

CUSTOMER SPOTLIGHT



MARKETIGER ADVANCES FULL COLOR MIMAKI PRINTING WITH POSTPROCESS FULL STACK SOLUTION

MARKETIGER SETS THE BAR HIGH

Establishing themselves as a rarity in the market, Netherlands-based Marketiger does it all when it comes to full-service 3D printing. While most additive manufacturing companies choose to either specialize in small scale printing or mass production, Marketiger employs innovative technology that enables them to work at both ends of the 3D printing spectrum.

Being a “next level” 3D printing service company begins with intuitive pre-processing, ensuring that every concept designed is suitable for transformation into a full-color 3D model. When it comes time for printing, Marketiger has employed the world’s first photorealistic, full-color 3D printer, the state-of-the-art Mimaki 3DUJ-553. With this technology, they are able to create designs that can incorporate over 10 million colors. This spectrum of colors allows for some of the most vividly designed products in the industry.

While Marketiger’s additive workflow is a unique one, without the right post-printing support removal solution, there is room for bottlenecks to arise in the final step of the process. Because of how intricate many of Marketiger’s Mimaki 3D printed parts are, they require a post-printing solution that is especially sensitive to the individual needs of each design. With the conventional system they had been using, Marketiger saw negative effects like pronounced layer-lines on finished parts. For a company that heavily values product quality and fine attention to detail, these issues were extremely problematic.

REVOLUTIONIZING SUPPORT REMOVAL WITH POSTPROCESS

“One of my customers told me to contact AM Solutions to do some polishing tests. From there, I contacted Bert van den Boogaard from AM Solutions,” commented Maikel de Wit, director from Marketiger. AM Solutions represents PostProcess products in the Benelux area. “The knowledge and expertise of both AM Solutions and PostProcess regarding cleaning 3D printed parts is enormous,” says Maikel de Wit, director from Marketiger. “We were, therefore, able to learn a lot from each other during the entire process and evaluation.”



Thanks to integrated software intelligence, users like Marketiger are able to fine-tune the support removal settings to exact parameters, allowing for precise control over the process. The DEMI 400's exclusive additive-formulated detergents, utilized at specified temperatures and in strategized time allotments controlled by the software, ensure consistency and repeatability without part damage or warping.

Thanks to AM Solutions and PostProcess's automated support removal technologies, Marketiger has been able to streamline their post-printing workflow while maintaining the high product quality standards that they are used to outputting.



PostProcess™ DEMI 400™
Support Removal Solution

About AM Solutions

AM Solutions, a brand of the Rösler Group, will support you with the development and implementation of innovative, optimized 3D printed products with a unique, highly flexible solutions package covering the entire process chain. AM Solutions consists of two separate business units; 3D post-processing & 3D printing services. 3D post-processing offers equipment solutions for any post-processing challenges irrespective of the print method and the component material. Its cooperation with numerous industrial partners, universities and research facilities ensures the continuous improvement of products and services so that customers can always count on getting the latest technology.

About Marketiger

Marketiger combines innovative Mimaki 3D technology with excellent technical & creative knowledge to manufacture the highest available full-color 3D quality in the world. Marketiger introduces the next level of 3D printing with up to 10.000.000 colors and extreme detail levels. Marketiger uses the Mimaki 3DUJ-553 full-color 3D printer and specializes in creative concepting in all of the several stages a concept can be in. Marketiger's solutions are an excellent improvement and well-developed replacement for existing full-color sandstone Figurine productions. Collaborating with experts from the field such as Scanlogics they offer a fully integrated scan & print solution. The extensive experience in implementing the Mimaki full-color 3D printing technology leads to less rejection of detailed models, broken models, degrading colors and long lead-times.

About PostProcess

PostProcess Technologies is the only provider of automated and intelligent post-printing solutions for 3D printed parts. Founded in 2014 and headquartered in Buffalo, NY, USA, with international operations in Sophia-Antipolis, France, PostProcess removes the bottleneck in the third step of 3D printing – post-printing – through patent-pending software, hardware, and chemistry technologies. The company's solutions automate industrial 3D printing's most common post-printing processes with a software-based approach, including support, resin, and powder removal, as well as surface finishing, resulting in "customer-ready" 3D printed parts. Additionally, as an innovator of software-based 3D post-printing, PostProcess solutions will enable the full digitization of AM through the post-print step for the Industry 4.0 factory floor. The PostProcess portfolio has been proven across all major industrial 3D printing technologies and is in use daily in every imaginable manufacturing sector.



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