

EN

ASV
LINE
OMET





PERFORMANCE, PRECISION, AND FLEXIBILITY FOR INTERFOLDED PRODUCTS

OMET’s solution for interfolded products that combines efficiency, precision, and flexibility at every stage of the production process.

The ASV Line is OMET’s automatic interfolding line, offering modularity, ease of use, and high productivity. Developed through extensive technological research and patented solutions, it provides full automation that reduces operating costs and simplifies production management.

Designed to meet the highest user requirements, the ASV Line delivers superior-quality interfolded products, ensuring consistent performance, easy and fast maintenance, and optimized workflow at every stage of production.

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



HIGHLY FLEXIBLE IN CONFIGURATIONS

The ASV Line can be configured modularly and adapted to specific production requirements, thanks to the integration of multiple functional modules.

Configurable modules

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

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

UNIQUE FEATURES OF THE ASV LINE

PATENTED FOLDING SYSTEM

OMET’s vacuum folding technology distributes vacuum along the entire roll length, ensuring maximum process stability and simplifying adjustments and maintenance.

CONSISTENT PERFORMANCE

With speeds over 300 m/min, the line guarantees reliable performance and uniform product quality.

EASE OF USE

Thanks to a high level of automation and an intuitive interface, line operation is immediate, reducing setup times and simplifying daily operations.

QUICK MAINTENANCE

OMET’s patented folding system allows fast replacement of roll seals without complex interventions or long machine stops, significantly reducing maintenance time and costs.

AVAILABLE FOLDS

INTERFOLDED



V fold | 2 panels



V fold | 4 panels



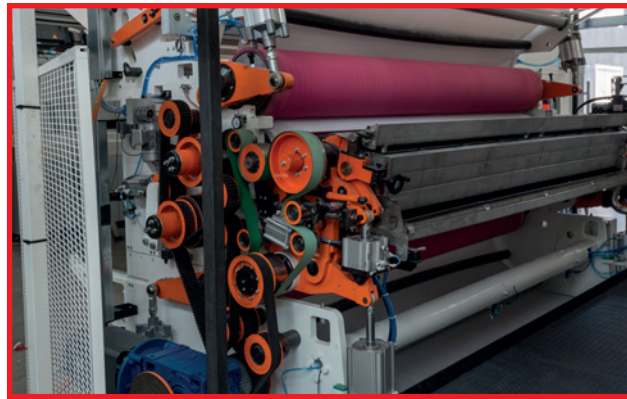
MODULAR SOLUTIONS FOR EVERY NEED

The ASV Line offers modular and flexible solutions that combine **precision, efficiency, and ease of operation**, allowing the integration of different modules according to production requirements and delivering consistently high-quality, customized products.



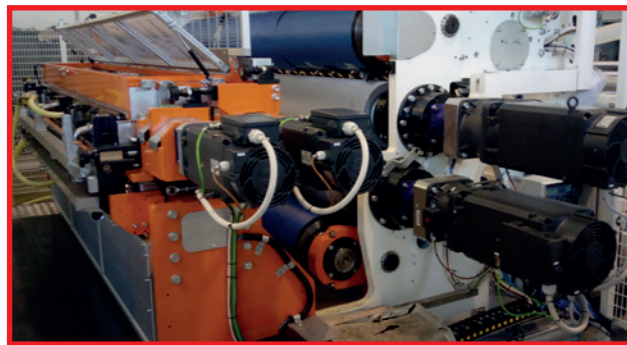
LAMINATION/EMBOSSING UNITS

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



► Avant lamination unit

1. Roll diameter: 330 mm
2. Mechanical transmission system
3. Quick and easy roll change system
4. Glue applicator unit configurable with traditional or carbon doctor blade



► Evolve lamination unit

1. Roll diameter: 350 mm
2. Independent motors with automated system
3. Quick 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



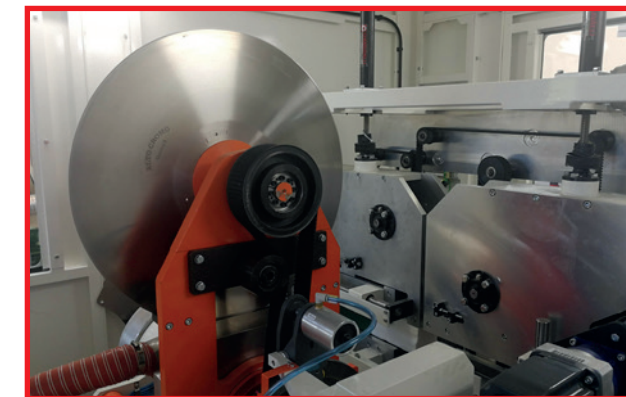
LOTIONS APPLICATOR UNIT

1. **Precise and adjustable dosing:** lotion quantity is electronically controlled, ensuring uniformity on each sheet
2. **Uniform application:** roller or spray systems provide consistent distribution with minimal waste
3. **Modular compatibility:** can be integrated with laminating, embossing, and printing units without slowing the line
4. **Easy cleaning and maintenance:** designed for quick disassembly of components in contact with lotion
5. **In-line automatic adjustment:** allows changing the applied amount without stopping production



