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FOR THE MEDIA

ASMPT SMT Solutions expands its SIPLACE V platform

One platform for custom-tailored line concepts

Atlanta (USA), October 18, 2026 – ASMPT SMT Solutions, the global market and technology leader in hardware and software solutions for the electronics manufacturing industry, is expanding its SIPLACE V placement platform with the new SIPLACE V L variant. With additional feeder slots, the space-saving and easily interchangeable Tray Unit SIPLACE V, and the ability to handle taller components, the SIPLACE V L broadens the platform's range of applications.

With the SIPLACE V, ASMPT has developed a new placement platform generation that combines high real performance with flexibility, process quality and investment protection. Depending on the application, it delivers performance improvements of up to 30 percent under real production conditions thanks to its newly developed super-stiff machine frame, short travel paths and the high dynamics of the main axes with accelerations of up to 6 G, to name just a few.

By basing the new SIPLACE V L on the same platform architecture as the SIPLACE V, but with additional capabilities, ASMPT follows its proven platform concept. Instead of developing placement machines for specific applications, it based the SIPLACE V on a modular toolbox that makes different machine configurations possible depending on product mix, performance needs and production environment, with the SIPLACE V and SIPLACE V L as model variants.

120 feeder slots for efficient material supply

For the supply of components, the SIPLACE V L features 120 feeder slots – 30 more than the SIPLACE V. This means that extensive component ranges can be kept on the machine, which is particularly advantageous in environments with lots of variants and frequently changing products. The additional feeder slots provide more line configuration leeway and may help to reduce setup costs. To supply

components from trays, a feeder table and a Tray Unit SIPLACE V can be combined on each side of the machine. The compact and easily interchangeable Tray Unit is significantly narrower than previous solutions, making it possible to supply components via feeders and trays at high speeds in a compact footprint.

Broad component spectrum

The SIPLACE V L also expands the platform's capabilities in terms of its component spectrum. It processes components with heights of up to 55 millimeters, making it suitable even for demanding odd-shaped components.

Overall, the SIPLACE V platform handles a broad spectrum of components ranging from the smallest 016008M parts to large and heavy components. Various placement heads are available. The CP20 high-speed collect-and-place head places up to 52,500 components per hour with an accuracy of ±25 µm @ 3σ. The highly flexible CPP head for mixed placements switches between collect-and-place, pick-and-place and mixed modes based on software commands. For large and heavy components measuring up to 200 × 150 × 55 mm, the TWIN VHF head with a placement force of up to 100 N is available.

Investment protection from the start

Despite the essentially new platform architecture, ASMPT placed great emphasis on compatibility. Existing SIPLACE X-Feeders can continue to be used, as can SIPLACE SX changeover tables. Software solutions from ASMPT such as the applications of the WORKS Software Suite and the Factory Solutions continue to be usable as well. As a result, both variants of the SIPLACE V platform fit seamlessly into existing production environments.

With Gigabit Ethernet and free-space optical communication, the SIPLACE V also features a powerful communication architecture that enables the speedy exchange of large data volumes while providing the foundation for further automation advances and the integration of AI-based applications. Standardized interfaces such as IPC-HERMES-9852 and IPC-CFX connect the SMT line with higher-level software systems.

One platform for changing requirements

"With the SIPLACE V we have created a platform that is flexibly expandable. The SIPLACE V L represents the next step. It features more feeder slots, more material supply options, and an expanded component spectrum. It allows us and our customers to put together the line configuration that best suits their products and their production

requirements while remaining on the same technology platform," explains Sven Buchholz, VP Product & Product Portfolio Management at ASMPT SMT Solutions.

Illustrations for downloading

The following images are available for download in printable format at:
https://kk.htcm.de/press-releases/asmpt/



With 120 feeder slots, the SIPLACE V L combines the high real performance of the SIPLACE V platform with additional material supply capacities.

Image credit: ASMPT

About ASMPT Limited ("ASMPT")

ASMPT Limited is a leading global supplier of hardware and software solutions for the manufacture of semiconductors and electronics. Headquartered in Singapore, ASMPT's offerings encompass the semiconductor assembly & packaging, and SMT (surface mount technology) industries, providing various solutions that organize, assemble and package delicate electronic components into a vast range of end-user devices. ASMPT partners with customers very closely, with continuous investment in R&D helping to provide cost-effective, industry-shaping solutions that achieve higher productivity, greater reliability, and enhanced quality. ASMPT is a founding member of the Semiconductor Climate Consortium.

To learn more about ASMPT, please visit us at asmpt.com.

The ASMPT SMT Solutions segment

The mission of the SMT Solutions segment within ASMPT is to implement and support the Intelligent Factory at electronics manufacturers worldwide.

ASMPT solutions support the networking, automation, and optimization of central workflows with hardware, software and services that enable electronics manufacturers to transition to the Intelligent Factory in stages and enjoy dramatic improvements in productivity, flexibility, and quality. With its integrated open automation concept, ASMPT opens the door for its customers to economically feasible automation, entirely in accordance with their individual requirements – modular, flexible, and vendor-independent.

The product range includes hardware and software such as SIPLACE placement solutions, DEK solder paste printing solutions, the SPI system Process Lens, and the WORKS Software Suite. With WORKS, ASMPT offers electronics manufacturers high-quality software for planning, controlling, analyzing and optimizing all processes on the shop floor. Maintaining close relationships with customers and technology partners is a central component of ASMPT's strategy.

For more information about ASMPT SMT Solutions visit smt.asmpt.com.

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