

# Take a fresh look at Shemesh Automation's enhanced range of packaging machinery

Having sold numerous machines of its kind to major manufacturers all over the world, Shemesh Automation has recently bolstered its flagship monoblock round wipes packer, the XPANDER with a host of improvements and upgrades.



The XPANDER is a robust, fully automatic, servo driven vertical index machine. It is specifically designed as a single block for the downstream packaging of round, nonwoven wet wipes in cans.

With its unique all-in-one monoblock packaging machine design, the XPANDER encompasses all aspects of round wipes downstream packaging from cans & wipes loading, dosing, and sealing through to capping, labeling, built-in QC and smart weight checking. The XPANDER has a throughput of up to 35ppm and is the only machine of its kind available on the market today.

Its sister unit, the XPANDER+ includes fully automatic feeding, so long as the lid and canister hoppers are kept filled (typically 2 or 3 times per shift), the XPANDER+ can be operated completely 'hands free' - delivering even greater operating efficiencies.

Truly universal, all XPANDER machines support both round, conic, rectangular & oval shaped cans, screw and push lids, and wrap around or

front and back labelling.

Customers across the Food & Bev, Cosmetics, Chemicals and Pharmaceuticals sectors have already been benefiting from the enhancements made to Shemesh's flagship STRATUM Automatic servo-driven liquid filling machine.

The STRATUM is Shemesh's advanced in-line automatic double-servo driven piston filler for viscous and free flowing liquids. Applicable to containers of most common shapes and sizes in the market, STRATUM is capable of filling speeds of up to 180ppm.

The advanced technologies built into the STRATUM significantly lower utilities consumption and overall production costs as well as offering best-in-class filling accuracy. It features FESTO Double Servo Filling technology both in the pistons and the diving nozzles for production consistency and a staggering  $\pm 0.25\%$  of liquid volume accuracy.

**All Shemesh machinery comes with the following high-end specification as standard:**

- Industry 4.0-ready
- FESTO (Germany) pneumatics and servo systems
- Complete SST304/316L design
- FDA approved piping as applicable
- SIEMENS (Germany) PLC, HMI and MOTORS
- BANNER sensors
- E-stop buttons and safety interlocks wired through CAT IV safety controller
- CE Marking.

With over 30 years' in the industry, Shemesh Automation is a global leader in the high-end packaging machinery arena. If you're looking to upscale your production across any sector now is the perfect time to take a fresh look at Shemesh Automation's portfolio of complete turnkey packaging lines and monoblock solutions.