

TRANSITION AUTOMATION

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Press Release

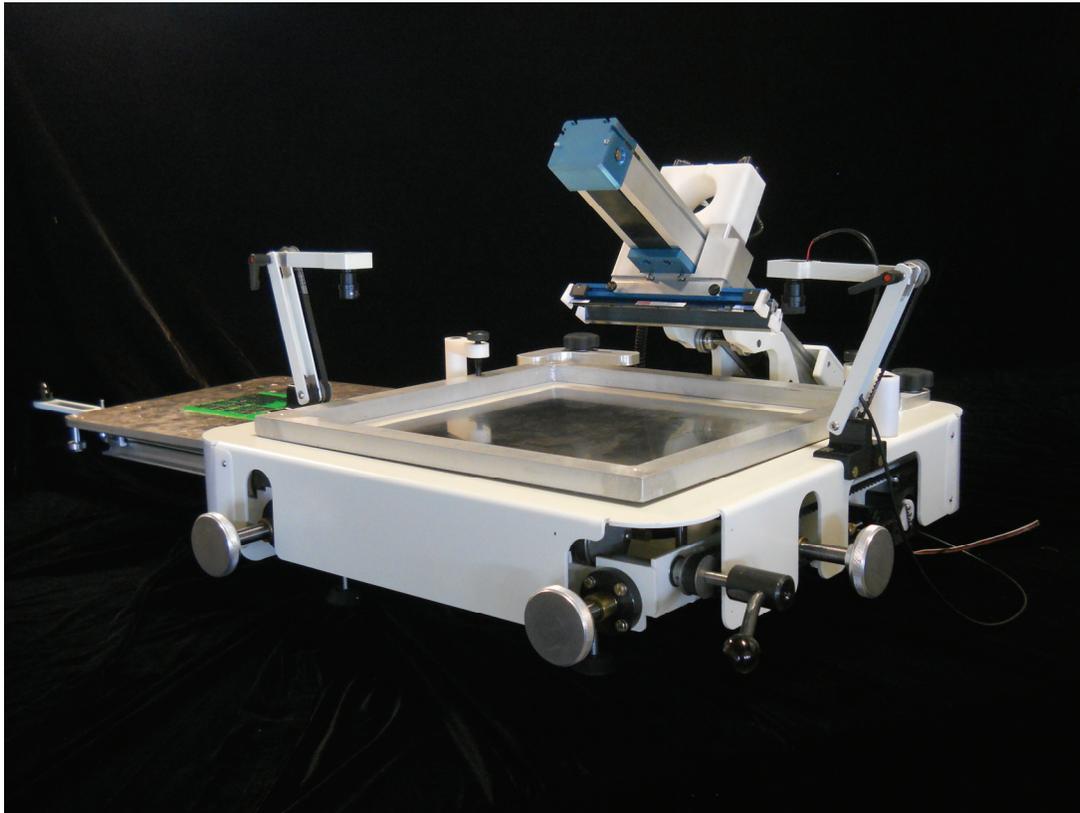
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Apex Stand 1203

PrinTEK Ultra-Fine Pitch Printer

*Unique Boom Style Dual Squeegee head and mini cameras
update the Transition Automation Printer Platform*



Pictured is PrinTEK Model AP1818

Tyngsboro, Massachusetts, USA, February 9, 2013 —Transition Automation, Inc. is exhibiting for the first time a newly designed SMT printer that contains several innovations that give enhanced fine pitch printing capability in a bench-top configuration. The first enhancement is a dual Squeegee structure and drive mechanism that is constructed with a four-bar linkage. This unique innovation allows the main squeegee head, gantry and squeegees to be smoothly pushed back. The four bar linkage creates an effortless tilting and sliding motion that opens stencil area for easy loading and alignment of the stencil. In addition the printing system employs a unique vision magnification method. Two high resolution compact digital cameras are mounted on pantograph style articulating arms. This allows the focus and orientation of the cameras to remain fixed while they are moved in position. The cameras also retract out of the printer area making set-ups easy for fine pitch production. The printer platform comes with a highly integrated tooling table, featuring independent X-Y-THETA and Z-height adjustments, anti-backlash springs and a unique magnetic tooling plate.

Transition Automation, Inc. is a worldwide leader in the manufacturing and distribution of Permalex® Edge Metal Squeegees, holder systems, and advanced SMT printing systems. Founded in 1989, Transition Automation, Inc. continues to advance the state of the art in surface mount solder paste printing by innovating the critical and high-cycle squeegee component of the SMT assembly process. The company is located at 5 Trader Circle, Building D, Tyngsboro, Ma 01879 USA . Phone: 978-649-2400; Toll-Free U.S.: 800-648-3338; Fax 978-649-2402, Web: www.transitionautomation.com

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