January 04, 2022

**In-person Exhibit and Live Broadcast to Reach Global Audience, Highlight Scalable Digital Control and State-of-the-Art SMT Equipment**

**Experience ASM’s Open Automation in the Integrated Smart Factory at IPC APEX EXPO 2022**

Enabling manufacturers to flexibly incorporate the digital efficiency and production quality allowed by automated systems, ASM will unveil software and hardware solutions for the integrated smart factory from Booth 2800 at the January 25 – 27 IPC APEX EXPO (APEX) in San Diego, CA. Taking control of manufacturing lines shouldn’t be restricted to proprietary systems but, rather, should rely on open automation that leverages universal interfaces to allow communication up and down the line, throughout the factory and across the global enterprise, always with an eye on the return-on-investment. This is Open Automation and what ASM will reveal at APEX.

**Total Automation, Regardless of Platform**

With the Open Automation concept, current production lines can be integrated for a seamless approach while enabling future scalability. Hermes and IPC-CFX open interfaces facilitate machine-to-machine communication regardless of equipment manufacturer, and MES solutions like those from ASM’s sister company Critical Manufacturing deliver total enterprise connectivity, automation and traceability for implementation of Industry 4.0. And, with ASM Works Command Center, even management of personnel resources can be modernized for all systems in the factory. Transforming from reactive to proactive line oversight, Command Center pushes notifications about machine conditions directly to operators via an Android-based PDA. Tasks are prioritized based on urgency and operator skill level so that staff can be allocated accordingly, allowing manufacturers to optimize workforce efficiency. Throughout the three-day event, ASM Open Automation applications will be shown on a life-sized video wall and on the line in the ASM booth.

**No Trade-Offs: Flexibility and Speed**

At the center of the display, ASM’s most powerful printing and placement technologies will highlight the company’s equipment innovation leadership. Seven systems including a DEK NeoHorizon 03iX printer, high-precision ASM ProcessLens solder paste measurement machine, three high-speed SIPLACE TX placement systems, and the workhorse SIPLACE SX2 combine to showcase the breadth of options for a modular, connected factory. New on the SIPLACE SX2 is the incorporation of odd-shaped and through-hole component placement with clinching capability, as well as new grippers that can be integrated on the SIPLACE MultiStar placement head. Also on show is the latest DEK platform, the ultra-fast and accurate DEK TQ, designed for uninterrupted printing of the most advanced assemblies. The DEK TQ sets new standards in performance, efficiency, and precision. With dual-covers for non-stop paste replenishment, eight-hour consumables supply for a full shift run with no stoppages, wet print accuracy of 17.5 µm @ 2 Cpk and 5-second cycle time capability, the DEK TQ takes stencil printing to a new level. Features of the DEK TQ also include All-Purpose Clamping (APC), smart pin placement and a host of productivity tools -- all in a small, 1.3 square meter footprint.

Sophisticated platforms for the midspeed sector round out ASMs equipment showing at the event; show delegates can see the E by DEK and E by SIPLACE systems in Technica Booth 2611.

**ASM Works: Shop Floor Management**

Featured in a dedicated off-line space within the ASM booth is ASM Works, the modular shop floor management software suite that incorporates planning, material management, factory monitoring, traceability and much more. Manufacturers can select the elements that are relevant to their production requirements, and even integrate third-party hardware for some features such as ASM Command Center. ASM Works will be presented throughout various booth stations, highlighting its modularity within different workflows.

**Experience it All, In-Person and On-Camera**

Much like its open automation approach, ASM’s presence at APEX will allow SMT specialists to take part in the event however it works best for them: in-person or connected online. A live, state-of-the-art broadcast studio inside ASM’s booth is set to host expert panelists discussing everything from pandemic response to connectivity standards to transformative service and support models. Details and live viewing links will be shared with customers in mid-January.

ASM looks forward to welcoming guests and helping them develop a customized solution for the integrated smart factory. APEX attendees can register to visit the show [here](https://www.ipcapexexpo.org/register/2022-registration-options). Those interested in scheduling demonstrations with an ASM technical specialist can send an email to: ogden.mark@asmpt.com.

**About the SMT Solutions segment within the ASM Pacific Technology Group**

The mission of the SMT Solutions segment within the AMS Pacific Technology Group (ASMPT) is to implement and support the smart SMT factory at electronics manufacturers worldwide.

ASM solutions such as SIPLACE placement systems and DEK printing systems support the networking, automation and optimization of central workflows with hardware, software and services that enable electronics manufacturers to transition to the smart SMT factory in stages and enjoy dramatic improvements in productivity, flexibility and quality.

Since maintaining close relationships with customers and partners is a central component of ASM’s strategy, the company has established the SMT Smart Network as a global forum for the active exchange of information between and with smart champions. In addition to being a founding member of the ADAMOS joint venture for the development of an IIoT platform for manufacturing companies, ASM is establishing together with other SMT manufacturers the open HERMES standard as a successor to the SMEMA standard for M2M communication in SMT lines.

 **ASM Pacific Technology Limited**

Headquartered in Singapore, ASMPT (HKEX stock code: 0522) is a global technology and market leader in leading-edge solutions and materials for the semiconductor assembly and packaging industries. Its surface mount technology solutions are deployed in a wide range of end-user markets including electronics, mobile communications, automotive, industrial, and LED. The company’s continuous investments in research and development help to provide its customers with innovative and cost-efficient solutions and systems that enable them to achieve higher productivity, greater reliability and enhanced quality.

**For more information about ASMPT, visit** [**www.asmpacific.com**](http://www.asmpacific.com)**.**

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