

EN

ASV LINE

OMET





AUTOMATIC LINE FOR INTERFOLDED PRODUCTS

The easy-to-use and highly modular OMET machine for the production of high-speed interfolded tissue products.

The ASV Line is an innovative automatic interfolding line that combines extensive modularity, ease of use and high productivity. This line is the result of a careful technological research with innovative and patented operating principles. Its complete automation allows considerable savings on personnel costs and a consequent reduction in accident risks.

The ASV Line embodies the essential requirements that have always been sought by the user: **high levels of quality and quantity of the product, simplicity of use and low investment costs.**

PRODUCTS

- ☰ 1, 2 or 3-ply paper towels
- ☰ 2, 3 or 4-ply facial tissue
- ☰ 2-3-ply toilet paper

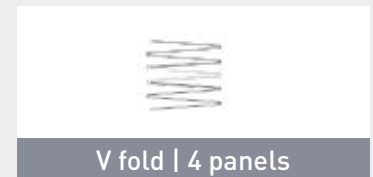
CONFIGURATIONS

- ☰ In-line
- ☰ Mirror
- ☰ 90 degrees



AVAILABLE FOLDS

INTERFOLDED ▼



HIGH FLEXIBILITY IN CONFIGURATION

The ASV Line can be designed and configured in a flexible way according to the needs of the user with the addition of several functional modules.

Configurable modules

- ☰ Unwinders
- ☰ Embossing units
- ☰ Lamination units
- ☰ Interfolding head
- ☰ Longitudinal slitting units
- ☰ Calander
- ☰ Lotion application system
- ☰ Wheel knurling
- ☰ Banding
- ☰ Log saw
- ☰ Multiblade system

The modular solution for the production of interfolded towels, kitchen towels, facial tissue and interfolded toilet paper.

STRENGTHS OF ASV LINE

PATENTED VACUUM FOLDING SYSTEM

The innovative vacuum folding system uses a **vacuum technology designed and patented by OMET** which distributes the vacuum along the whole length of vacuum rolls, making maintenance operations on the folding rolls extremely simple.

HIGH PERFORMANCE

High productivity with a production speed of **over 300 m/min.**

EASY TO USE

Thanks to the latest technologies implemented on the ASV Line, the machine is **fully automatic and easy to use for the operator**, with an essential and intuitive interface.

EASY MAINTENANCE OF FOLDING ROLLS

The patented OMET folding system has been **designed to make the folding rolls maintenance operations extremely easy**: it does not require the extraction of the vacuum rolls, it does not require the intervention of specialized technicians and it does not require new timing after the intervention. In this way **maintenance times and costs are drastically reduced.**



Interfolded tissue towels



Kitchen interfolded tissue



Interfolded toilet paper



Facial tissue





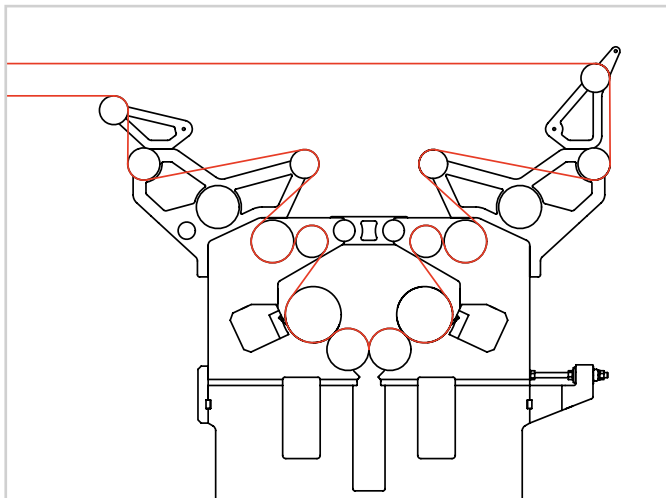
AUTOMATIC INTERFOLDING LINE

This automatic interfolding line is extremely modular and capable of responding specifically to different production needs.

The configurability of the ASV Line is extremely high and it concerns the additional units for product customization, as well as the very heart of the machine.

ASV Line Tornado

The ASV Line Tornado is equipped with the folding system patented by OMET, which allows the distribution of the vacuum along the whole length of the rolls, enabling to use a head from 1500 mm up to 3600 mm, with a production capacity of over 300 m/min.



PERFORMANCE/TECHNICAL DATA

Working width	Up to 3600 mm
Mechanical speed	300 m/min
Max. continuous output	Over 20 logs/min

Technical data contained in this sheet are not binding. OMET is entitled to change the features of the products without prior notice.



The Green Side of Tissue

Particular attention has been paid to the sizing and design of the sections and geometry of the vacuum ducts in order to minimize pressure drops and **optimize the air fluid**. Important benefits have been obtained in terms of **energy savings** and **efficiency of the suction system** following an in-depth study aimed at slowing down the gas speeds. This allows us to obtain minimum differential pressures in environments where the gaseous pressure is lower than the atmospheric pressure.

LAMINATION/EMBOSSING UNITS

The ASV Line can handle different types of embossers and different motorization systems to specifically meet the particular finishing requirements.



▶ Avant lamination unit

1. 330 mm diameter roll
2. Mechanical transmission system
3. Easy and prompt rolls change system
4. Lamination unit configurable with traditional or carbon doctor blade



▶ Evolve lamination unit

1. 350 mm diameter roll
2. Independent motors and automated system
3. Prompt change of steel and rubber rolls with automatic extraction
4. Carbon doctor blade
5. Electronically controlled glue dosage



AVAILABLE EMBOSSING UNITS

1. NESTED embosser with lamination unit
2. DERL embosser with lamination unit
3. Steel - Rubber
4. Steel - Steel



PRINTING UNITS

ASV Line can be equipped with printing units to produce towels, kitchen towels and personalized toilet paper. This possibility allows further capabilities for product customization.

LAMINATION UNIT

With servo-driven axes





AUTOMATIC TRANSFER

Automatic and servo-controlled log unloading system, able to guarantee absolute precision in counting and exchanging with subsequent logs



AUTOMATIC INTERFOLDING HEAD WITH EASY PLY SYSTEM



ONE OR TWO CHANNEL LOG SAW

The log cutting system can be configured with an orbital log saw, able to handle 200 clips/min, or with a multi-blade system, automatically adjustable, capable of handling over 20 logs/min

INNOVATION WITH PASSION



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MAGAZINE

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