

SHEMESH AUTOMATION
PRUDENT PACKAGING SOLUTIONS

ALANTRA SERIES



Precision trigger and
spray capping redefined

- Throughput: Up to 60 containers / min or 120 containers / min (double station)
- Servo driven, fully automatic capper
- Industry 4.0 ready
- Applicable to containers common to the chemical, cosmetics, pharmaceuticals & health supplements industries



Let us build your vision

Specifically designed to provide super-accurate leak-free trigger and spray capping, the **ALANTRA** is available in both semi-automatic and fully-automatic versions for maximum efficiency and versatility.

Automation Devices, Inc.
1600 Ridge Road
Fairview, PA 15415
(814) 474-9989
Model: ALAN C300

Made in the USA

ALANTRA SERIES

Cap-off your in-line system with the ultra-accurate **ALANTRA** capping machine! From cleaning products with trigger nozzles to cosmetics products

with air pumps, Shemesh Automation's **ALANTRA** is designed to provide accurate, efficient torque-measured capping for a wide variety of industries.



Quick fact sheet

- **Trigger** and/or **spray pump** automatic feeding, orientation & capping
- **Semi-automatic** (accommodates up to 2 operators) or **fully-automatic** (for hands-free operation) models available
- Throughput: **60 containers/min** or up to **120 containers/min** (double station)
- **Sanitary** design
- Handles **wide variety of containers**, bottles and shapes (eg. plastic, glass, round, square, cylindrical, conical, etc)
- Pick & Place method for **accurate capping**
- **Digital, servo-driven adjustable torque** for flexibility and precision
- **Universal proprietary gripper** fits both spray and trigger caps. No tools, no downtime required
- **Optimised footprint**
- **Built-in capping quality control** to examine defects (if there is no cap or if the cap is not closed properly) and defects rejection system
- Accurate – **under 1% defect rate guaranteed** – delivers saving through reduced waste and downtime
- Tool-free design offers sub **10-minute changeover (!)** and reduced downtime
- Monoblock style version or linear version available for **hands-free operation** and **footprint reduction**

STANDARD SPEC

- **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**

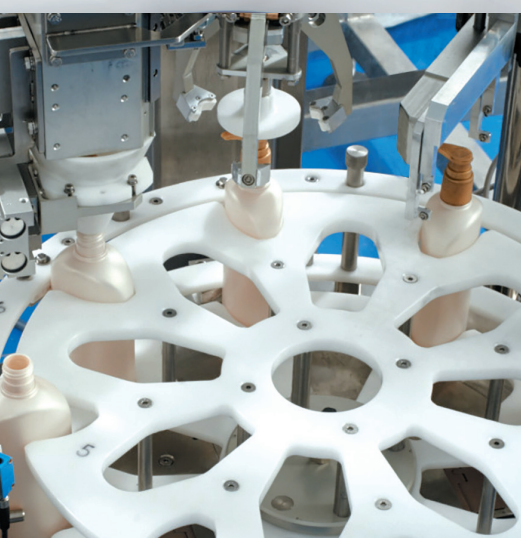
TECHNICAL DATA

- Working stations: **up to 2**
- Basic measurements: see drawing
- Container diameter: **up to 100 mm**
- Container height: **up to 350 mm**

For a full demo of the ALANTRA in action please visit us at www.shemeshautomation.com



Minimise defects, maximise production



The Industry 4.0-ready **ALANTRA** has a built-in QC & reject system, Siemens HMI & PLC. It is servo-driven, made of SST314/316L and delivers under 1% defect rate.