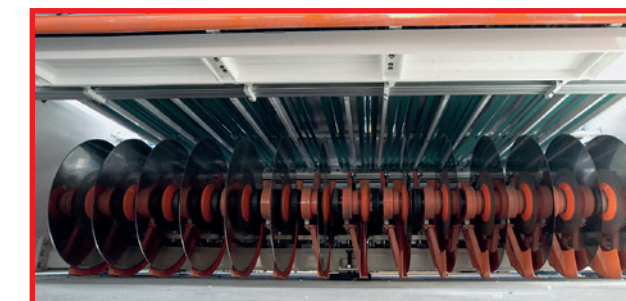
PRINTING UNITS

The ASV Line can be equipped with printing units to produce **customized products** such as towels, kitchen towels, and toilet paper, expanding the possibilities for **product personalization and design**.



LOG SAW

1. High-precision cutting
2. Orbital log saw
3. Capable of up to 200 cuts per minute
4. Clip length automatically adjustable from the operator panel



MULTI-BLADE GANG SAW

1. Fast and precise cutting
2. Automatically adjustable, capable of handling over 20 logs per minute
3. Configurable for different sizes and formats
4. Ideal for managing various product formats



AUTOMATIC INTERFOLDING HEAD

The line performs sheet separation quickly, precisely, and consistently, ensuring uniform alignment and optimal product quality.

LAMINATOR

- Supports different grammages and material types
- Quick roll change to reduce machine downtime
- Servo-driven shafts for precise and synchronized roll movements

BANDER

- For customized packaging solutions
- Suitable for various log formats and sizes

DECOR EMBOSING SECTION

- One or more units, according to production needs
- Easily selectable from the HMI for maximum versatility and immediate use
- Allow full customization of the final products

UNWINDER

- One or more unwinders, depending on production requirements
- Variable-width reels for maximum flexibility

LOG SAW

- One or two channels
- Automatically adjustable log length
- Fast and continuous log evacuation



The ASV Line is a fully modular interfolding line, designed to adapt to a wide range of production requirements.

OMET's **patented folding system** ensures uniform vacuum distribution along the entire length of the rolls, allowing the handling of heads with variable widths up to 5600 mm.

This technology enables a production speed of over 300 m/min, consistently delivering **stability, precision, and high-quality products**.

Every component has been developed to ensure **maximum operational efficiency**, reducing setup times and simplifying in-line adjustments.

The combination of advanced technologies, optimized vacuum management, and modular design makes the ASV Line a **versatile, reliable solution**, ready to evolve with the changing needs of the market and customers.

