

The modular solution for the production of interfolded towel, kitchen towel, facial tissue and 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 roller.

HIGH PERFORMANCE

High productivity with a production speed of **250 mt/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's not necessary to extract the vacuum cylinders, neither the intervention of specialized technicians and to be re-phased after the intervention. In this way **maintenance times and costs are drastically reduced.**



Interfolded tissue



Kitchen interfolded tissue



Interfolded toilet paper



Facial tissue



INNOVATION WITH PASSION



AUTOMATIC INTERFOLDING MACHINE

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

The ASV 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 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 easy maintenance.**

PRODUCTS

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

CONFIGURATIONS

- ▶ in-line
- ▶ mirror
- ▶ 90 degrees

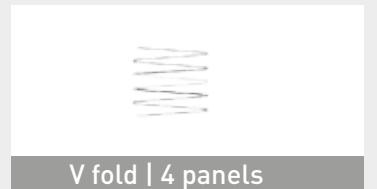
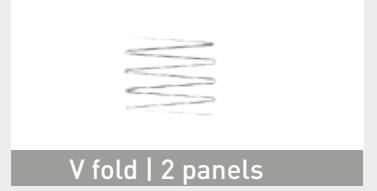


KIND OF FOLD

ASV Line allows the fold change of the final products.

Some available fold

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
- ▶ Interfolded head
- ▶ Longitudinal slitting units
- ▶ Calender
- ▶ Fluid application system
- ▶ Wheel knurling units
- ▶ Banding units
- ▶ Log saw
- ▶ Multiblade system / Gang saw



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AUTOMATIC INTERFOLDING LINE

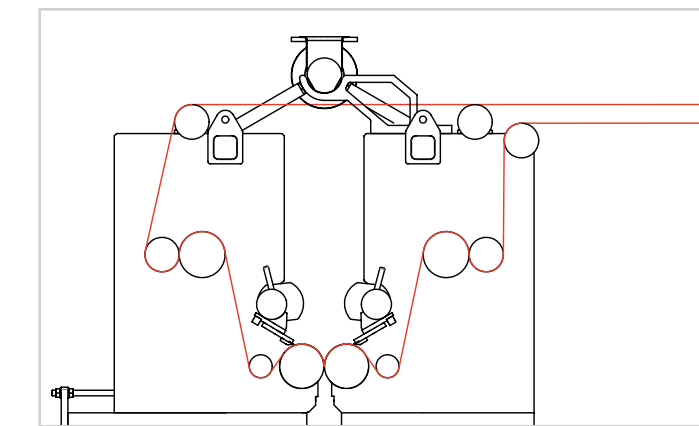
The extremely modular interfolding machine ASV Line offers two versions distinguished by their different folding units and a wide range of finishing units, in order to specifically fulfill different production needs.

The ASV line is extremely highly configurable, not only concerning the additional unit for the product customization, but also the very heart of the machine. For various production needs, OMET offers two different technologies for the folding head.

Two different types of interfolding head for various production needs allow to create a tailored machine which fits the real production requirements.

ASV Line Storm

The ASV Line Storm is equipped with side suction bells and two folding and cutting rollers of the panel. This folding system allows to use a head up to 1500 mm and has a production capacity up to 150 m/min.



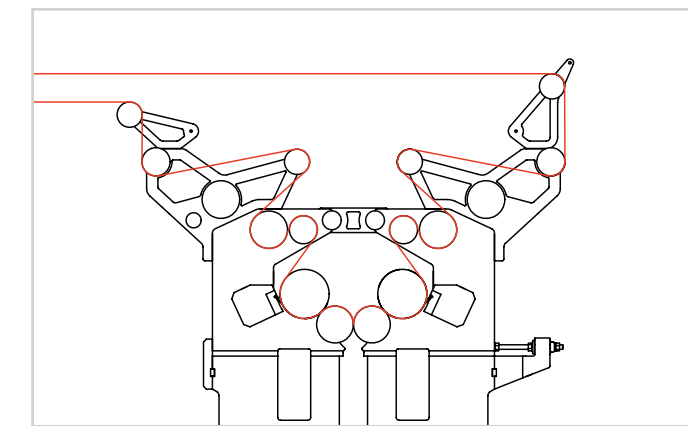
PERFORMANCE / TECHNICAL DATA

Maximum paper width	up to 1500 mm
Maximum speed	150 m/min
Maximum nr° of logs	15 logs/min

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

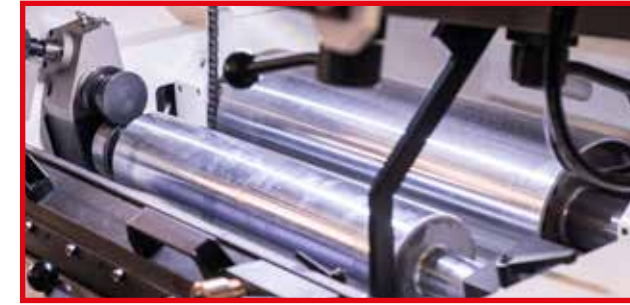
ASV Line Tornado

The ASV Line Tornado is equipped with the folding system patented by OMET which allows the distribution of vacuum along the entire length of the rollers, enabling to use a head from 1500 mm up to 3300mm, with a production capacity up to 250 m/min.



PERFORMANCE / TECHNICAL DATA

Maximum paper width	up to 3300 mm
Maximum speed	250 m/min
Maximum nr° of logs	20 logs/min



PRINTING UNITS

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

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 roller
2. Mechanical transmission system
3. Easy and quick rollers change system
4. Lamination unit configurable with traditional or carbon doctor blade



▶ Evolve lamination unit

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



AVAILABLE EMBOSSING UNITS

1. NESTED embossing/lamination unit
2. DERL embossing/lamination unit
3. Steel to Rubber unit

LAMINATION UNIT



AUTOMATIC TRANSFER

Automatic log unloading system, servo-controlled, in order to guarantee absolute precision in counting and during the exchange with the following logs.



AUTOMATIC INTERFOLDING HEAD WITH EASY PLY SYSTEM



LOG SAW

The log cutting system can be configured with an orbital log saw, able to handle 160 clips/min, or with a multiblade system able to handle up to 20 logs/min. Furthermore, the automatic adjustable multiblade system allows the modular management of the final clips size.