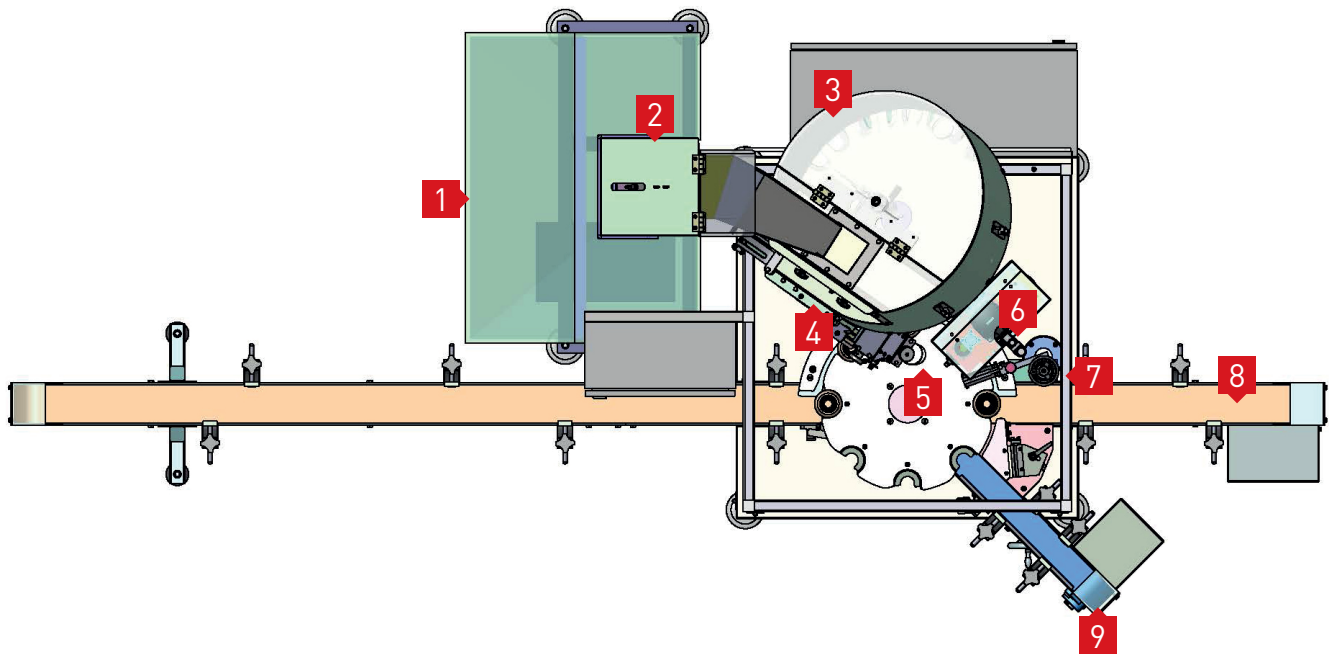
“Shemesh Automation works closely with its customers to unlock maximum productivity, operational flexibility, long-term reliability, safety and efficiency. This, coupled with world-class engineering and out of-the-box mindset, is key to everything we do.”

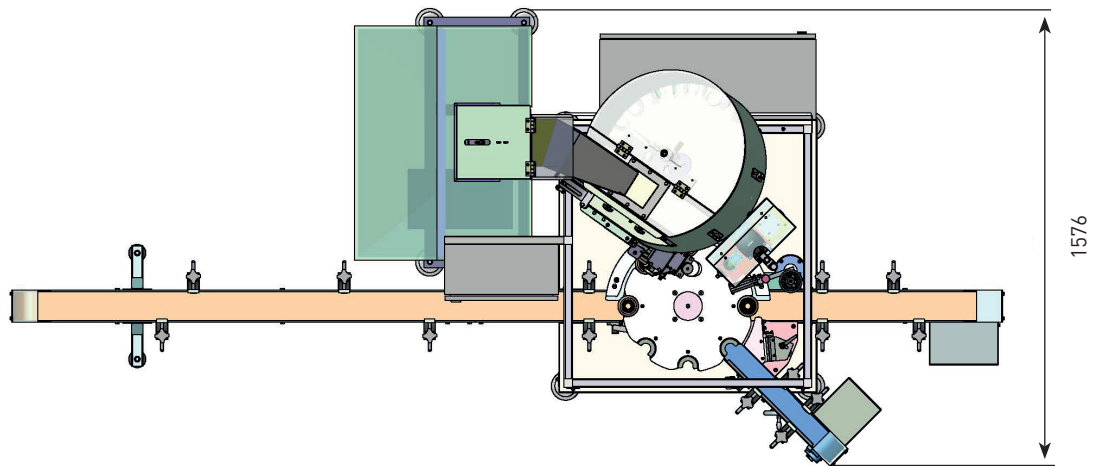
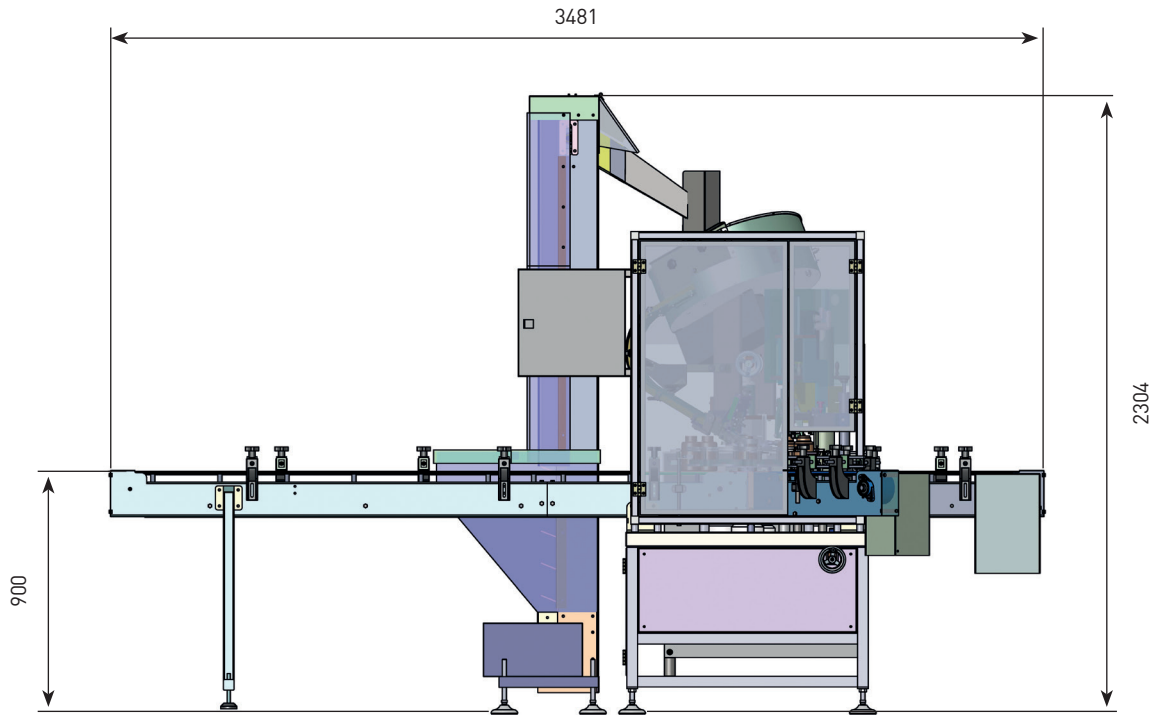
Nir Baram, V.P. Global Sales & Business Development



