

THE BEST WAY TO SAY PACKAGING



Ambra SERIES

Shrink wrap machine

Made in Italy



- ▶ Ambra
- ▶ Ambra **S**
- ▶ Ambra **M**
- ▶ Ambra **SM**
- ▶ Ambra **C**
- ▶ Ambra **SC**
- ▶ Ambra **V**
- ▶ Ambra **SV**

POWERED BY

ATLANTA
NETWORK

Atlanta[®]
PACKAGING TECHNOLOGY & MACHINERY



Only film, pad plus film or tray plus film shrink wrap machine

Ambra Series

The **Ambra Series** is a family of automatic packaging machines with heat-shrink film with film feeder, suitable for secondary packaging of a broad variety of products: glass or PET **bottles, tins, cans, jars, tanks, dispensers, boxes, cases.**

The entire range was designed to be extremely **versatile**; standard models allow **packaging a broad variety of products** that differ as for material, shape and size.

The **Ambra Series** allows packaging with just film, pad plus film or tray plus film.

We understand that each line has specific needs, therefore the models of the **Ambra Series** are designed to be easily **implemented with customized functions** that meet all your needs.



... The machine

- ▶ **Frame and mechanical parts without welding** to ensure utmost efficiency and consistency of performance over time.
- ▶ Each moving part is protected to ensure the **safety of line operators.**
- ▶ Sliding safety guards allow the operator to have full view of the machine, the wide opening ensures **easy access during maintenance** and cleaning.
- ▶ Machine designed to operate over three shifts, with **low energy consumption and silently.**
- ▶ **High efficiency heat-shrink tunnel** even with several lanes in operation.
- ▶ **Touch screen panel** with simple and intuitive interface: this allows the operator to quickly set all parameters.
- ▶ **Quick format changeover** by means of the standard touch screen control panel; it normally does not require replacing parts.
- ▶ Optional **automatic format changeover.**
- ▶ High precision centring of the **printed film also on several lanes.**
- ▶ **Combined product presence check** in the channels, both with feelers and with photocells.
- ▶ Available in partial or full **stainless steel versions.**

Atlanta. The best way to say packaging.



Automatic channelling system for square or shaped products.



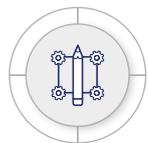
●●● The benefits of the Ambra Series



Excellent quality-cost ratio: minimal maintenance time and costs make it an optimal choice.



Safe: the machine architecture is designed to facilitate inspection, accelerate maintenance and oven emptying.



Designed for your product: the entire product path and its movement are optimised according to the samples you supply.



One, two or three lanes: this allows increasing production capacity and simplifies packaging a second package.



Manuals and technical documentation: available in the language of the country of installation (upon request).
Certifications: meeting the regulations of the target country.



Smart integration: compatible with the most widespread enterprise management (ERP) and software protocols.

●●● Atlanta workflow

▶ **Analysis of the customer's needs:** acquisition of product and production line data, assessment of required performance, identification of machine model.

▶ **Engineering:** definition of technical characteristics and any required customization.

▶ **Production:** the machine is assembled by specialised technicians according to an assembly protocol that ensures continuous control of quality standards.

▶ **FAT (Factory Acceptance Test):** operating test with products and materials supplied by the customer, issue of the acceptance document.

▶ **Training:** the **Atlanta** tutors are technicians trained to transfer all required expertise to your line operators so they can perform routine maintenance independently.

▶ **Installation:** the machine is commissioned and tested by **Atlanta** technicians to ensure utmost efficiency and to train the operators.

●●● Aftersales service

▶ **Scheduled maintenance:** preventative maintenance can be scheduled to optimise and minimise line downtime.

▶ **Remote assistance:** this service is available in various languages and allows providing immediate support to your technicians in the event of an emergency.

▶ **Remote support:** when this service is activated, our technicians can operate directly on the machine software, decreasing waiting time and costs.

▶ **On-site assistance:** this service is provided by a team of multi-language travelling technicians with mechanical and software expertise.

