

Nordic pioneers unite to bring sustainable manufacturing to the next level

The Industry, designer and manufacturer of trailblazing large-scale 3D printers, starts offering the patented biobased and recyclable Sulapac® materials for their customers. Together these Nordic pioneers empower businesses to make a positive impact on the environment while boosting efficiency and exceeding customer expectations.

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The collaboration between the Helsinki-based material innovation company [Sulapac](#) and the Swedish 3D printing expert [The Industry](#) opens up new avenues for circular economy and climate action by bringing together cutting-edge expertise in biomaterial development and industrial engineering with shared values of innovation, sustainability, and quality.

Manufacturing with The Industry's next-generation 3D printers is a highly efficient process, that eliminates production waste, minimizes energy consumption, and allows flexible, localized, on-demand production. Choosing sustainable Sulapac® as the printing material over conventional plastic lowers customers' environmental footprint even further.

Made of biodegradable biopolymers and sustainable fillers such as wood from industrial side streams, Sulapac materials have a low carbon footprint. They are safe for people and the planet throughout the lifecycle, with zero persistent microplastics or toxic substances left behind. Furthermore, Sulapac materials are recyclable by design and can be made with recycled content.

Premium materials for a variety of products

In addition to requirements for environmental responsibility, the materials selected for The Industry's material library must fulfill strictly defined technical criteria. [Sulapac Flow 1.7](#), a beautiful wood-composite, and [Sulapac Universal Heat 30](#), a biobased material with good heat endurance and ability to stand high pressure, have performed excellently in the comprehensive testing conducted by The Industry, both in terms of mechanical properties and processability.

"We are very proud of our partnership with Sulapac due to the exceptional quality of their materials and their seamless compatibility with our MAGNUM printer. As we always strive to give the best to our customers, we truly believe that materials like Sulapac will have a strong positive impact on sustainable global production," says **Jonas Carlsson**, CEO of The Industry Sweden.

"In our experience, modern businesses are constantly searching for new materials that can convey a premium look and feel. After running multiple tests on our MAGNUM printer, we can say without a doubt that Sulapac managed to live up to the expectations and we can only foresee a positive increase in demand for their materials across various industries working with additive manufacturing technologies," Carlsson states.

Sulapac Flow 1.7 and Universal Heat 30, both food contact compliant and industrially compostable certified, are now among the recommended feedstock materials for MAGNUM printers, The Industry's spearhead product. Companies can also order products printed from Sulapac.



Sulapac can be used in 3D printed furniture, prototypes, machine parts and design items, for example. Sulapac Universal Heat finds additional applications, including industrial molds for die casting, cement casting, die molding, and pressure molding.

“Thanks to the cooperation with The Industry, we have started to discover the variety of possibilities for Sulapac materials in 3D printing. Their technical fit and unparalleled sustainability features combined with the many benefits of 3D printing offer endless opportunities for companies willing to lead the way towards a cleaner future”, concludes **Emmi Randell**, Head of Business Development at Sulapac.

Further information:

[Media kit](#)

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Sulapac Ltd is an award-winning material innovation company bringing solutions to the global plastic crisis. By replacing conventional plastic with sustainable, beautiful, and functional Sulapac materials, companies can reduce their carbon footprint, eliminate microplastic pollution, and advance the circular economy. The Helsinki-based company was founded by three scientists in 2016 and serves customers across various industries on three continents. Investors behind Sulapac®, the patented material innovation, include CHANEL and Sky Ocean Ventures.

The Industry

The Industry Sweden AB specializes in the production and distribution of large-scale 3D printer solutions. The primary offerings include the sale of the MAGNUM large-scale industrial 3D printer to industrial partners from all over the world, as well as universities and institutions. The Industry Sweden AB is revolutionising traditional manufacturing by utilising large scale 3D printing to fabricate components directly from sustainable materials. MAGNUM is powered by eco-friendly granules, allowing for the creation of substantial prints (with a print volume exceeding 2 m³), all while maintaining a commitment to environmental preservation.