can replace traditional industrial manufacturing

For a long time, industries have been moving manufacturing production outside their home borders – but today local manufacturing is slowly becoming the new way of consuming. A trend materialized by 3D printing, that has the potential of radically changing entire industries. Such an example is given by the partnership between Sculpteo, online 3D printing specialist, and the eyewear manufacturer Octobre71. While the latter aims to repatriate production in its home country, France, the former allows it to turn this into reality. Sculpteo turns 3D printing into a complete industrial manufacturing process, and allows industries to consider a production that is much closer to the final consumer.

Octobre71 was created with one main goal: testing the feasibility of 3D printing in the eyewear industry. The company used the online 3D printing platform Sculpteo, and the test had an interesting outcome. Octobre71 was able to create eyewear that was 30% lighter than the average in acetate or plastic, very resistant and entirely customizable. The manufacturing process was a lot faster, allowing the company to launch new eyewear collections regularly, at a rapid pace, and 100% Made in France.



Sculpteo aims to open new perspectives to industries by making 3D printing evolve from prototyping to a full share industrial manufacturing technique. This pioneer of 3D printing offers users a complete online platform for the manufacturing of digital files into tangible finished objects. From the conception, or the choice of materials, to the manufacturing and the high-end finishes, which are essential for the quality of products, Sculpteo revolutionizes the industry thanks to its expertise.

“Sculpteo uses the best machines and 3D printing processes on the market today”, says Christophe Mouty, from Octobre71. The technology selected to manufacture the Octobre71 eyewear is Selective Laser Sintering (SLS), which is optimal in terms of quality and price; the use of polyamide makes the process fast, feasible and cost-saving. Beforehand, a two-step process requires creating a 2D image by an Octobre71 designer, and modelling this image into a 3D file by a computer expert, for the online platform Sculpteo.

According to Octobre71: *“3D printing constantly evolves and tomorrow it will be even faster and more qualitative (with multicolor 3D printing and improved finishing options for instance). Only the*



ones who will have started the adventure today will be ready to sell their new innovative products as soon as possible. So don't wait until it's too late to get started with 3D printing!"

For Clément Moreau co-founder of Sculpteo, *"Industries have already noted: 3D printing and digital manufacturing are changing the rules of industrial manufacturing. The agility, the quality, and the speed that these new technologies offer are major assets in ensuring an optimized production process"*.

Octobre 71 eyewear is available on www.octobre71.com or on some selected partner websites such as <https://shopping.elle.fr/marques/octobre71>

About Sculpteo

Sculpteo, pioneer and specialist of digital manufacturing, offers a service of online 3D printing, from 3D model transfer to the order of the object, and wants to make this technology easy and accessible to all. Based in San Francisco and Paris, Sculpteo offers on-demand 3D printing and manufacturing in large scale for start-ups, SMEs and design studios. The offer of Sculpteo resembles more than 100 combinations of materials with multiple colors and finishing options, as well as a technical analysis and superior repair of files. The Sculpteo factories use professional 3D printers and laser cutters with a very fast execution and a global delivery. Sculpteo was created in 2009 by Eric Carreel and Clément Moreau.

For more information: www.sculpteo.com

About Octobre71

Octobre71 is a French startup that offers 3D-printed eyewear that is 100% Made in France. The finished product is ultra-light, extremely solid, and customizable. In order to maintain a home-based production, Christophe Mouty, founder of Octobre71, has chosen Sculpteo, online 3D printing service and market leader. www.octobre71.com

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