

ASYS presents scalable automation levels for SMT lines

ASYS has made a name for itself with automation. The success story of the corporate group began 30 years ago. At SMT connect 2022, ASYS goes in depth: small features that bring big advantages are showcased on ASYS machines and solutions. The diverse, scalable products can be individually combined for any requirement.

ASYS shows state of the art solutions for modern SMT manufacturing. Often the small details are crucial for optimized performance on the line. ASYS equips the line at SMT with a selection of options and features that can be easily retrofitted to existing lines and sustainably increase line performance. The focus is on expandability: from semi-automatic to fully autonomous, various line configurations can be realized.

For example, the Optilign option in the MultiCarrier variant enables throughput to be increased by 320 percent in EKRA printers. Up to six goods carriers or printed circuit boards can be printed simultaneously. Stretch problems are effectively eliminated thanks to the sophisticated process. With OPTIMAP, the cycle time in INSIGNUM marking systems can be significantly reduced by making optimum use of the marking area. In the area of 80x80mm, positions are combined and marked and verified without travel movements. In addition, ASYS shows solutions for asynchronous setup: for example, paste depots and stencil storage at the printer allow highest flexibility.

30 years of handling competence

The ASYS Group started with the idea of standardizing PCB handling. This resulted in the VEGO product range. Today, the VEGO handling series offers a comprehensive product portfolio with over 80 handling systems that promise the highest machine quality and maximum degree of automation. At SMT, the

intelligent software function "Hole Blanking" for VEGO will be presented. The function detects PCBs with knockouts and ensures reliable transport, without product-specific position adjustments. The software backup is easily possible with the help of a USB stick, without further tools and without prior knowledge.

The entire production in view - ASYS Material Logistics & PULSE PRO

By using transport robots, ASYS has expanded its product focus from the line to the entire manufacturing process. In recent years, the company has then evolved into a total solution provider for factories. ASYS offers comprehensive hardware and software solutions that monitor and control autonomous material flows across the entire shopfloor.

The solutions range from incoming goods to intermediate storage to transport on the shopfloor. The entire system is networked via the PULSE PRO software suite. All data flows in production can be brought together in the software suite. This achieves maximum transparency in the production processes. Operators have an overview of the entire shopfloor and can achieve optimum productivity. Another advantage: PULSE PRO easily switches between existing systems, supplementing those functions that are not yet or only partially taken into account.

ASYS at SMT connect 2022 Booth 4A - 324

About ASYS Group

The ASYS Group is a global technology company and a leading manufacturer of handling, process and special machines for the electronics, energy and life science industries. The corporate headquarters in Dornstadt near Ulm, Germany controls the activities of the subsidiaries in more than 40 countries. The ASYS Group employs over 1300 staff worldwide and supplies both standard products and customized solutions.

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