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ubersmt Expands SMT Line with Juki G-Titan Printer and RS-1R Placement System

Byron Center, MI – May 2026 – ubersmt, a U.S.-based electronics manufacturing services provider, has expanded its surface mount production capabilities with the addition of a Juki G-Titan Screen Printer and Juki RS-1R Placement System, strengthening its ability to support startups, innovators, and low- to medium-volume production builds.



The investment marks a meaningful step forward for the company as it continues building out a flexible, U.S.-based manufacturing model focused on helping customers move from prototype to production without getting lost in the gaps that often exist in traditional high-volume EMS environments.

With the new G-Titan platform in place, ubersmt is improving control over solder paste printing for fine-pitch components, dense layouts, and high-reliability assemblies. The system brings more stability to the earliest part of the SMT process, where small variations often translate into downstream defects.

Features such as solder paste rolling measurement, Optimum Paste Control (OPC) squeegees with automatic paste dispense, and stencil lock with stencil position memory help maintain consistent deposition across complex boards. Automatic stencil cleaning, 2D paste inspection, and flexible auto clamp functionality also reduce setup time and support more stable changeovers, which is an important factor in a high-mix environment. Built-in monitoring of humidity, temperature, and paste behavior adds another layer of control during production runs.

On the placement side, the Juki RS-1R brings added flexibility and speed to the line. Designed around a single dynamic placement head, the system automatically adjusts to component heights ranging from 1mm to 25mm. This allows ubersmt to handle a mix of parts without slowing down changeovers or introducing unnecessary complexity.

The system's variable laser sensing and large nozzle automatic tool change capability also make it easier to place odd-shaped components, a common requirement in prototype and low-volume builds. For ubersmt's customer base—often working on evolving designs rather than stable, high-volume production—this flexibility is a practical advantage rather than a convenience.

For ubersmt, the investment is closely tied to its broader mission. Founded by Michael Antwih, the company was built to support customers who often struggle to find manufacturing partners willing to take on early-stage or low-volume work in the U.S. That includes startups and engineers bringing new ideas to life, where speed, communication, and adaptability matter just as much as scale.

The addition of the Juki platforms builds on an already integrated SMT line and supports the company's approach of keeping operations lean while still expanding capability. By improving process control at the printing and placement stages, ubersmt is able to deliver more consistent results, higher yield, and increased capacity for more complex assemblies.

Customers ultimately benefit from tighter process windows, more repeatable builds from prototype through production, and a manufacturing partner willing to stay close to the work as designs evolve.

With this expansion, ubersmt continues to position itself as a practical option for teams that need real manufacturing support without the constraints of a traditional high-volume model.

For more information, visit www.ubersmt.com.

About ubersmt

ubersmt is a U.S.-based electronics manufacturing services (EMS) provider focused on supporting startups, entrepreneurs, and low- to medium-volume production. With more than 15 years of experience, the company offers quick-turn PCB assembly backed by automated design rule checks, rapid bill of materials generation, and fast quoting to help customers move from concept to production efficiently. For more information, visit www.ubersmt.com.

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