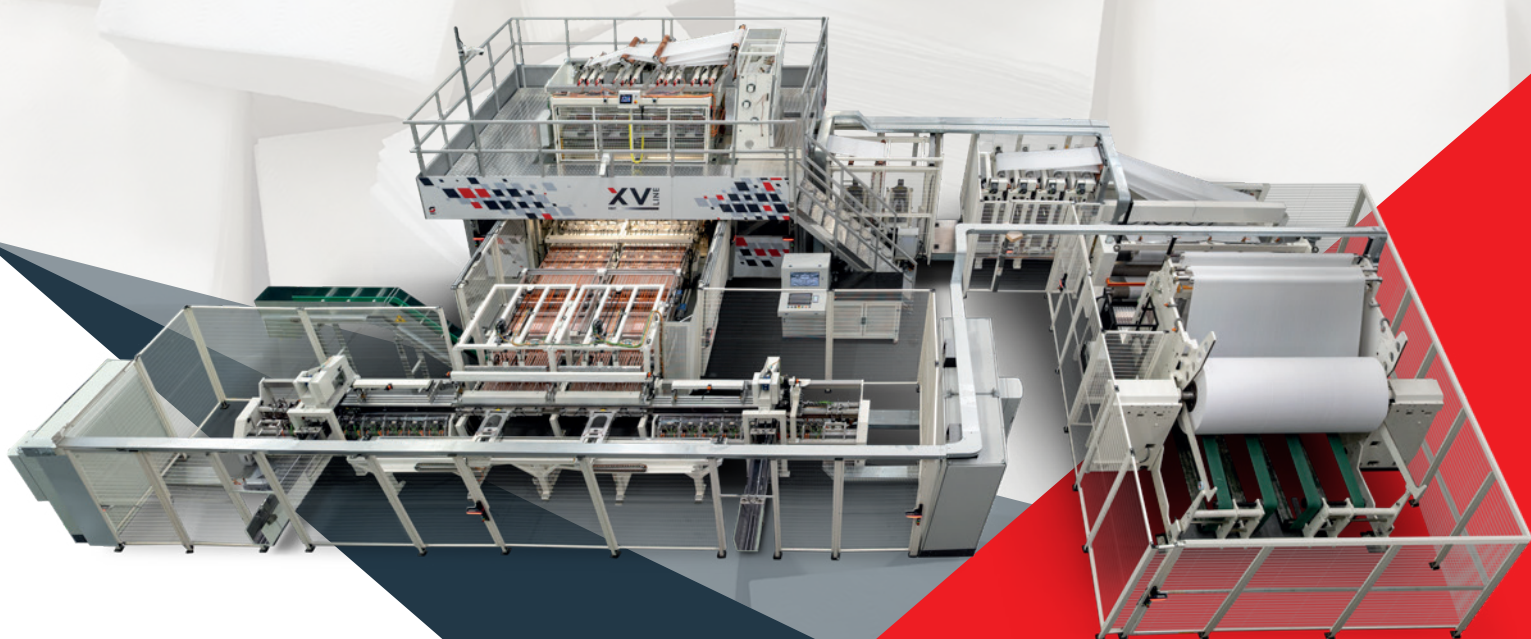


EN

XV LINE
OMET





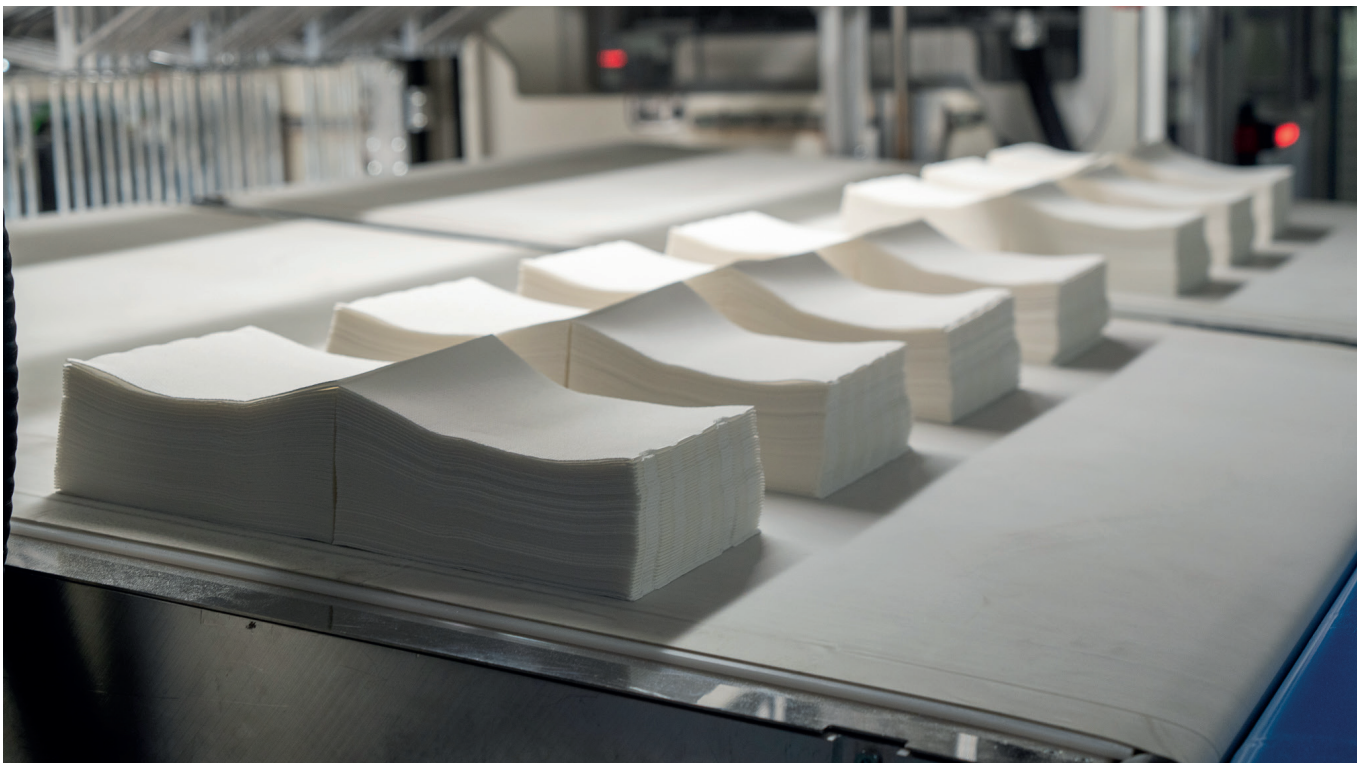
PRODUCTIVITY WITHOUT LIMITS

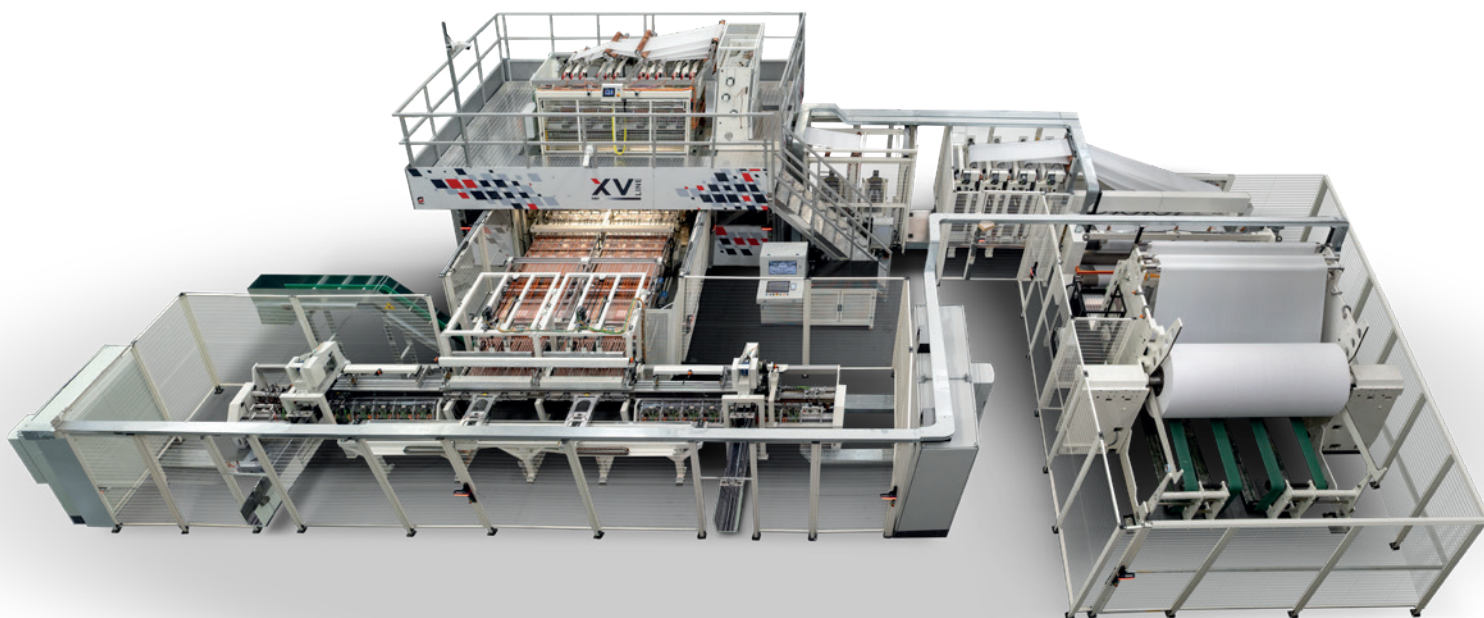
The OMET solution that combines reliability, efficiency, and maximum productivity, with mechanical folding units designed to ensure high performance, continuous operation, and consistent results.

The XV Line is engineered to maximize productivity and efficiency throughout the converting process, eliminating the need for intermediate steps such as slitting.

This approach reduces processing time, minimizes machine downtime, and lowers waste, improving overall production efficiency.

