

TOTAL LABELLING SOLUTIONS



Incredibly fast. Supremely accurate.

- Throughput: Up to 600ppm
- Applicable to containers common to the food & beverage, chemical & cosmetics, pharmaceuticals & health supplements industries
- Utilises only top-of-the-line HERMA (Germany) labelling applicators
- Front, Back, Side, Wraparound, Top, Tamper-Evident and Custom Made labelling solutions available
- Models available offering precise label orientation



Let us build your vision

PLASTIC BOTTLES
MULTI-SIDED LABELLING
GLASS JARS
CYLINDRICAL
SIDE LABELLING
PLASTIC POTS
PHARMACEUTICALS
CONICAL OR OVAL
WRAPAROUND
FOOD INDUSTRY
CHEMICAL
FRONT AND BACK
PLASTIC TUBS
CASES
CANISTERS
ORIENTATION
TOP AND BOTTOM
FOOD INDUSTRY
VIALS
TUBS WITH HANDLES
TAMPER EVIDENT
BUCKETS LABELLING
COSMETICS
NONWOVEN WIPES
PLASTIC POUCHES
FLAT OR CONVEX

A labelling solution for every application

	FUNCTION	TYPE OF PRODUCT	SECTOR	SPEED
LWA Front & Back Labelling machine	Front, back, top, bottom, side application of any type of self-adhesive label e.g. P, PE, opaque, transparent, paper, etc.	Wipes canisters, Glass jars, Cases, Plastic bottles, Vials, Large plastic jugs and many more...	Nonwovens Food and beverage Cosmetics Chemicals Pharmaceuticals	Up to 250 ppm (depending on container and label size)
LWA Wraparound Labeller	Wraparound application of any type of self-adhesive label, e.g. P, PE, paper, etc.	Wipes canisters, Plastic bottles, Glass jars, Plastic pots, Vials and many more...	Nonwovens Food and beverage Cosmetics Pharmaceuticals	Up to 250 ppm (depending on container and label size)
LWA Universal Labeller	Can apply front and back label on front panels, conical or oval products or wraparound labels on cylindrical containers or optional front and back labels with orientation on cylindrical containers	Wipes canisters, Plastic bottles, Glass jars, Plastic pots, Vials and many more...	Nonwovens Food and beverage Cosmetics Chemicals Pharmaceuticals	Up to 250 ppm (depending on container and label size)
Other Labelling Applications	Multi-sided labelling machines, case labelling machines, custom made solutions and tamper-proof labelling	Glass jars, Plastic tubs, Glass bottles, Cases, Plastic bottles and many more	Food and beverage Cosmetics Pharmaceuticals	Up to 600 ppm (depending on container and label size)
Semi-Automatic Labelling	Wraparound labelling for cylindrical products or top and bottom/front and back labelling for flat panels	Glass jars, Plastic tubs, Glass bottles, Cases, Plastic bottles and many more...	Food and beverage Cosmetics Pharmaceuticals	Up to 30 ppm
Carolus Buckets Labeller with Orientation	Application of any type of self-adhesive wraparound label with orientation	Buckets, Tubs with handles	Nonwovens Food and beverage Chemicals	Up to 25 ppm (depending on container and label size)
Kilombo Stacker/Binder System	Organises products into neat stacks and binds them together with a label	Plastic pouches, Magazines/books and many more...	Nonwovens Food and beverage Pharmaceuticals	Up to 150 ppm in various configurations

For over 30 years, Shemesh Automation's ultra-fast and accurate range of labelling machinery has boosted the productivity of corporations in more than 30 countries across the globe.



LWA Labeller series

The **LWA Series** combines German and Israeli engineering excellence to provide the perfect labelling solution for a wide variety of containers.

Whether it's buckets or flat, oval, conical, rectangular or cylindrical containers requiring front, back, side, wraparound, top, bottom, or tamper-evident labelling, we have a proven solution for you.



Quick fact sheet

- **Fully Automatic**
- Throughputs: **Up to 600ppm** depending on label size & container type
- Applicable to containers common to the **food & beverage, chemical & cosmetics, pharmaceuticals, nonwovens & health supplements** industries
- **INDUSTRY 4.0 READY**: SECOMA SiteManager 1139 modem, integrated into the machines' HMI to enable **SMART** remote support, live stats & performance analysis as well as manufacturer enhancement feedback
- Solutions available for a wide range of container shapes from **buckets to flat, oval, conical, rectangular** or **cylindrical** containers
- **Two, Three, or Side** rollers methodology depending on labelling type
- **Front, back, side, wraparound, top & tamper proof** labels applied
- **Ultra-accurate** label orientation available.
- **Three (3) X,Y,Z** coordinates systems for accurate label positioning
- **Servo-driven unwind unit** – maintains a constant web tension, preventing tolerance issues at the peel bar – threading & tensioning the web are very user-friendly
- Label type: **Self-adhesive (PS)**
- Patented **built-in servo motor**
- Labels roll core: **76.2 mm.**
- Max label height: **160 mm** (larger label sizes required)

