

FOR IMMEDIATE RELEASE

London, UK
16 October 2025

Innovation in Motion: The Next Generation of Automation for Canister Wipes

In the nonwovens sector, some machines have made their mark. Designed to automate the packaging of canister wipes, certain integrated monobloc solutions have transformed entire production lines. Their agility, ability to simplify complex operations, and production reliability have made them essential.

But 2025 marks a new phase. Faced with rapidly evolving market demands and increasingly complex production environments, engineers embarked on a complete architectural overhaul. The goal was not to modernize, but to redefine.

This redesign was shaped by on-the-ground feedback. Operators, maintenance technicians, automation engineers, and designers collaborated to develop a smarter, more flexible machine – one that reflects real-world manufacturing needs.

Three major goals guided the effort: delivering stable output, simplifying user interaction, and improving integration. The result is a compact system that handles the full downstream process: roll stuffing, liquid dosing, conduction sealing, robotic capping with automatic cap feeding, and labeling – all synchronized with the upstream rewinder.

Responding to a Shifting Market

The wipes market is changing. Product diversification, new packaging formats, regulatory pressure, and cost containment all require systems that are adaptable and reliable. Flexibility is now essential: changing product, format, or cap type must be seamless, fast, and minimally disruptive.

A Reimagined Architecture

Servo-driven indexing replaced traditional systems, drastically reducing changeover time while improving accuracy. Format parts are color-coded for easier identification, setup, and training.

Toolless format changeovers allow for smooth transitions between SKUs. The dosing system is modular, with tanks and pumps mounted on sliding rails, reducing footprint and simplifying maintenance.

The conduction sealing station was reengineered for better film tension control and compatibility with synchronized printed films. Sensors across the machine deliver smart diagnostics: film break alerts, low product warnings, and net weight verification.

Robotics: Elevating Repeatability

At the capping station, robotics replace traditional mechanisms. A pick & place robot now performs cap application with high consistency and reduced vibration. Movements are recipe-driven: torque control, cap positioning, and height adjustment are automated.



The system adapts to different cap types without manual intervention, aided by an advanced cap feeder and optional torque monitoring.

Operator-Centric Design

Despite its technical sophistication, this generation of equipment is designed for human ease. Transparent Lexan doors ensure visibility across stations. Access points are optimized for quick intervention and easy sanitation. The HMI interface is designed for intuitive use: from recipe changes to diagnostics, operators benefit from clear, simplified navigation.

What Today's Manufacturers Need

Manufacturers now require compact, complete, and intelligent systems. Floor space is limited, demand is unpredictable, and SKU changes are frequent. As such, fast changeovers, ergonomic layouts, and robust automation are essential to remain competitive.

Looking Ahead

The canister wipes market continues to evolve, driven by hygiene trends, innovations in substrate, and growing consumer expectations. To stay competitive, manufacturers need equipment that adapts easily while maintaining high output and quality.

Through increased integration, modularity, and robotics, the latest generation of automation meets the demands of modern nonwovens production environments – today and in the future

++++++ ENDS ++++++

Available for interview: Shai Shemesh, President – Shemesh Automation

For media, editorial, & sales enquiries and to arrange interviews please contact: Nelly Desbiens, Marketing Director – Shemesh Automation: nelly.d@shemeshautomation.com

For more information please visit: www.shemeshautomation.com

About Shemesh Automation:

With over 30 years in the industry, Shemesh Automation is a global leader in the high-end packaging and assembly machinery and industrial automation appliances manufacturing arena. The private equity backed business supports almost 2,000 assets in over 30 countries around the world. Its nonwovens arm, Shemesh Automation Wet Wipes (www.sawetwipes.com) is a global pioneer in nonwovens downstream packaging equipment with cutting-edge technology positioned at the very forefront of the industry. Shemesh is represented in 13 countries around the world with offices in the US, UK, France and Israel. Its London-based office coordinates global sales and marketing operations and its Israeli office managing research, development and engineering innovation. Shemesh's unique combination of UK customer-centric service with an Israeli high-tech mentality to push the technical boundaries, plus the use of tried & tested parts from German manufacturers has greatly contributed to its success. The US market is served by a 43,055 square-foot office in Green Bay, Wisconsin, home to a Demo Center, 24 Hour Service and Parts Center and a large US installed base of packaging machines. "We don't see Shemesh as a company that builds just cutting-edge machinery, we want to become your partner of choice for long and successful cooperation. "Let us build your vision" is not just our slogan, simply put, this is what we do, day in and day out!" – Eli Shemesh, Founder.



USA

1040 Centennial Street
Green Bay
Wisconsin 54304
United States
TEL: +1 920 325 0050



UK

2 Westglade
Farnborough
Hampshire GU14 0JE
United Kingdom
TEL: +44 754 620 6583



FRANCE

Bopak SARL Building
10 Rue de la Croix Belin
Semur-en-Auxois 21140
France
TEL: +33 6 15 21 04 09



ISRAEL

Minister Haim
Shapira Street 4, New Industrial
Zone, Rishon Letzion 75704
Israel
TEL: +972 3 550 9946