



*Technology for Improving SMT Print
Quality and Production Yield*

Transition Automation, Inc. 5 Trader Circle, Bldg D, Tyngsboro, MA 01879 U.S.A. Ph: 979-649-2400

Press Release

For Release November 15, 2022

Press Contact:

Mark J. Curtin, President
Transition Automation, Inc
Tel. 978-649-2400
E-mail: MJC@transitionautomation.com

Transition Automation Introduces New Slim-Line™ Universal Squeegee Holder



Permaflex SlimLine Universal Squeegee Holder model for Ekra printers shown above.

Tyngsboro, Massachusetts, USA, November 15, 2022 — Transition Automation, Inc. today announces a new series of universal holders for SMT squeegees. The new holder design is aptly named SlimLine to highlight the flat front surface and lack of screws or clamp bar features. This new holder design is our first “tool free” holder – that allows for blade changes without the use of screwdrivers, nut wrenches or other tools. The new design incorporates magnets to secure the main body of the squeegee blade – and unique end “locks” that have a very low profile. The result is a holder that provides a complete smooth front blade surface.

The benefit of this design is that the squeegee blade does not have any protruding elements which normally interfere with solder paste rolling. Clamp bars, screws and hardware located in the front of the squeegee cause interruption and difficulty when maintaining squeegees. Screws get clogged with dried solder paste and paste will stick on any protruding surface. By eliminating these protruding elements, this new squeegee holder improves print quality and cleaning ability. Now, users can simply swipe across the front squeegee and obtain complete cleaning with a smooth spatula. This design is available for all SMT printers and maintains similar design outline as previous Transition Automation holder geometries. Another goal of the new design is to minimize interstitial spaces where cleaning fluid and paste can be trapped. These holders have nearly 99percent of their body as a sealed void-free shape. The holders also feature Soft-Touch Paste Retainers. Blade changes with this new holder take 5 seconds – with no tools required, operators simply loosen two thumb screws at each end, then pull the blade away from the magnetic face. When a new blade is placed near the face, it jumps by magnetic force to two alignment pins, and the final step is to retighten the two thumb screws.

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. Company headquarters are located at 5 Trader Circle, Building D, Tyngsboro, MA 01879 USA; Phone: 978-649-2400; Email: Sales@TransitionAutomation.com; Web: www.transitionautomation.com.

###