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Heller Industries to Showcase Vacuum Reflow Technology at SMTA Guadalajara Expo & Tech Forum 2026

Florham Park, NJ – August 2026– Heller Industries, a global leader in thermal processing solutions, will exhibit in booth 938 at the SMTA Guadalajara Expo & Tech Forum, taking place October 7–8, 2026 at Expo Guadalajara, Salón Jalisco Halls D & E in Guadalajara, Jalisco, Mexico. A major focus at the event will be Heller's Short-Cycle Vacuum Reflow (SCVR) technology, developed to address one of the fundamental challenges associated with vacuum reflow: achieving the void-reduction benefits of vacuum processing without allowing vacuum cycle time to become a production bottleneck.

Vacuum reflow cycle time is influenced by both the amount of time required under vacuum and the time required to transfer assemblies into and out of the vacuum chamber. Simply reducing vacuum time can negatively affect void performance. Heller's SCVR approach instead focuses on minimizing transfer time through a multi-stage, speed-adjustable conveyor system, accelerating board movement before and after the vacuum chamber while preserving the required vacuum process.



“Manufacturers want the reliability advantages of vacuum reflow, but throughput has traditionally been one of the challenges that must be considered when implementing the process,” said Paul Lancaster, Vice President of Sales & Marketing at Heller Industries. “Our Short-Cycle Vacuum Reflow technology was designed specifically around that challenge. Rather than compromising the vacuum process to gain speed, we focused on reducing non-value-added transfer time so customers can achieve both low-void performance and the productivity required for volume manufacturing.”

Heller will co-exhibit with SEHO Systems GmbH in Booth 938 as part of a broader global collaboration between the companies to provide mutual customers with a more comprehensive approach to electronics soldering solutions.

Through the collaboration, Heller and SEHO are working to give electronics manufacturers access to complementary technologies and process expertise across a broader range of soldering requirements. SEHO’s portfolio includes selective soldering, wave soldering, AOI and automation technologies, complementing Heller’s expertise in advanced thermal processing and vacuum reflow.

“Our collaboration with SEHO is about giving customers a more complete approach to soldering technology,” Lancaster added. “Manufacturers rarely have only one process challenge. By working together globally, Heller and SEHO can bring complementary expertise to our mutual customers and help them evaluate solutions across a much broader portion of their soldering operation.”

Heller’s participation in Guadalajara comes as Mexico continues to play an increasingly important role in North American electronics manufacturing and supply-chain strategy.

“As electronics manufacturing throughout Mexico continues to advance, manufacturers need production technologies capable of supporting higher reliability, tighter process control and greater productivity,” Lancaster said. “Guadalajara gives us the opportunity to have those conversations directly with engineers and manufacturers operating in one of Mexico’s most important electronics and technology regions.”

Visitors to Booth 938 will have the opportunity to see Heller vacuum reflow technology firsthand, meet with Paul Lancaster and the Heller team, connect with representatives from SEHO, and discuss applications involving void reduction, throughput optimization, thermal profiling and high-reliability soldering.

For more information about Heller Industries and its vacuum reflow technologies, visit www.hellerindustries.com.

About Heller Industries

Heller Industries is a global leader in advanced thermal processing equipment for the electronics and semiconductor industries. Headquartered in Florham Park, New Jersey, the company designs and manufactures high-performance reflow ovens, curing systems, and precision thermal solutions used in printed circuit board assembly, semiconductor packaging, and advanced electronics manufacturing worldwide.

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