▶ **Spare parts:** storing and supplying service for original spare parts to maintain maximum efficiency of your machine.

Oscillating guides place the products along ordered rows, preparing them for the grouping phase.



One machine, many formats

Ambra Series



RECOMMENDED FOR

- Boxes
- Cans
- Jars
- Tins
- Bottles
- Spray cans
- Tanks
- Trays
- Tubes
- Dispensers
- Bricks

••• Designed to be versatile

The **Ambra Series** is designed for modern production processes that require **quick format changeover**. Easy to use, this bundling machine requires minimal maintenance and allows changing the reel or reloading the magazine in a few minutes.

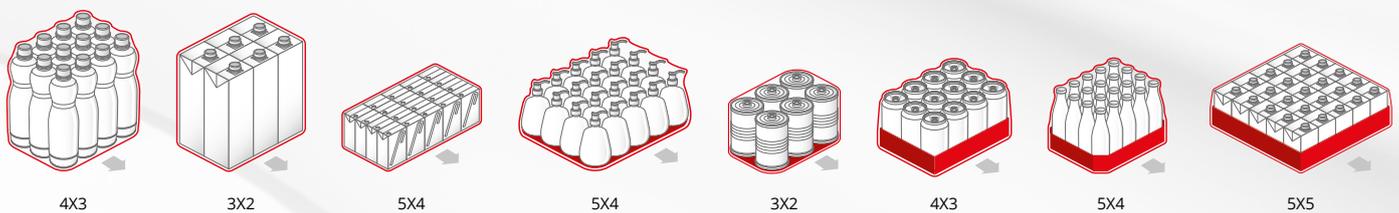
The **Atlanta** format changeover system allows managing a broad range of formats on the same machine, manually or automatically, in short time.

The operator can select the pre-set formats and start production from the **touch screen panel**. The multilanguage interface guides the user through each operation, to minimise the possibility of error.

The **Ambra Series** is an optimal choice for a wide variety of products when simple and quick format changeover is required.

Atlanta technical department designs customized **Ambra** models for products with specific shape or size which require tailored packaging machines.

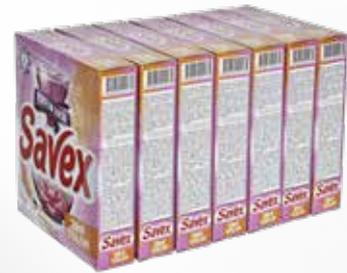
SOME EXAMPLES OF THE MOST USED FORMATS



Atlanta. The best way to say packaging.

