



PRESS RELEASE

Kanfit Continues to Expand into Advanced Metal and Ceramic Additive Manufacturing with XJet Cutting-Edge Solutions

- *Kanfit will adopt both XJet's Carmel 5000X metal solution and Carmel 1400C ceramic solution, offering elevated metal AM capabilities on top of its existing PBF production line, and marking its entry into ceramic AM*
- *Key markets are high-end aerospace, industrial and medical applications, where complex, precise and high-performance end-use parts are required yet unmet via other technologies*

Rehovot, Israel, September 16, 2025 – XJet announced today that Kanfit has acquired its NanoParticle Jetting™ (NPJ) solutions in both metal and ceramic, strengthening its leading position in advanced manufacturing of precision components for aerospace, industrial and medical sectors.

Kanfit's acquisition encompasses XJet's flagship Carmel 5000X solution for 17-4PH stainless steel production and the Carmel 1400C ceramic solution, marking a transformative expansion of the company's manufacturing capabilities. This dual-system adoption not only reinforces Kanfit's leading position in metal additive manufacturing but also establishes its entry into advanced ceramic production – positioning the company as a comprehensive precision manufacturing powerhouse in Israel and worldwide.

Since 1986, Nof-Hagalil based Kanfit has established itself as an undisputed leading manufacturer of precision and detailed components, subassemblies, and ready-to-mount assemblies. With extensive production expertise including additive powder-bed fusion (PBF) capabilities, the company has built an exceptional legacy of manufacturing excellence spanning nearly four decades.

Kanfit's adoption of NPJ technology aligns with its vision as a one-stop-shop, turnkey manufacturing service provider delivering the highest quality products and services. Featuring increased build volume – double that of the Carmel 1400C – and an advanced inkjet system with 100% ink recirculation for minimal waste, XJet's Carmel 5000X delivers superior material efficiency and enables faster, fully automated manufacturing with exceptional print quality and limitless product design freedom that meets production needs, bringing part quality consistency, geometric complexity, and supporting production scalability. Kanfit's customers will benefit from shorter lead times, more design freedom and improved performance.

This technology adoption strategically targets high-end aerospace, industrial, and medical device applications – sectors where Kanfit has established excellence in delivering superior services and where both companies recognize the critical need for manufacturing breakthroughs. These advanced solutions enable the production of components that combine exceptional precision with complex geometries that defy traditional manufacturing limitations.



"With XJet's metal and ceramic solutions, we can help our customers push the boundaries of innovation, producing highly complex components with unmatched precision and efficiency," says Avi Danon, CEO at Kanfit. "XJet's metal and ceramic inkjet solutions add another crucial piece to our comprehensive manufacturing capabilities. They enable us to offer unprecedented design freedom and production efficiency while maintaining the exacting quality standards our customers across all segments expect."

"Kanfit's expertise in aerospace and medical manufacturing makes them the ideal partner to bring our technology to market," says Guy Zimmerman, CEO at XJet. "Together, we are unlocking new opportunities for advanced, high-value production worldwide."

About XJet

XJet is a leading additive manufacturing solution provider for advanced ceramic and metal production. Pioneering in direct material jetting, the company's proprietary NanoParticle Jetting™ technology delivers precise, scalable, and sustainable manufacturing of high-resolution 3D metal and ceramic components with complex geometries and fine feature details, addressing key manufacturing challenges including part quality consistency, geometric complexity limitations, and production scalability. With over 80 registered patents and a team of industry veterans and R&D experts, XJet is innovating across diverse industrial applications including aerospace and defense, medical devices and surgical instruments, luxury consumer products, and precision components manufacturing with proven success. Learn more at www.xjet3d.com.

About Kanfit

Kanfit is a build-to-spec/print engineering and manufacturing company delivering high complexity hybrid structures from composite materials and metals, subassemblies, ready to fly aerostructure assemblies, electro-mechanical systems and 3D printed components from Aluminum, Titanium and Nylon12. Kanfit utilizes the latest processes for manufacturing composite components, including Autoclaves, AFP, RTM, LRI, prepregs (oven & vacuum) and wet lay-up. Kanfit also offers 3D additive manufacturing of aluminum and titanium. Kanfit is AS9100D certified and Nadcap accredited for composites, heat treatment and chemical processing. Learn more at www.kanfit.com.

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