SHEMESH AUTOMATION
PRUDENT PACKAGING SOLUTIONS

VALEXTRA

Advanced, high speed, snap-on capper with smart orientation for round, oval and other shaped lids.

- **Speed: models offered in 60-200 products/minute range**
- **Lids and containers complete orientation as needed**
- **Built-in quality control & defects reject system**
- **Industry 4.0 ready**

SMART INNOVATION · SMART OPERATIONS · SMART SOLUTIONS · SMART PEOPLE · SMART IT
INDUSTRY 4.0 READY

OVER 30 YEARS OF EXCELLENCE

Let us build your vision

"Perfected over decades of continuous improvement with over 50 models sold globally, VALEXTRA has the classic Shemesh DNA: consistency in production, accuracy, pragmatism, attention to details and robustness. It is a genuinely made-to-last capper of the highest standards in the industry." – Shai Shemesh, CEO

VALEXTRA

Ideal for infant formula packging, canisters wipes or any other snap-on application, Valextra was specifically designed to apply round, oval and other shaped snap-on lids automatically, accurately and consistently to containers and offers customers multiple orientation functionality (container orientation, lid orientation and lid-to-container orientation).

Quick **fact sheet**

- **Fully automatic**
- Speed: models offered in **60-200** products/minute range (with orientation).
- **Sanitary** welding, design and build standard
- **Lids** and **containers orientation** as needed using servo, vision and proprietary mechanical designs
- Built-in **quality control** & defects reject system
- **Explosion proof** and **corrosion proof** models available
- Supporting both **oval**, **round** and **other shaped** lids and containers
- **Easy** and **fast** to **clean**, **format changeover** and **maintain**
- Compatible and seamlessly integrates with the rest of the Shemesh Automation product portfolio
- **Industry 4.0** ready

STANDARD SPECS

- **Festo** (Germany) pneumatics and servo systems
- Complete **SST304/316L** design
- **FDA approved piping** as applicable
- **SIEMENS** (Germany) PLCs & HMIs and motors (Allen Bradley – optional)
- **BANNER** sensors
- **E-stop buttons** and **safety interlocks** wired through CAT IV safety controller.
- **CE**, **ANSI**, **OSHA**, **NFPA** and **NEC** compliant