- Max label roll diameter: **250 mm**
- Max label length: **400 mm**
- Max linear speed of labelling head: up to **180m/min**

Our LWA Series labellers are used by some of the biggest names in the following industries:

- Food and Beverage
- Nonwoven Wipes
- Cosmetics
- Pharmaceuticals
- Chemicals

STANDARD SPEC

- Servo driven **Herma** (Germany) applicators
- **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**

For further information about the LWA Series visit us at www.shemeshautomation.com

Types of applicable labelling



CYLINDRICAL CONTAINERS
WRAPAROUND



CONICAL PRODUCTS
LABELLING



BUCKETS LABELLING



FRONT AND BACK LABEL ON
OVAL CONTAINER



2 FRONT LABELS WITH
ORIENTATION ON CYLINDRICAL
CONTAINER



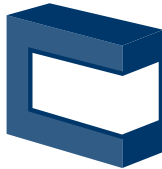
TAMPER-EVIDENT LABELLING



FRONT AND BACK LABELLING
ON CYLINDRICAL CONTAINER



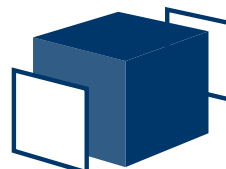
TOP AND/OR BOTTOM
LABELLING



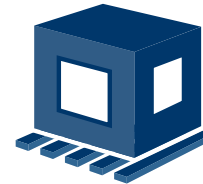
MULTIPLE SIDED LABELLING



TOP AND/OR SIDE AND/OR
BOTTOM LABELLING



FRONT AND/OR BACK
LABELLING ON FLAT PANEL
CONTAINERS

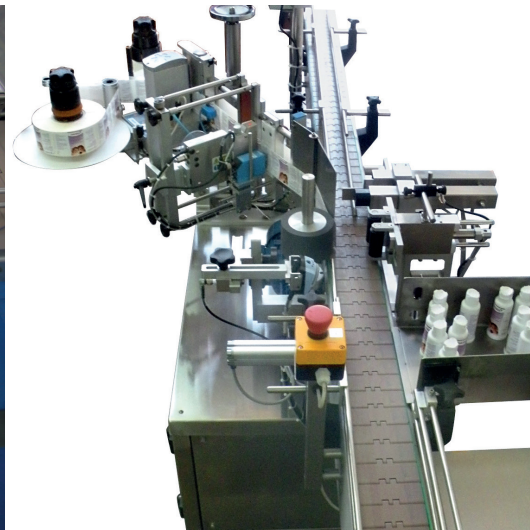
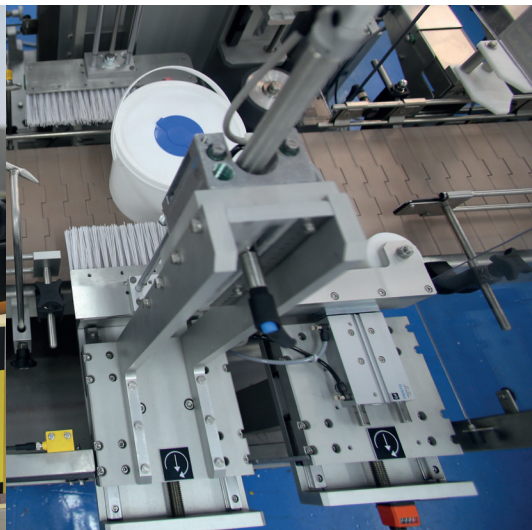
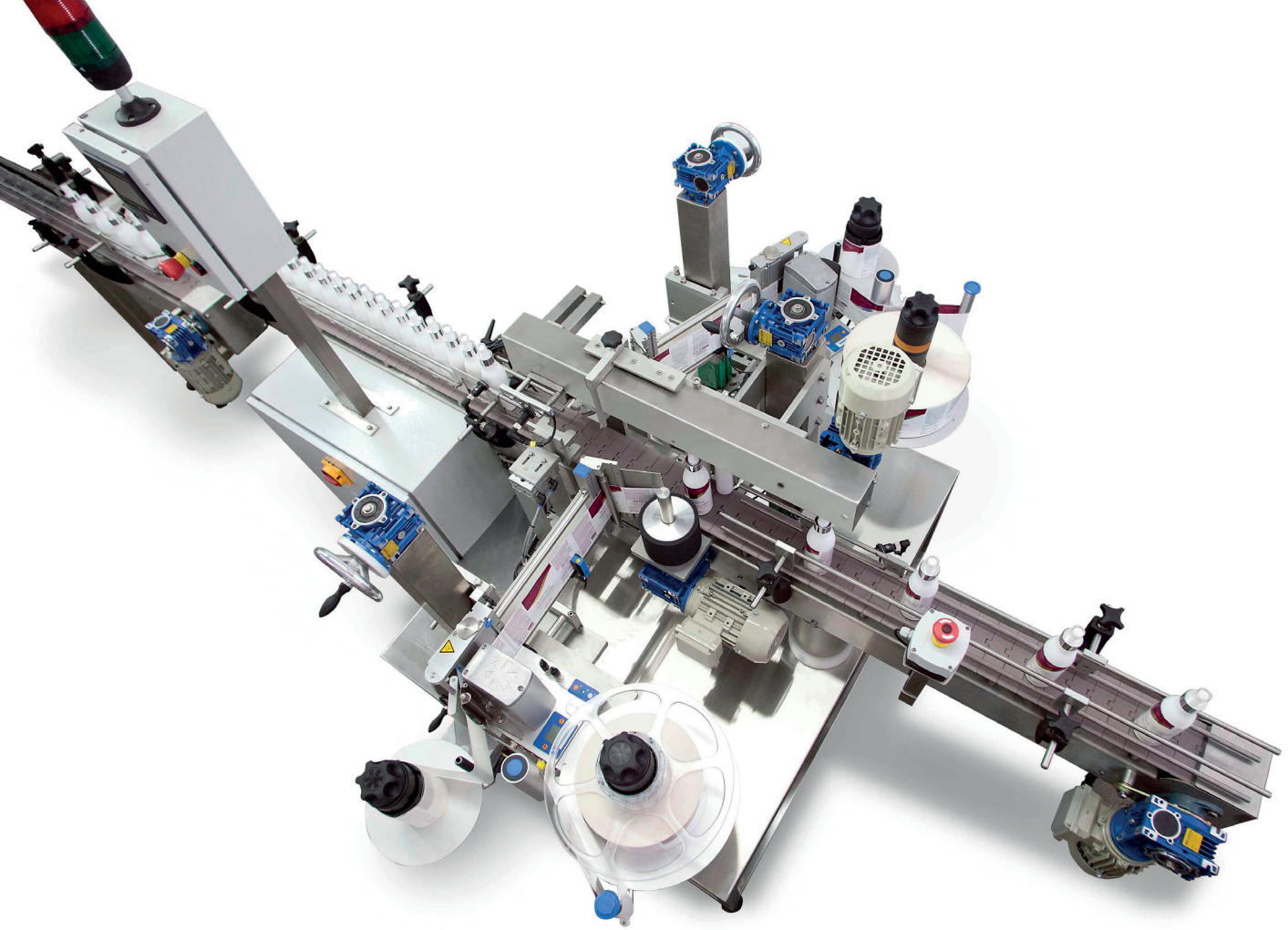


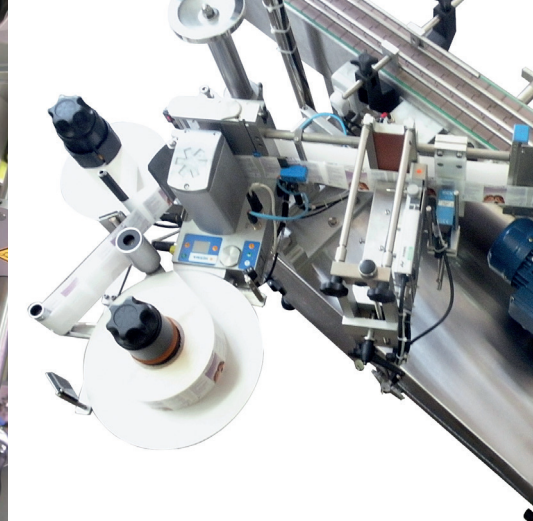
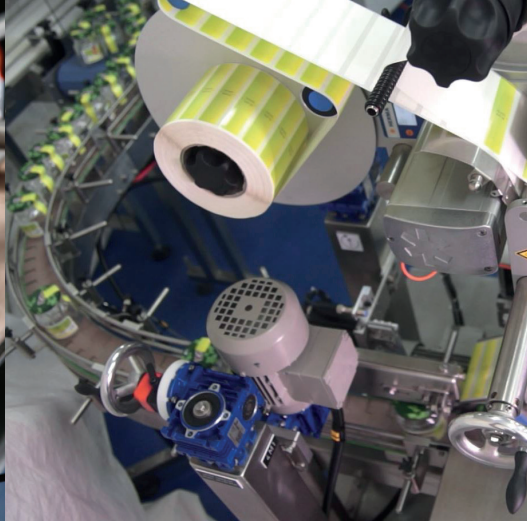
CASE LABELLING

This just scratches the surface of the **LWA Series'** capabilities. Our **LWA labellers** are specifically engineered to handle all labelling requirements common to the food & beverage, chemical & cosmetics, pharmaceuticals, nonwovens & health supplements industries and more.