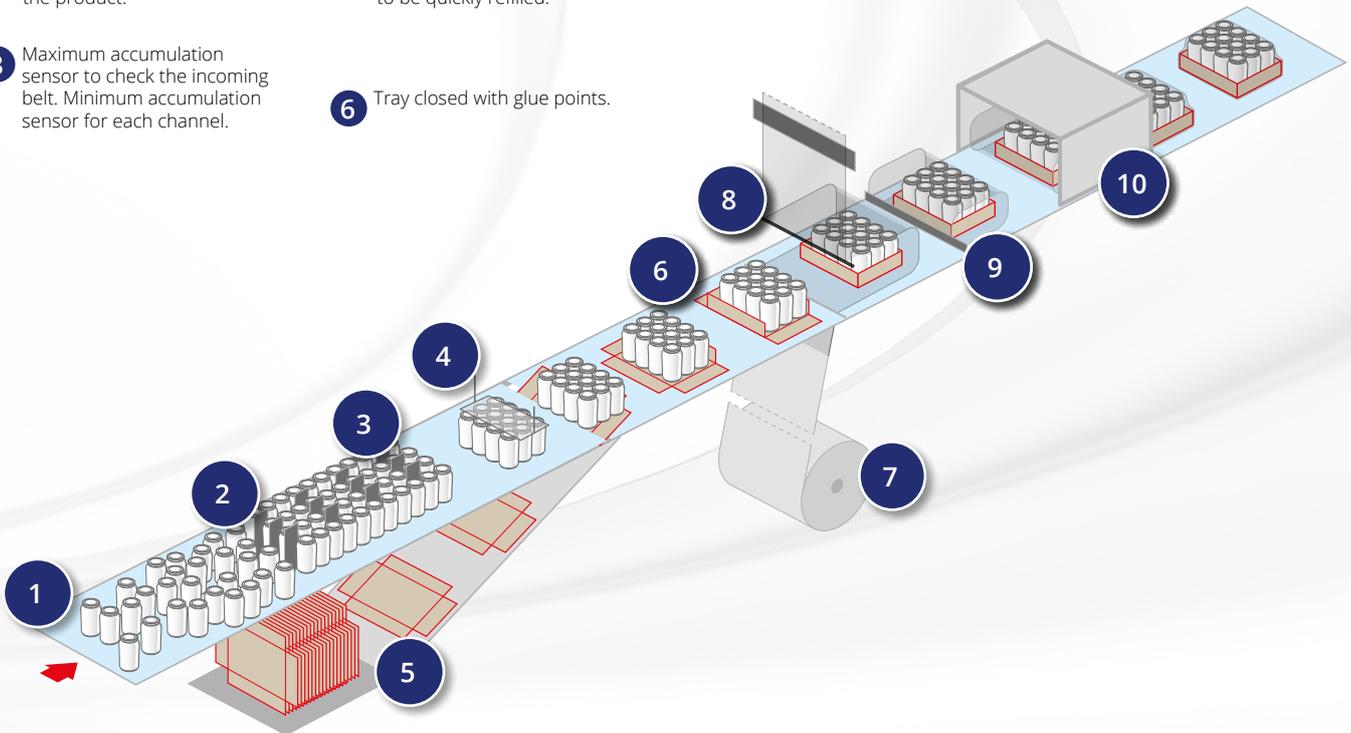
CASE HISTORY

Ambra, always operating even when unstable products are present. The customer required a machine capable of packaging multipacks of hygiene products packaged in boxes with a narrow and uneven support base. The "product accompanying" unit of Ambra was shown to be able to keep the boxes in the proper position.



●●● **Operating diagram**

- 1 Loose product feeding, arriving in-line, on a crossover infeed conveyor, or at 90°.
- 2 Pneumatic anti-jamming unit with oscillating separating bars for proper channelling of the product.
- 3 Maximum accumulation sensor to check the incoming belt. Minimum accumulation sensor for each channel.
- 4 Alternated separation without mechanical gears.
- 5 High capacity blank magazine for pads and trays, located on the bottom, with easy access to be quickly refilled.
- 6 Tray closed with glue points.
- 7 Film feeding by means of a pair of rollers powered by a brushless motor.
- 8 Precision pneumatic film cutting.
- 9 Neutral or printed film wrapping by means of a bar that can be adjusted according to the height of the product.
- 10 High energy output heat-shrinking tunnel.