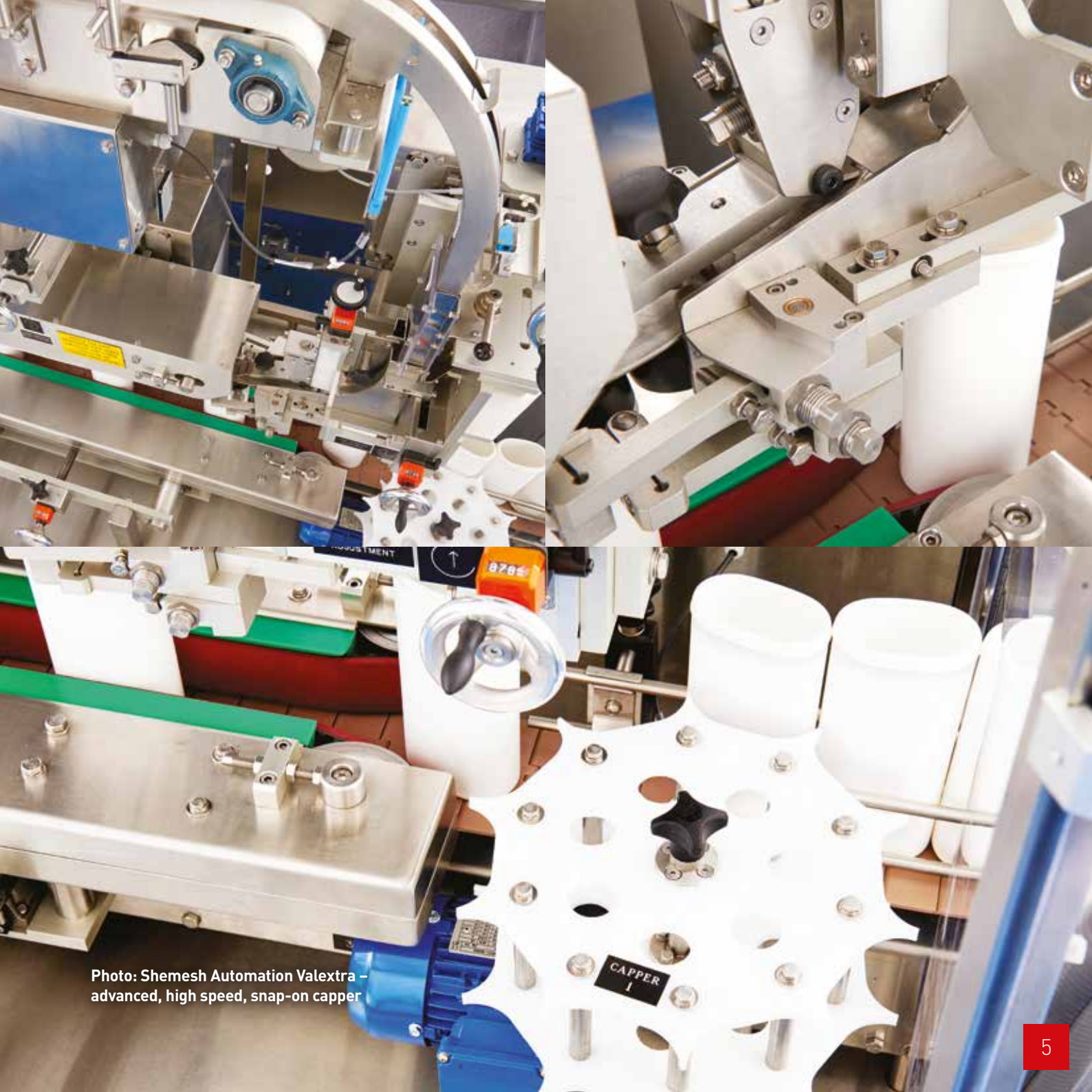


Photo: Shemesh Automation Valextra – advanced, high speed, snap-on capper

"Shemesh demonstrated time after time that they are 'there' when it really matters. From the project planning stage, where the line design and building of the kit were very well managed with clear communications at every stage, to delivering the project and equipment on time, and finally the installation stage, where Shemesh had a super professional team in place for installation & training. In addition to this, we are delighted with the productivity and the day to day operation where we all can enjoy production that is accurate and consistent. Today, I perceive Shemesh not only as an equipment supplier but a true partner to our success, and I also consider many within Shemesh Automation friends. I am glad to say that we will surely buy from Shemesh again and I would not hesitate in putting my own name and reputation on the line in recommending the Shemesh Brand to anyone who is looking for a reliable partner for their production needs."