Contact us via www.shemeshautomation.com to see what we can do for your project.

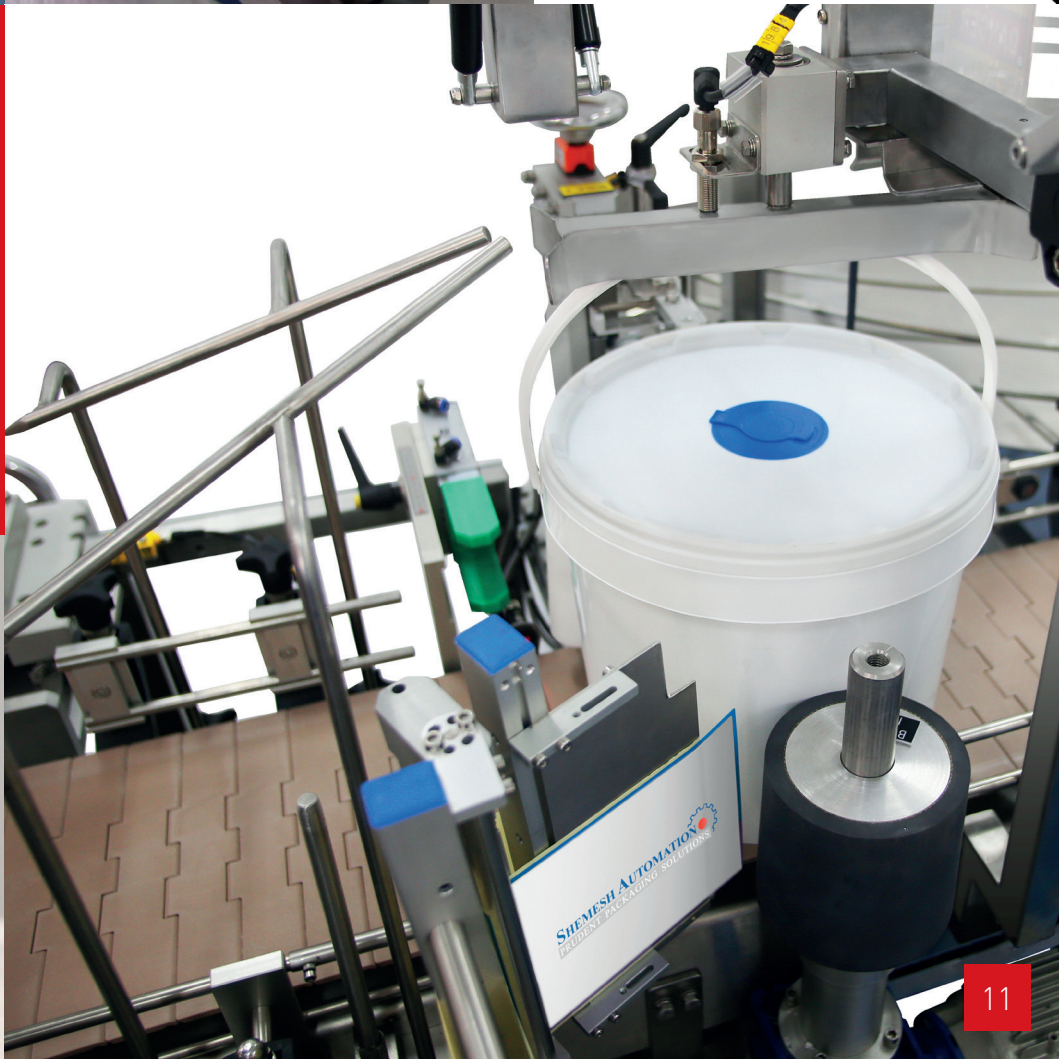






“Shemesh Automation works closely with its customers to unlock maximum productivity, operational flexibility, long-term reliability, safety and efficiency. This, coupled with world-class engineering and out of-the-box mindset, is key to everything we do.”