Shrink wrap machine for heat-film packaging

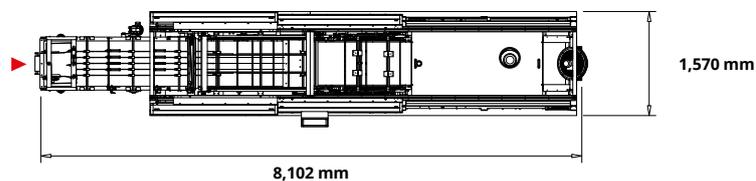
Ambra Series

| Model | Ambra | Ambra S | Ambra M | Ambra SM | Ambra C | Ambra SC | Ambra V | Ambra SV |
|---|----------------|----------|---------|----------|----------|----------|----------|----------|
| PACKAGING | | | | | | | | |
| Film | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | optional | optional |
| Pad + Film | | | | | ✓ | ✓ | ✓ | ✓ |
| Tray + Film | | | | | | | ✓ | ✓ |
| DIMENSIONS | | | | | | | | |
| Length (mm) | 8,102 | 8,102 | 6,542 | 6,542 | 8,102 | 8,102 | 9,651 | 9,651 |
| Width (mm) | 1,570 | 1,570 | 1,570 | 1,570 | 1,570 | 1,570 | 1,570 | 1,570 |
| Height (mm) | 2,108 | 2,108 | 2,108 | 2,108 | 2,108 | 2,108 | 2,108 | 2,108 |
| SPEED packages/minute | | | | | | | | |
| Single lane | 25 | 30 | 25 | 30 | 25 | 30 | 25 | 30 |
| Double lane | 50 | 60 | | | 50* | 60* | 50* | 60* |
| Triple lane | 75 | 90 | | | 75* | 90* | 75* | 90* |
| * function can be activated in film only mode | | | | | | | | |
| FEEDING | | | | | | | | |
| In-line (4 channels) | ✓ | | | | | | | |
| 90° | optional | | | | | | | |
| Double lane | optional | optional | | | optional | optional | optional | optional |
| Triple lane | optional | optional | | | optional | optional | optional | optional |
| Anti-jamming unit | ✓ only in-line | | | | | | | |
| SEPARATION | | | | | | | | |
| Base | | | ✓ | ✓ | | | | |
| Long crossbars | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ |
| OVEN | | | | | | | | |
| Heat-shrink tunnel | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| PAD - TRAY MAGAZINE | | | | | | | | |
| Capacity | | | | | 500 | 500 | 500 | 500 |

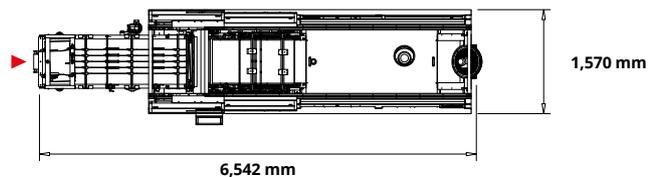
| SPECIFICATION | |
|----------------------------|-----------------------------|
| Cutting blade length | 700 mm |
| Installed power | 45 kW - 50 kW |
| Voltage | 400V - 3-Phase/50Hz + N + G |
| Auxiliary voltage | 24V DC/AC |
| Electrical protection | IP54 |
| Compressed air consumption | 100 NI/cycle at 6 bar |
| Operating temperature | min +5°C - max +40°C |
| Relative humidity | max 70% |
| Total weight | 3300 - 4000 kg |
| Product presence check | feelers + photocells |
| Machine colour | ■ RAL 7037 ■ RAL 3020 |

| OPTIONAL | |
|--|---|
| Automatic format changeover | Teleservice - Remote support |
| Printed film: centring | Second reel holder |
| Double or triple lane for small formats | Adjustable feeding guides with handwheels |
| Manual or automatic centralized lubrication | Motorized crossover infeed conveyor |
| Photocells for product presence check after separation phase | Pneumatic motor to empty oven in case of power shut off |
| Partial or total stainless steel version | Customized RAL colour |
| 4.0 Industry | Electrical panel air conditioning |

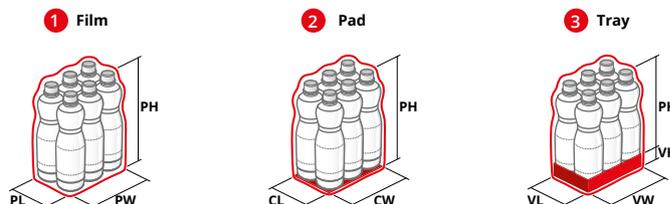
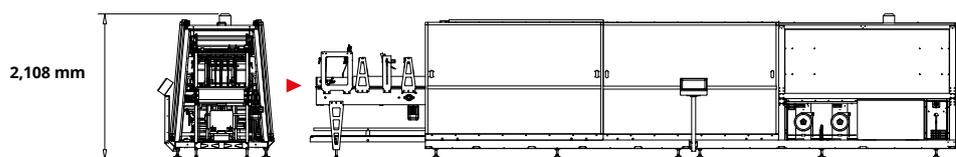
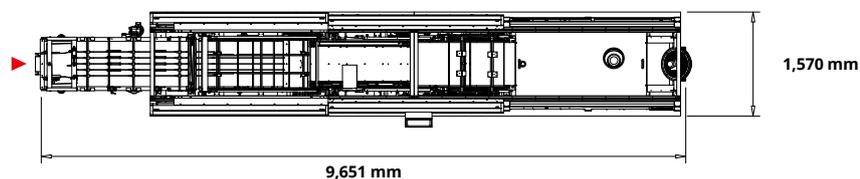
| | |
|----------|-----|
| Ambra | 1 |
| Ambra S | 1 |
| Ambra C | 1 2 |
| Ambra SC | 1 2 |