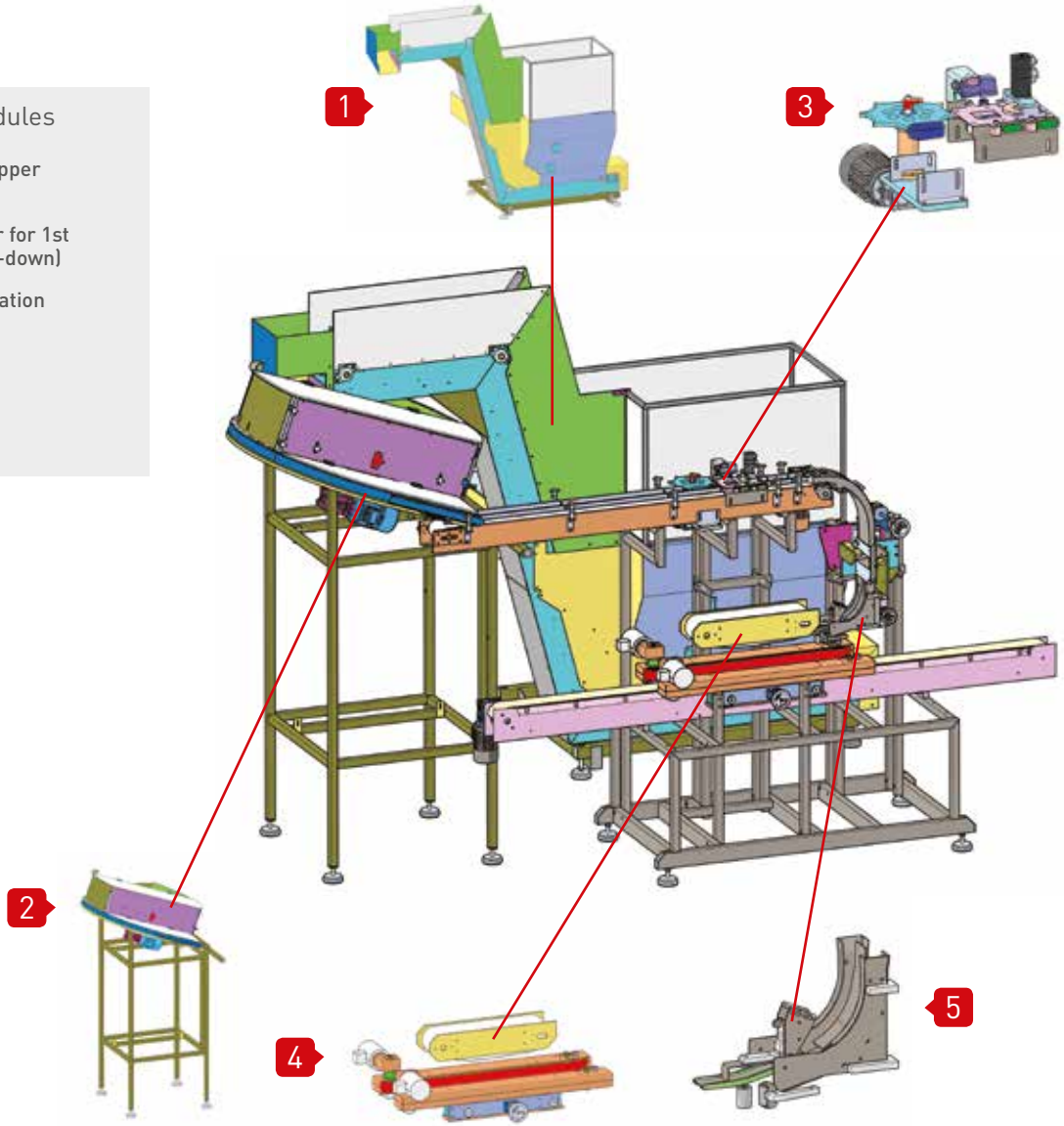
— **Rick Lennard**, Lead Engineer, Beams Packaging Services

Leaving the top hopper post with up/down orientation, lids are subsequently right/left oriented by a smart Festo servo & vision system.