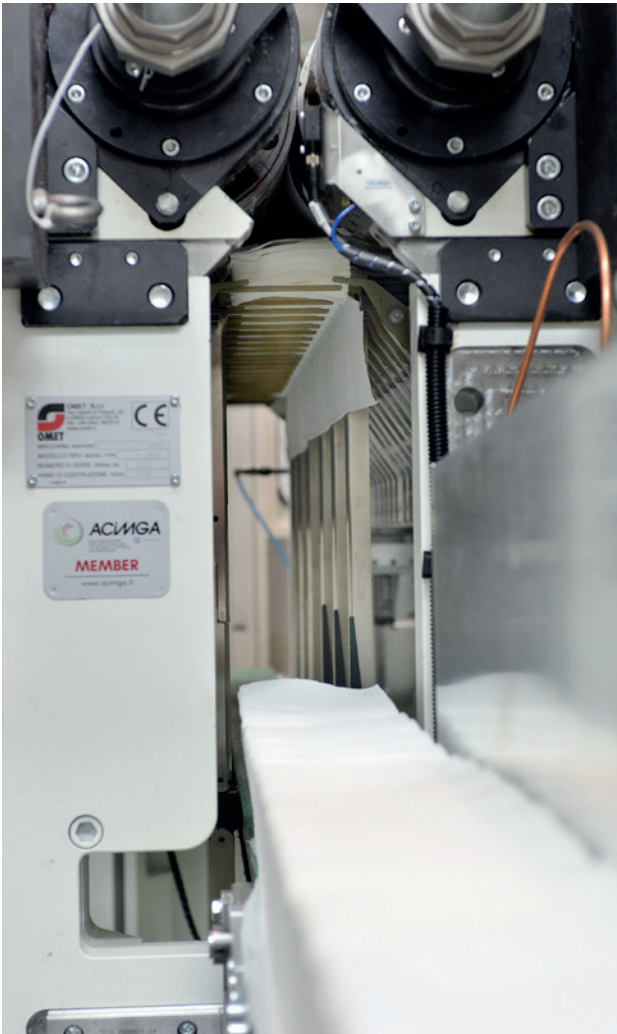
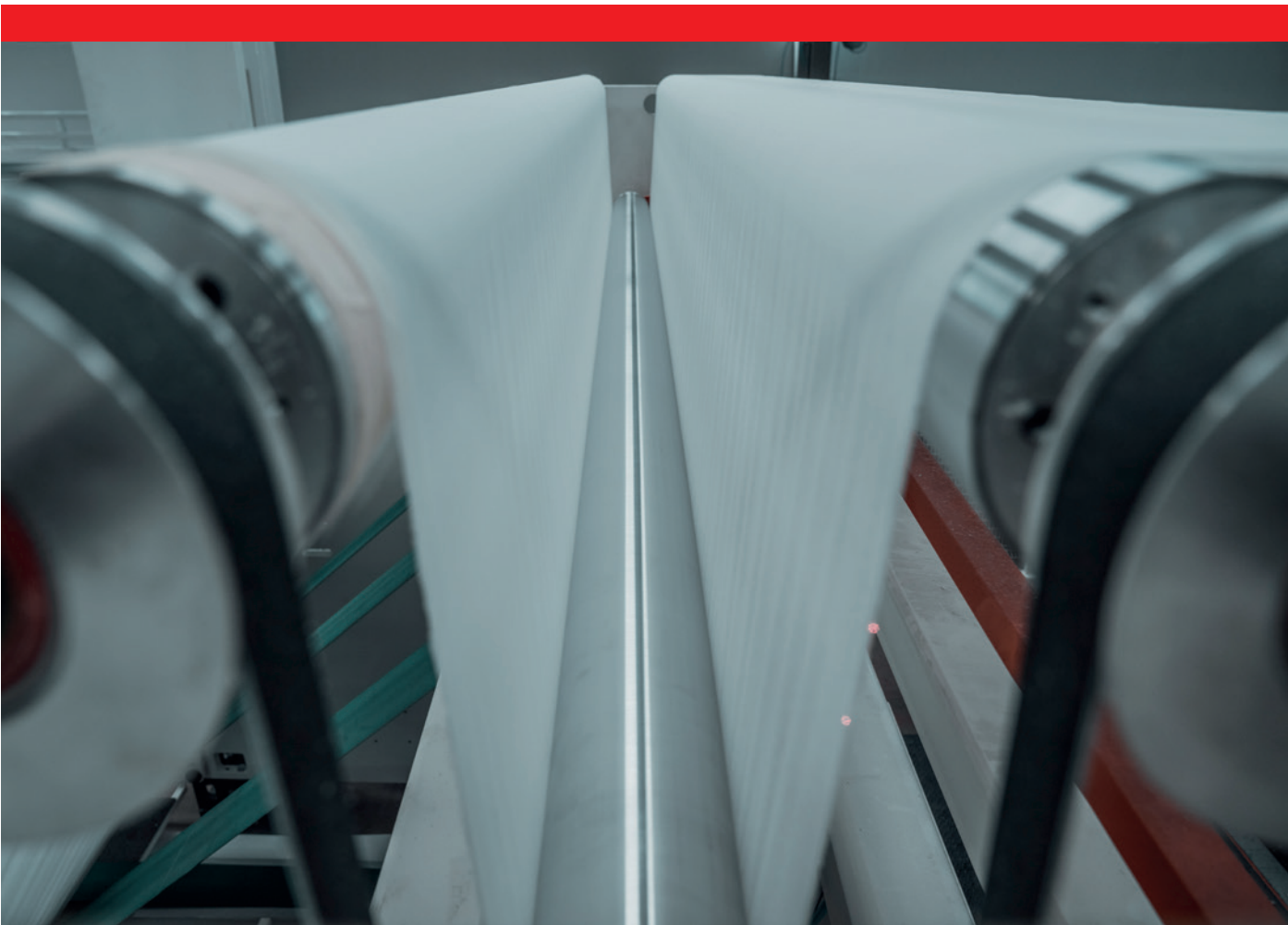


PERFORMANCE/TECHNICAL DATA

Max. reel width	5600 mm
Max. reel diameter	3000 mm
Mechanical speed	300 m/min
Max. continuous output	Over 22 cycles/min
Folding technology	Vacuum
Convertible material	1,2,3-ply tissue

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

ASV Line: maximum speed, precision and reliability in every operation, turning production challenges into a competitive advantage.