| | |
|----------|---|
| Ambra M | 1 |
| Ambra SM | 1 |



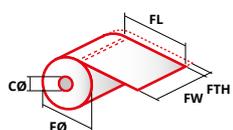
| | |
|----------|-------|
| Ambra V | 1 2 3 |
| Ambra SV | 1 2 3 |



| MINIMUM/MAXIMUM PRODUCT FORMATS | | |
|---------------------------------|---------|---------|
| 1 Film | Minimum | Maximum |
| PW | 100 mm | 500 mm |
| PL | 50 mm | 320 mm |
| PH | 60 mm | 400 mm |
| 2 Pad | Minimum | Maximum |
| CW | 150 mm | 500 mm |
| CL | 100 mm | 320 mm |
| PH | 60 mm | 400 mm |
| 3 Tray | Minimum | Maximum |
| VW | 200 mm | 500 mm |
| VL | 100 mm | 320 mm |
| VH | 30 mm | 100 mm |
| PH | 60 mm | 400 mm |

Atlanta reserves the right to change the design and/or specification of products without prior notice. Part of this information is general only; the customer must ensure they apply to their needs; some functions are optional; out of scale drawings are valid as a description only.

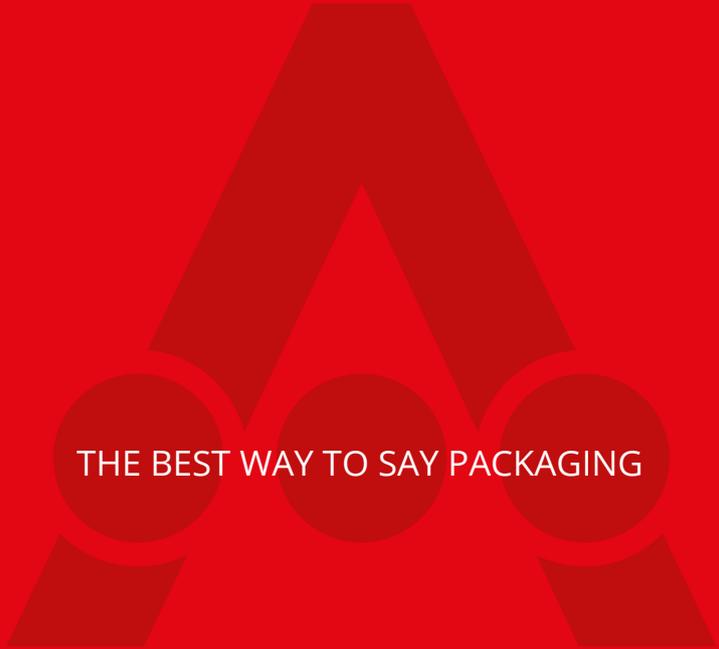
FILM REEL DIMENSIONS



| | Minimum | Maximum |
|-----|----------|----------|
| FØ | | 500 mm |
| CØ | | 75 mm |
| FW | 200 mm | 680 mm |
| FL | 300 mm | 1,300 mm |
| FTH | 35-40 µm | 90 µm |

Data to be confirmed upon viewing the sample.

MEASURES REFER TO STANDARD PRODUCTS
PRODUCTS OUTSIDE THIS RANGE CAN ALSO BE MANUFACTURED.
Data to be confirmed upon viewing the sample.



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