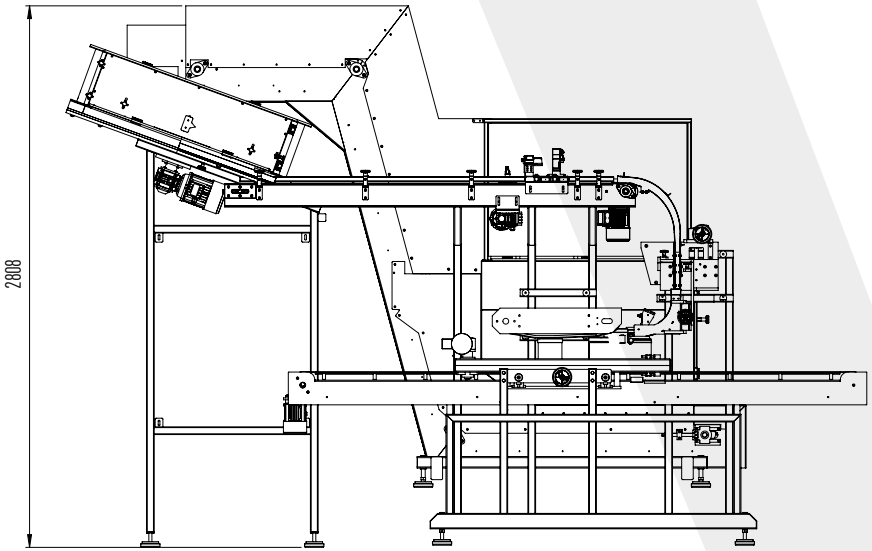
Valextra: key modules

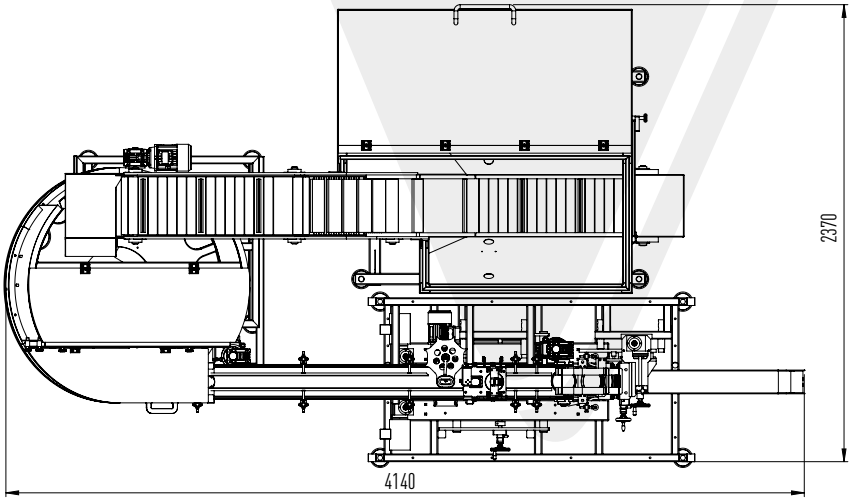
Valextra: key modules

1. Lids bottom hopper
2. Lids top hopper for 1st orientation (up-down)
3. Lids 2nd orientation (front-back)
4. Lids fastener
5. Lids dispenser



Basic indicative **Valextra** layout





Valextra's smart top lids hopper is one of two smart hopers the machine features. The top hopper's proprietary design fastens partially open lids and up/down orientates them as needed.

VALEXTRA's built in QC and reject system verifies that every product leaving the machine is properly lid

Valextra is SST304 made and features high spec components including Siemens motors, HMIs and PLCs as well as Festo servo systems and is Industry 4.0 ready.

"Shemesh Automation is one of my favourite suppliers. Not only their equipment is reliable and innovative, but the people behind this name have also managed over the years to prove to us loyalty and service rarely seen in the industry."

— **Gabi Cherniak**, Senior Project Manager, Teva Pharmaceuticals Industries

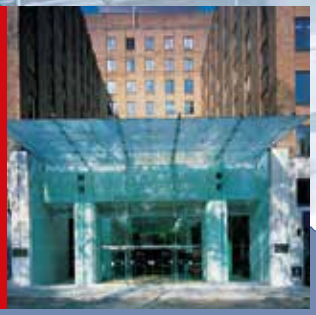
Global **presence**

PA, USA:
North America Office.

Tech Center featuring a state-of-the-art 5-machines show room, sales and after sales support, North America logistics centre

London:
London, UK: HQ.

CEO Office, Marketing, Strategy, Business Development, Finance



Sémour en Auxois, France:
France team HQ.

