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Smarter Reflow, Stronger Output: ubersmt Installs Heller MK7 Oven

Byron Center, MI – May 2026 – ubersmt, a U.S.-based electronics manufacturing services provider, has added a new reflow system from Heller Industries, expanding its SMT capability and supporting growing customer demand across prototype, low-volume, and production builds.



The newly installed MK7 reflow oven is designed for high-volume SMT and semiconductor applications, bringing improved thermal control, better efficiency, and more stable process performance to ubersmt's production line.

For ubersmt, the investment ties directly back to the type of work the company was built around: supporting startups and engineers who need a manufacturing partner that can flex with their needs. Founder and President Michael Antwih has focused on building a lean, responsive operation that can handle everything from first articles to scalable production without unnecessary complexity.

The Heller MK7 supports that approach with tighter temperature uniformity and reduced Delta T across the board, helping improve solder joint consistency on complex assemblies. For customers, that means more reliable first-pass results and fewer surprises when moving from prototype into production.

Efficiency was another key driver behind the decision. The oven's upgraded gas management system significantly reduces nitrogen consumption, while its insulated, low-profile design reduces energy loss and improves visibility across the production floor. Those gains translate into lower operating costs and a more controlled, predictable process environment for customers.

Maintenance and uptime were also central considerations. The MK7's flux management system captures and removes flux buildup in a way that reduces manual cleaning requirements and helps extend preventive maintenance intervals. That allows ubersmt to keep equipment running longer between service interruptions, supporting more consistent lead times.

The system also includes built-in process monitoring and Industry 4.0 connectivity, giving the team better visibility into process performance and traceability. For customers, that level of data access supports tighter quality control and stronger documentation for regulated or high-reliability applications.

Since installation, the oven has already delivered consistent profiles across a range of assemblies, giving the team added confidence as production requirements continue to grow.

As ubersmt scales its capabilities, the addition of the Heller MK7 helps the company continue doing what it set out to do from the beginning—make it easier for innovators to move from idea to built product, without being constrained by traditional manufacturing barriers.

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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