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Amtech Boosts Capabilities with New SMT Lines and Advanced Batch Washing System

TROY, MI — April 2025 — Amtech Electrocircuits, a leading provider of manufacturing solutions, has announced a major upgrade to its production capabilities with the installation of multiple new SMT (Surface Mount Technology) lines and a state-of-the-art batch washing system.

The most visible change is the complete redesign of the manufacturing floor. Rather than simply adding more equipment, Amtech reconfigured the layout of its production floor to improve workflow, streamline material handling, and increase flexibility. This transformation enables the company to run several customer programs simultaneously, eliminate bottlenecks in high-mix, low-volume environments, and move seamlessly from prototyping to full production.



In addition to expanding production capacity, Amtech has also taken a significant step forward in product quality with the installation of a cutting-edge batch washing system. This new addition ensures that assembled PCBs meet the highest standards of cleanliness—an essential factor for long-term reliability in industries such as medical, industrial, and automotive. The system improves ionic contamination control to reduce the risk of field failures, enhances traceability with built-in monitoring and data logging, and increases throughput by processing larger loads in less time.

"These investments aren't just about scaling up—they're about building smarter," said Jay Patel, CEO of Amtech. "We've upgraded not only our equipment, but our ability to respond quickly, deliver cleaner boards, and support our customers' most demanding applications with confidence and precision."

For more information about Amtech Electrocircuits and their agile electronics manufacturing solutions, please visit www.buildamtech.com.

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About Amtech Electrocircuits

Amtech Electrocircuits is a second-generation family-owned business at the forefront of the electronics manufacturing industry, specializing in the design and production of high-quality printed

circuit boards (PCBs) and integrated circuits. With a commitment to innovation and excellence, Amtech focuses on being responsive to the needs of our customers, offering a reliable and robust set of agile resources designed for a high-mix environment. The company serves a diverse clientele across the industrial/commercial, medical device, automotive aftermarket, and general electronics sectors. Headquartered just outside of Detroit in the heart of America's manufacturing community, Amtech is dedicated to pushing the boundaries of technology to deliver exceptional solutions that power the devices of tomorrow. For more information, please visit buildamtech.com.