European Office. Tech Centre featuring state-of-the-art machinery show room, sales and after sales support, European logistics centre

Tel Aviv, Israel:

R&D and Operations. President office, Engineering, Manufacturing facilities

WORLDWIDE

13

International branches

- Israel
- United Kingdom
- France
- Germany
- Italy
- Spain
- Russia
- North America
- Central & South America
- Mexico
- Japan & Indonesia
- Australia & New Zealand
- Asia

...supported in over

30

countries

Over

1000

machines...

CAPACITY

x2

Manufacturing sites

6

Trade shows per year

GLOBAL REPRESENTATION

Shemesh Automation boasts over 30 years' experience catering to global market leaders across many market sectors. We collaborate with teams on complex Fortune 500 projects and have gained not only a proven and trusted network to put at your disposal but also invaluable knowledge to help drive your projects.

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

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ATEX

ANTI-CORROSION

Explosion Proofed & Corrosion Proofed

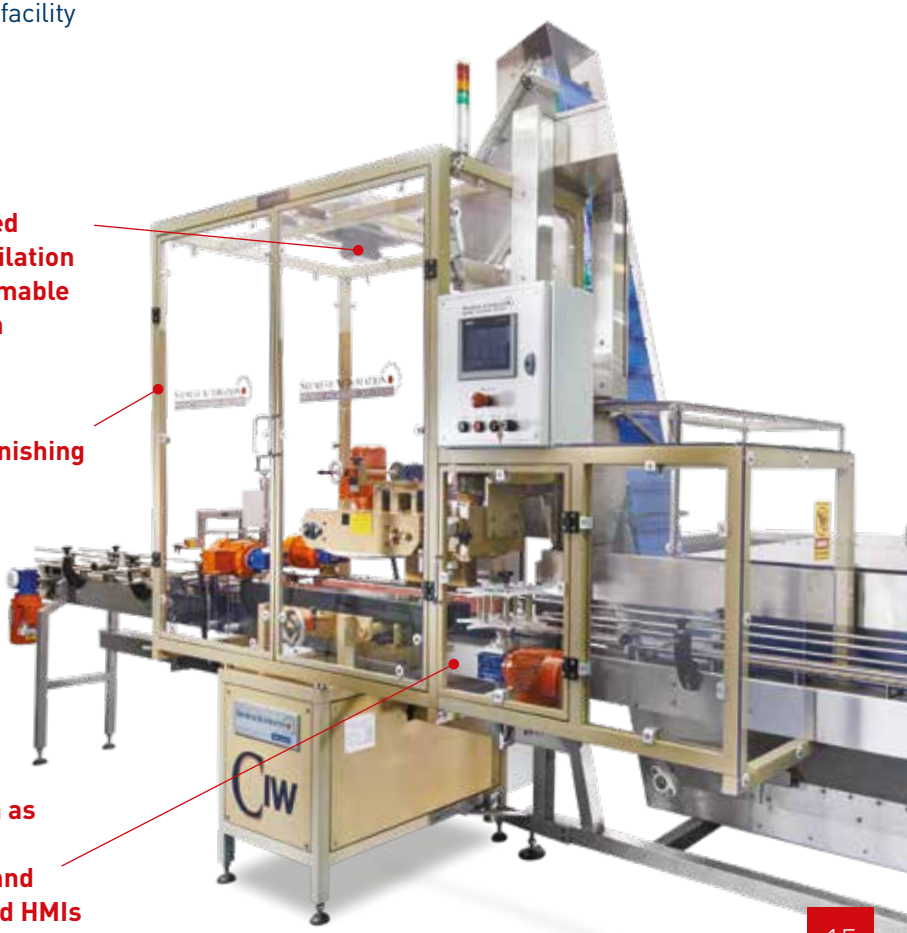
Corrosive or alcohol-based solutions dictate that your equipment is duly fitted to professionally handle these delicate environments. Years of experience in the field made it possible for us to tailor you the exact protection so your production is safe and stable while your people and equipment are well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

Built in ATEX rated commended ventilation systems for flammable fumes evacuation

Clean Machine Finishing

EX approved components such as Siemens motors, Banner sensors and Siemens PLCs and HMIs



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