Nir Baram, Vice President LATAM Sales,
Global After Sales & P.M. Shemesh Automation

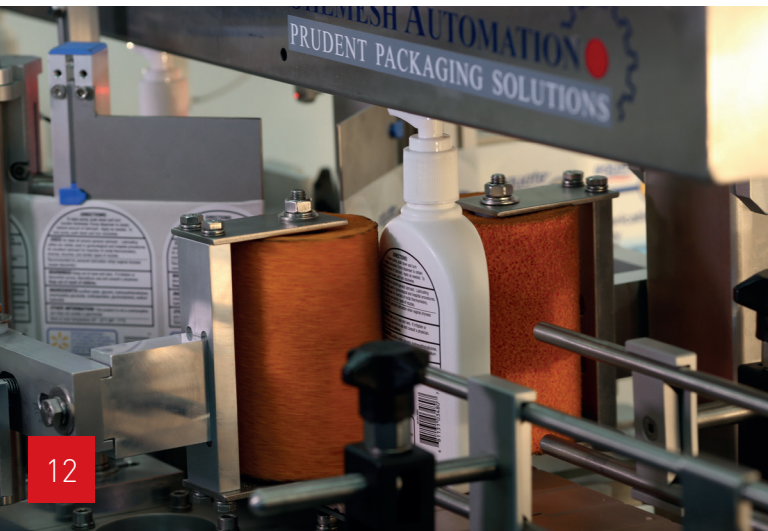
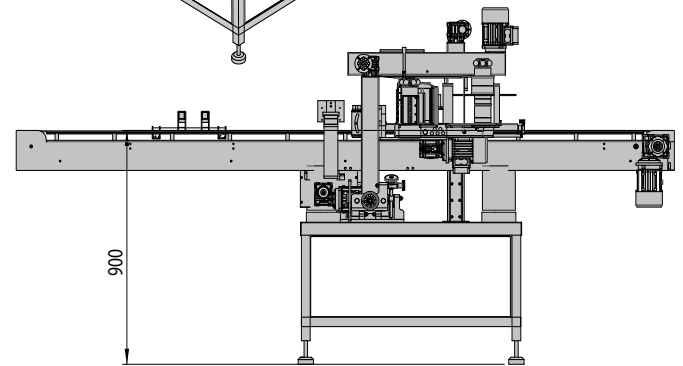
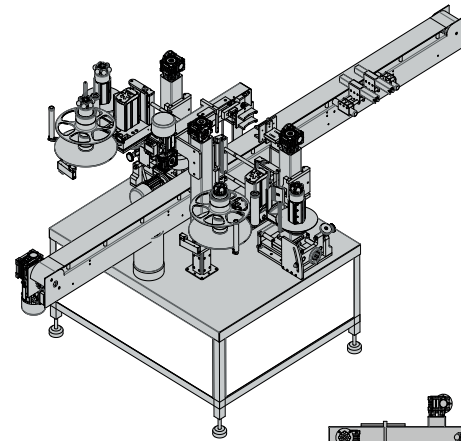


LWA Front and back labelling machine

Perfect for a wide variety of applications the **LWA Front and Back Labeller** can apply any self-adhesive label to the front and back of a wide spectrum of flat panel or oval container types (see table to the right).

The containers are moved to the labelling zone by a set of stainless steel conveyors and are equally gapped and centred along the way.

Then, once in the labelling zone, two side HERMA 400H premium applicators simultaneously apply the front and back labels at speeds of up to 250ppm.



FRONT AND/OR BACK
LABELLING ON FLAT PANEL
CONTAINERS



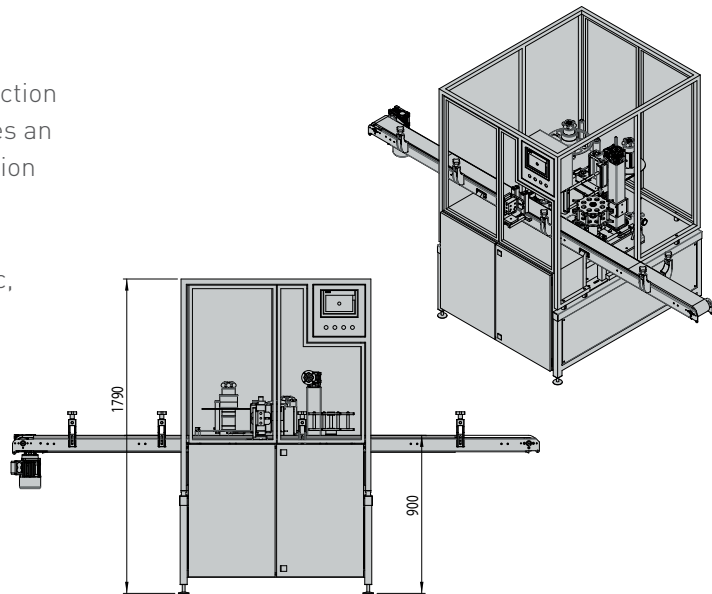
FRONT AND BACK LABEL ON
OVAL CONTAINER

LWA Wraparound labelling machine

The **LWA Wraparound Labeller** utilises Shemesh Automation's three rollers methodology. In conjunction with HERMA's H400 premium applicator, it provides an incredibly fast, sustainable low maintenance solution for applying full or partial wraparound labels to cylindrical packages, typically food, chemical, cosmetics and pharmaceutical products, in plastic, glass or metal bottles, jars etc.