Interfolded tissue towels



Kitchen interfolded tissue



Interfolded toilet paper



Facial tissue



KEY BENEFITS

SUSTAINABLE SOLUTIONS

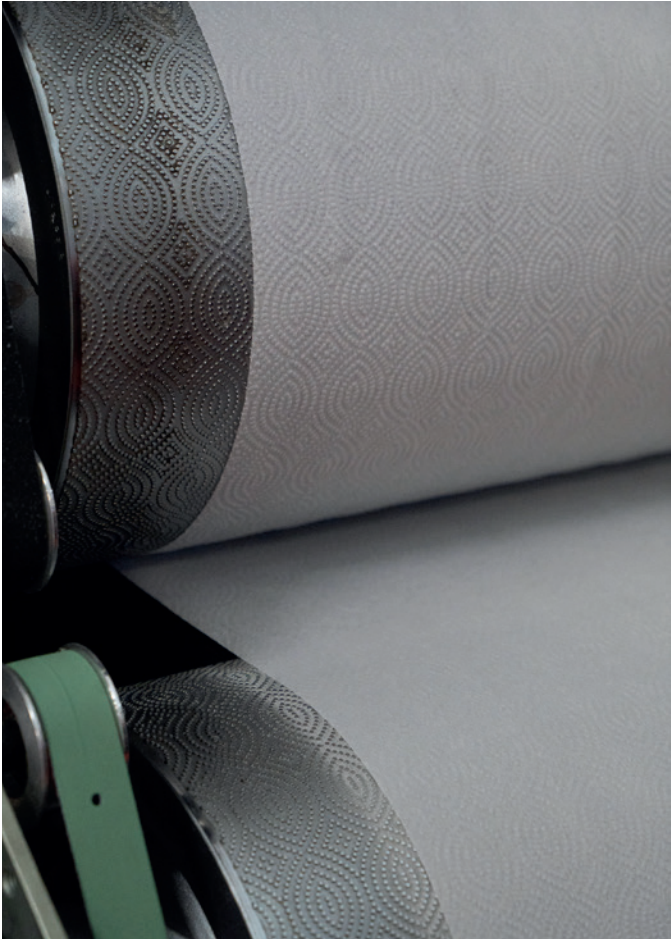
The **Flower** and **Totem System** technologies combine efficiency with environmental responsibility, reducing waste and energy consumption for a more sustainable and competitive converting process.

FLOWER SYSTEM

The **Flower System** is a patented automatic timing system, adjustable between the folding fingers and folding rolls. Without using gears or reducers, it guarantees **precision and uninterrupted production even under fluctuating loads**, ensuring **consistent productivity without compromising quality**.

TOTEM SYSTEM

The **Totem System** is a patented vacuum system designed to minimize the need for seal replacements, with a lifespan exceeding 5 years. Maintenance of the folding rolls is simple and fast: no cylinder removal, no specialized technicians required, and no re-gearing of the rolls. This ensures significant **reduction in maintenance time and costs**, with **long-term reliability and operational continuity**.



LARGE-SCALE PRECISION

OMET interfolding lines feature a **new patented system** that allows handling reels up to 5600 mm wide while maintaining **high speeds and consistent quality**.

The reel is **cut in half and folded**, while a central support limits roll deflection, ensuring **stability and precision** even with very wide reels.



ENERGY EFFICIENCY

The careful design of the vacuum ducts minimizes pressure losses and **optimizes airflow** along the entire line.

The result is a more efficient and reliable suction system, capable of delivering **significant energy savings** and noticeably reducing operating costs.

This focus on efficiency translates into a **more sustainable and competitive production process**, maintaining high operational performance and consistent product quality under all conditions.

By balancing energy savings with top-level performance, the ASV Line increases overall productivity, reduces downtime, and ensures optimal use of resources, providing a tangible advantage across the entire production chain

AUTOMATIC COUNTING AND SEPARATION

- ≡ **Dual servo-controlled system** for sheet counting and separation
- ≡ **Dual conveyor belts** for continuous flow and different counts per forming zone
- ≡ **Independent log evacuation** via two conveyors, reducing unloading time

MAIN ADVANTAGES

- ≡ **High-speed production** even with very wide reels
- ≡ **Increased production flexibility** thanks to customized counts
- ≡ **Continuous workflow** with reduced evacuation times

INNOVATION WITH PASSION



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