ALANTRA – Key modules

- 1 Small caps bulk hopper
- 2 Vertical conveyor belt (primary orientation)
- 3 Sorting disc 'drum feeder' (secondary orientation)
- 4 Sleeve magazine
- 5 Pick & Place / Clipping Station
- 6 Multi-function gripper
- 7 Built-in QC
- 8 Discharge
- 9 Defects Discharge







WORLDWIDE

15

International branches

United Kingdom
North America
France
Latin America
Israel
Spain
United Arab Emirates
South Africa
India
China & Hong Kong
Japan & Indonesia
Australia & New Zealand

Over

1800

machines...

...supported in over

30

countries

CAPACITY

x2

Manufacturing sites

6

Trade
shows
per year

Global presence



Wisconsin, USA
North America HQ

State-of-the-art machine showroom, sales and after-sales support, spare parts inventory and North American logistics centre.



Semur-en-Auxois, France
European HQ

French team, Tech centre featuring state-of-the-art machinery showroom, sales and after-sales support and European logistics centre.



Hampshire, UK
Global Headquarters

CEO's office, Marketing,
Strategy, Business
Development and Finance.



Tel Aviv, Israel
R&D and Manufacturing

Operations, R&D,
Engineering and
Manufacturing.



Global representation

Shemesh Automation collaborates with teams on complex Fortune 500 projects and has gained not only a proven and trusted network to put at your disposal, but also invaluable knowledge to help drive your projects.

We share our expertise to guarantee the maximum productivity of your machinery. Our global network of sales representatives and After Sales service specialists offer you flexible and efficient support. Our highly-qualified technicians ensure a fast solution whenever and wherever you need it.

REGIONAL HEADQUARTERS

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ATEX



ANTI-CORROSION

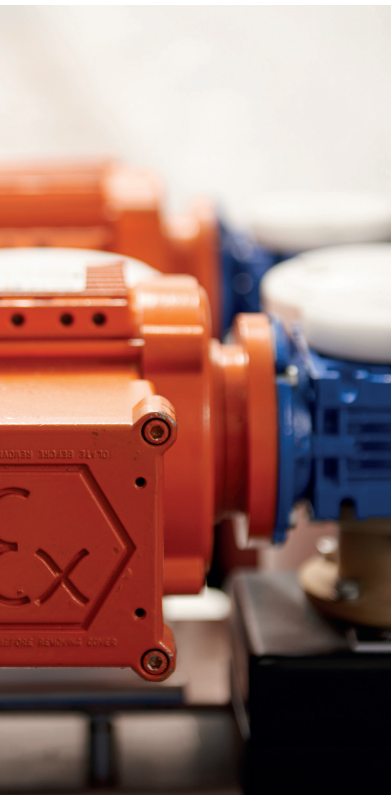


For all sales enquiries please contact us via sales@shemeshautomation.com

Explosion proofed & Corrosion proofed

Corrosive or alcohol-based solutions dictate that your equipment is duly fitted to professionally handle these delicate environments. Years of experience in the field made it possible for us to tailor for you the exact protection so your production is safe and stable while your people and equipment are well protected keeping your facility at the top of the range.

All of our machines are constructed using SST 304/316L, and are available with anti corrosive proprietary coating. As well as the machine base, all vital parts such as nozzles and pumps are also specially treated.



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Let us build your vision