CYLINDRICAL CONTAINERS
WRAPAROUND



	FUNCTION	TYPE OF PRODUCT	SECTOR	SPEED
LWA Front & Back Labelling machine	Front, back, top, bottom, side application of any type of self-adhesive label e.g. P, PE, opaque, transparent, paper, etc.	Wipes canisters, Glass jars, Cases, Plastic bottles, Vials, Large plastic jugs and many more...	Nonwovens Food and beverage Cosmetics Chemicals Pharmaceuticals	Up to 250 ppm (depending on container and label size)
LWA Wraparound Labeller	Wraparound application of any type of self-adhesive label, e.g. P, PE, paper, etc.	Wipes canisters, Plastic bottles, Glass jars, Plastic pots and many more...	Nonwovens Food and beverage Cosmetics Pharmaceuticals	Up to 250 ppm (depending on container and label size)

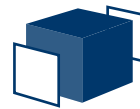
LWA Universal labelling machine

The **LWA Universal Labeller** can apply:

- Front and back labels on flat panels, conical or oval products
- Wraparound labels on cylindrical containers
- Front and back labels with orientation on cylindrical containers.

At Shemesh Automation we understand that versatility is critically important to multi-product customers. The **LWA Universal Labeller** is designed with optimal versatility in mind, automatically applying self-adhesive front and back labels on flat panels, conical or oval products or wraparound labels on cylindrical containers or optional front and back labels with orientation on cylindrical containers.

Engineering a solution with this level of adaptability provides both maximum efficiency and total flexibility while reducing capital costs.



FRONT AND/OR BACK
LABELLING ON FLAT PANEL
CONTAINERS



FRONT AND BACK LABEL ON
OVAL CONTAINER



2 FRONT LABELS WITH
ORIENTATION ON CYLINDRICAL
CONTAINER



CONICAL PRODUCTS
LABELLING



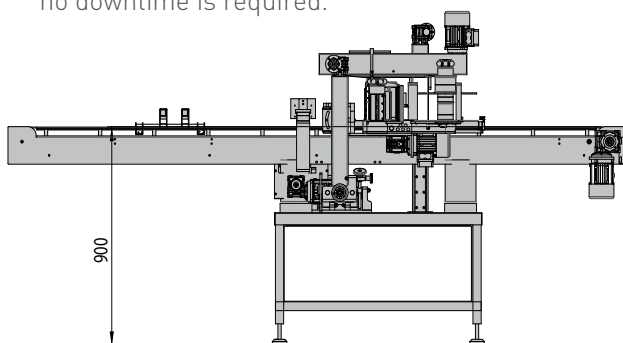
FRONT AND BACK LABELLING
ON CYLINDRICAL CONTAINER



CYLINDRICAL CONTAINERS
WRAPAROUND

The genius of the continuous label rolls magazine is that your production line is made instantly more efficient thanks to continuous non-stop labelling.

Instead of stopping production to dismount an old roll of labels and mounting a new one, the continuous label rolls magazine connects the old roll to the new one, so no downtime is required.



- Continuous means continuous. No need to stop the line for rolls loading
- Traditionally lines stop every 1 hr with a standard magazine, or every 9 mins without
- Contains 2x label rolls each of 600mm diameter
- Each label roll is least 2000m long
- Length of each magazine roll may top 8x that of the labelling applicator roll

	FUNCTION	TYPE OF PRODUCT	SECTOR	SPEED
LWA Universal Labeller	Can apply front and back label on front panels, conical or oval products or wraparound labels on cylindrical containers or optional front and back labels with orientation on cylindrical containers	Wipes canisters, Plastic bottles, Glass jars, Plastic pots, Vials and many more...	Nonwovens Food and beverage Cosmetics Chemicals Pharmaceuticals	Up to 250 ppm (depending on container and label size)

