



Kosmo Machine Inc

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Kosmo Machine Inc. is Expanding Complex Manufacturing Capacity

For Immediate Release

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Kosmo Machine announces a significant expansion of its complex manufacturing capacity with the addition of a versatile machining cell capable of unmanned (lights-out) production.



By adding the class-leading **Mazak i700T Variaxis with Pallettech System** to its manufacturing stack, Kosmo will see the benefits of added flexibility and efficiency, and customers will continue to experience the reliability, consistency and value that has been a hallmark of Kosmo's success over 44+ years.

The new Mazak i700T Variaxis and Pallettech System delivers full 5-axis machining of workpieces up to 33-inch diameter. This machine combination includes twelve independent worktables that load automatically, sequentially or randomly, allowing production set-up of high quantities, one-offs, or recurring projects to remain undisturbed and available at a moment's notice.



Well optioned with an 18,000 RPM mill spindle, 1100 RPM turn table, and 80-tool magazine partnered with an automated tool data identification system. In process measurement has never been easier: the coupling of laser tool measurement & breakage detection, RMP 60 Renishaw probe measurement system, and the latest SmoothX manufacturing software enables the i700T to produce extremely complex machine components at industry leading material removal rates. This machining system can be scaled and interconnected with other machine cells to double or even triple production rates utilizing the same network of tables and cutting tools.

“We have built Kosmo Machine on a reputation for quality, consistency, and value; and are committed to continuing and expanding on those performance traits,” said Heath Stewart, VP of Operations. He continued, “one of the key factors in that path forward is our insistence on investing in the very best equipment, the highest level of staff training, and a quality team that is empowered to insert themselves into any project or process to achieve the standards we require and our customers expect.”



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Kosmo Machine Inc. is an industry-leading AS9100 certified manufacturer of complex components supporting many industries including aerospace, defense, chemical, motion controls, heavy industries, among others. ITAR compliance and CMMC Level 2 attainment in 2021 supports internal cybersecurity initiatives and DOD flow down requirements.

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