

Contact:
Neoden USA
Jim Gallina, Solutions Specialist
E-mail: james@neodenusa.com

FOR IMMEDIATE RELEASE

Neoden USA to Showcase ND450 Automatic Solder Printer at SMTA International 2026

RINGWOOD, NJ – September 2026 – Neoden USA, a provider of high-performance SMT assembly equipment for electronics manufacturers, will showcase the new **ND450 Automatic Solder Printer** at **SMTA International 2026, Booth 3029**. The new system is designed to lower the barrier to entry to fully automated solder printing, providing manufacturers with a more accessible route to in-line production.



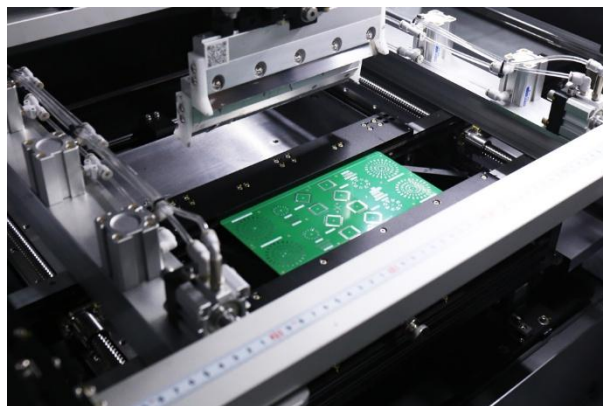
With U.S. pricing starting at **\$24,999**, Neoden USA is positioning the ND450 as an opportunity for manufacturers to introduce fully automated solder printing at a lower entry point. According to Neoden USA, nothing else currently available at this price point offers in-line production capability.

The ND450 features a **floating intelligent print head** with two independent direct-drive motors and closed-loop pressure control. Printing pressure is adjustable from 0.5 to 10 kg. The system provides printing speeds from 1 to 100 mm/s and printing repeat accuracy of **±0.025 mm**.

For alignment, the ND450 incorporates a **large field-of-view dual-camera vision system** with upward and downward cameras. The 10 × 10 mm field of view supports standard fiducials, solder pads and stencil openings.

PCB support and clamping are provided through standard magnetic thimbles, a lifting platform and equal-height blocks. Spring clamps accommodate PCB thicknesses ranging from **0.4 to 4 mm**. The ND450 supports PCB sizes from **50 × 50 mm to 450 × 350 mm**, with a maximum board weight of 4 kg.

The ND450 also features an **automatic cleaning system** with integrated dry, wet and vacuum modes for cleaning the stencil underside. The system offers adjustable demoulding speed from 0.1 to 30 mm/s and demoulding length from 0 to 10 mm.



A **Linux-based operating system** supports multiple transfer directions, with product changeover specified at less than five minutes. The ND450 has a specified cycle time of **12–18 seconds per board**.

The introduction of the ND450 reflects Neoden USA's focus on making fully automated solder printing accessible to manufacturers seeking to move towards in-line production.

Visitors to **SMTA International 2026** are invited to visit **Neoden USA at Booth 3029** to see the new ND450 Automatic Solder Printer and learn more about the system.

###

About Neoden USA

Neoden USA is a leading supplier of surface mount technology (SMT) assembly equipment, providing cost-effective solutions that help electronics manufacturers improve productivity, flexibility, and quality. Offering a comprehensive portfolio that includes pick-and-place machines, reflow ovens, stencil printers, and complete SMT production lines, Neoden USA serves customers ranging from startups and research laboratories to contract manufacturers and high-volume production facilities. Backed by responsive technical support and a commitment to innovation, Neoden USA helps manufacturers streamline electronics production while delivering exceptional value. For more information, visit www.neodenusa.com.