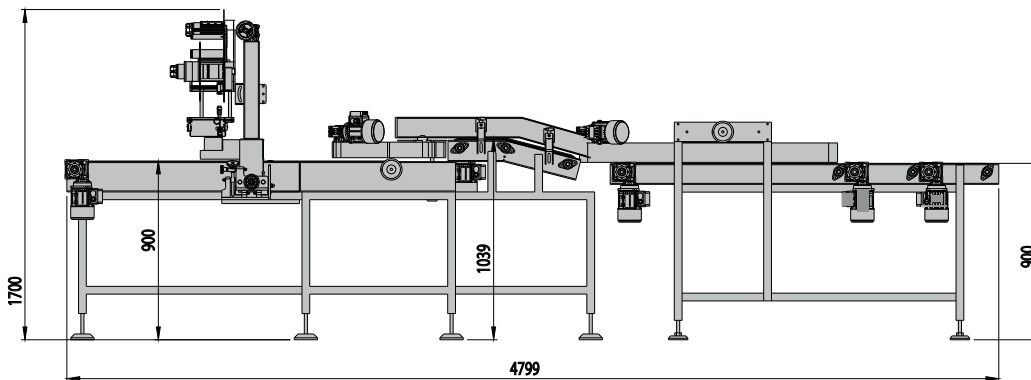
Kilombo stacker/binder system



The **KILOMBO** uses a double lane converging integration system to aggregate single products into regulated, easily managed stacks.

The automatic pack stacker ensures that the product is aligned and oriented into the required stack configuration and presented to the binder labelling applicator.

Here, HERMA (Germany) labelling applicators, engineered specifically for the Shemesh Automation Kilombo, apply the labels on the products so that the stack of the products is bound and fastened together. The Kilombo can stack up to 120ppm in various configurations.



STACKED LABELLING

Shemesh Automation's proprietary XYZ is robust, flexible and allows for extremely fine-tuning of your labelling position.



Other labelling applications



Tamper-evident labelling is available with complete or partial wraparound labelling and front and/or back labelling, with orientation, both to the container and the labels on it – all with one machine!

Shemesh Automation's team of expert engineers have developed a solution for almost any labelling challenge, from multi-sided labelling machines to case labelling machines – we have a solution for you.

For example, in industries where hygiene is paramount, such as Food and Beverage, Pharmaceuticals and Cosmetics, tamper-evident labelling on certain products is an absolute must.

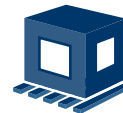
The **LWA tamper-evident top labeller** affixes self-adhesive labels that span the top and side of a container or box. Shemesh Automation's proprietary sensor technology is capable of placing these labels with precision orientation and in tandem with other labels (e.g. wraparound or front labels).



TOP AND/OR SIDE AND/OR
BOTTOM LABELLING



TAMPER-EVIDENT LABELLING



CASE LABELLING



MULTI-SIDED LABELLING

Carolus buckets labeller with orientation

Carolous is a fully automatic buckets labelling machine with label orientation and simultaneous handle lifting.

Shemesh Automation's proprietary three 3-wheel rotating unit and handle detection mechanism locates the handle and rotates the bucket into the correct position for labelling. The handle is then lifted and held while the label is applied to exactly the same position on every bucket.



BUCKETS LABELLING

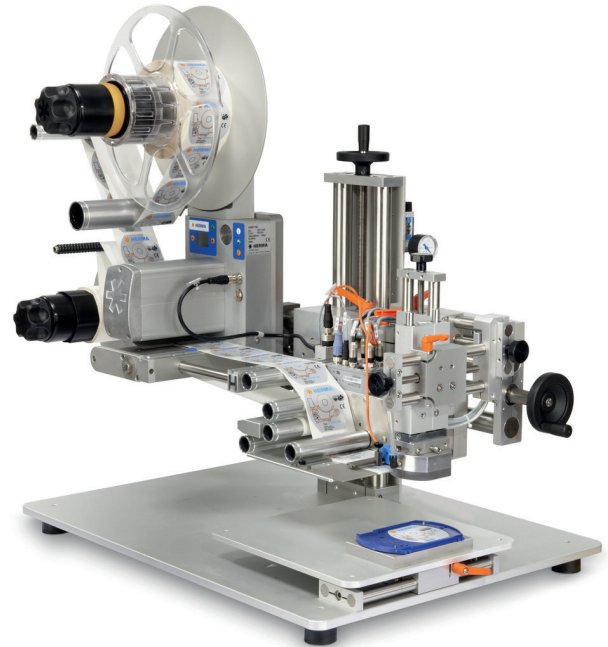




	FUNCTION	TYPE OF PRODUCT	SECTOR	SPEED
Carolus Buckets Labeller with Orientation	Application of any type of self-adhesive wraparound label with orientation	Buckets, tubs with handles	Nonwovens Food and Beverage Chemicals	Up to 25 ppm (depending on container and label size)

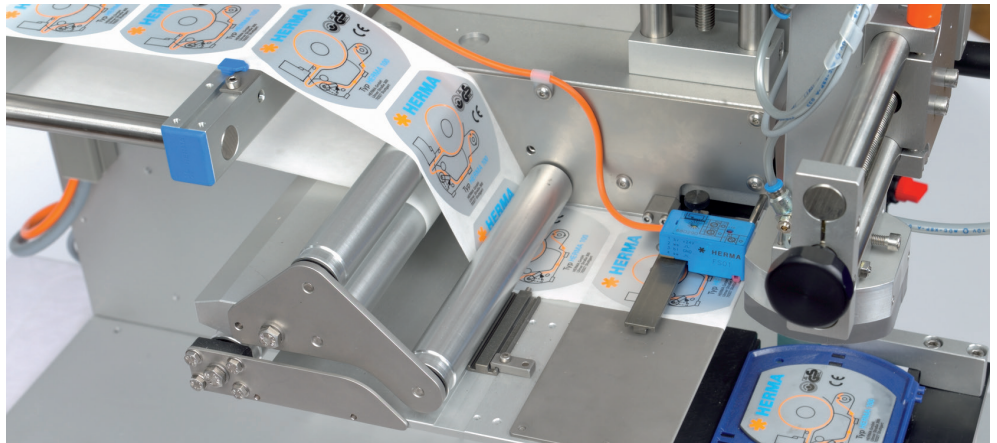
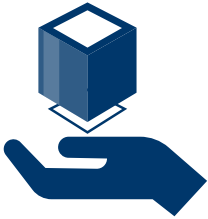
Semi-automatic labelling

Where full automation is not required, Shemesh Automation also has a range of semi-automatic options to cater for a wide range of requirements.

With our semi-automatic solutions, products would be manually fed into the labelling machine, where labels would be automatically applied, before the product is manually removed.



	TYPE OF LABELLING	SPEED	ADVANTAGES
	Wraparound labelling for cylindrical products	Up to 30 ppm	Efficient Low Costs No Change Parts
	Top and bottom labelling for flat or convex surfaces	Up to 30 ppm	Efficient Low Costs No Change Parts



“Since installing the Shemesh all-in-one Xpander wet wipes packer and labeller in our UK plant, we are already benefiting from significant reductions in manufacturing costs and waste while seeing an overall improvement in quality. The small footprint as well as the nearly hands-free, smart automation has resulted in extra factory space for us to increase capacity. Shemesh really understood our business needs and we have since purchased several more of their machines. It is as much about the people behind this great brand as the machines themselves.”

John Prentice, CEO, Allied Hygiene, **UK**.



Shemesh Automation also offers a range of customised labelling solutions – engineered specifically to the needs of your project.



“As the leading brand in sanitization and hygiene products, an impeccably clean packaging process is imperative. Also, in such a competitive market, achieving maximum process efficiency is crucial to maintaining our competitive edge. We were so thrilled at how Shemesh’s Sambax-Z monoblock achieved both of the above that we did not hesitate to return to Shemesh a year later when we needed a complete sanitisers filling line with a universal LWA labeller. Their machines, service, and industry knowledge really are second to none”.

Ron Hoffman, Director of Operations, Durisan, **USA**.

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.

Hampshire, UK Global Headquarters

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



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.

Tel Aviv, Israel R&D and Manufacturing

Operations, R&D, Engineering and Manufacturing.



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...

CAPACITY

x2

Manufacturing sites

...supported in over

30

countries

6

Trade
shows
per year

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.

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ATEX



ANTI-CORROSION

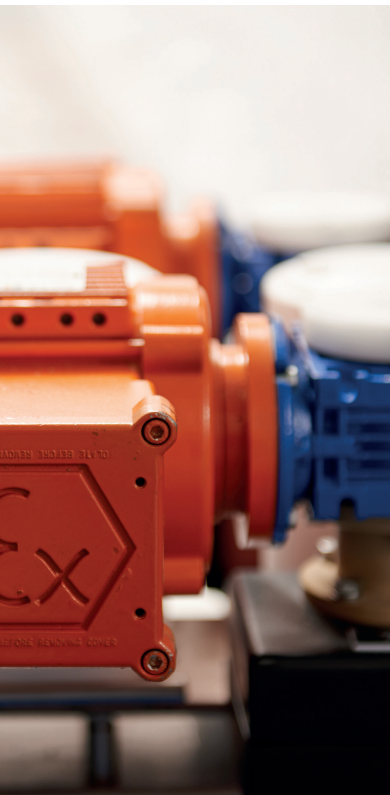


For all sales enquiries please contact us via sales@shemeshautomation.com

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***