With a capacity of up to 25,000 pieces per minute, the XV Line delivers exceptional volumes and uninterrupted operation. Its modular and versatile design allows adaptation to different formats and configurations, providing extensive customization options to meet the specific needs of each customer.





Continuous technological development, servo motorization, and advanced digital controls for maximum performance, reliability, and production efficiency.

UNIQUE FEATURES OF THE XV LINE

QUALITY AND EASE OF USE

The XV Line combines the essential requirements for the operator: high product quality, ease of use, and simplified maintenance.

GREEN APPROACH

The absence of vacuum reduces energy consumption, making the line more sustainable and efficient.

VERSATILITY

Multi-format line with a quick-change drawer system for the folding unit, allowing easy adaptation to different production needs.

ADVANCED TECHNOLOGY

The XV Line incorporates all of OMET's latest control solutions, including vision systems and automatic register adjustments, to maximize precision and efficiency.



THE IDEAL SOLUTION FOR HIGH-PRODUCTIVITY CONVERTING



KEY BENEFITS: EFFICIENCY & SAVINGS

ENERGY and ENVIRONMENT

- Reduced energy consumption relative to production
- Lower noise levels
- Compact footprint

MATERIAL FLEXIBILITY and COST OPTIMIZATION

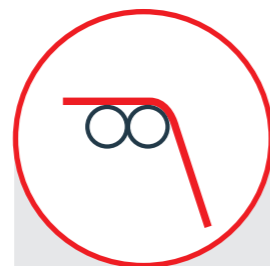
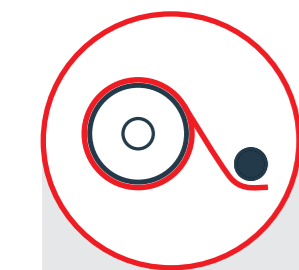
- Adaptable to a wide range of paper qualities
- Optimized production with reduced waste
- Lower costs thanks to decreased energy and material usage

QUALITY and RELIABILITY

- Mechanical folding units designed to ensure long-term stability and reliability
- Consistent performance even at high speeds

OPERATIONAL EFFICIENCY

- Elimination of longitudinal cutting operations
- Reduced reel storage requirements
- Fewer operators needed to manage the line
- High productivity: over 240 packs per minute



CUTTING UNIT

Multiple cutting and trimming system
[For L-shaped configurations, integration of the deviation unit allows space savings]

UNWINDER

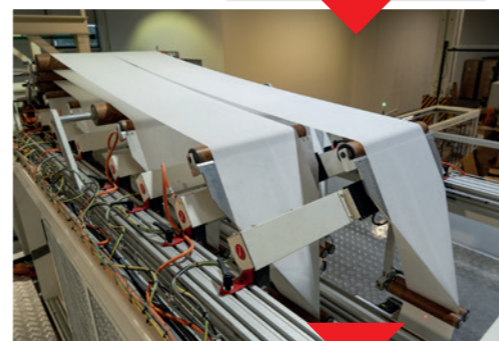
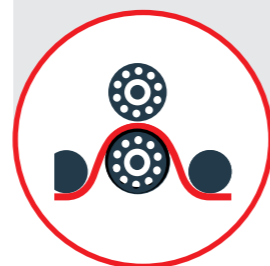
- Maximum reel width: 3,250 mm
- Maximum reel diameter: 2,500 mm
- One or more unwinders can be installed
- Full parameter control via HMI

ALIGNERS AND PULL ROLLS

Installed on each individual paper web, they ensure automatic alignment throughout the entire production process



EMBOSSING UNIT



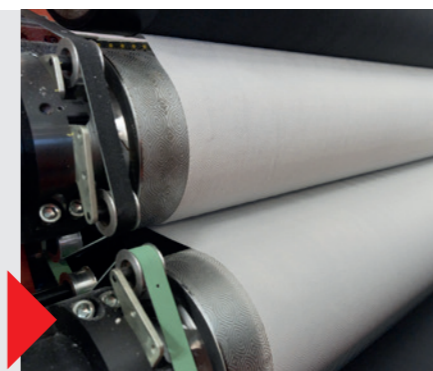
FOLDING PLATES

From 6 to 12 units
Motorized and independent, for rapid paper width change and quick alignment adjustment

OMET STANDARD EMBOSSER
Multi-cassette
660/840 mm width

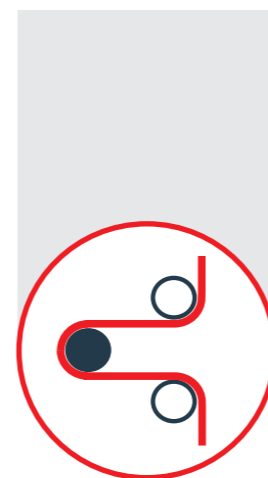
WIDE EMBOSSER
up to 3,250mm

WIDE LAMINATION UNIT
up to 3,250 mm



SYNCHRONIZING ROLLS AND REGISTER CONTROL (OPTIONAL)

Allows precise monitoring and adjustment of the position between embossing and cross folding.

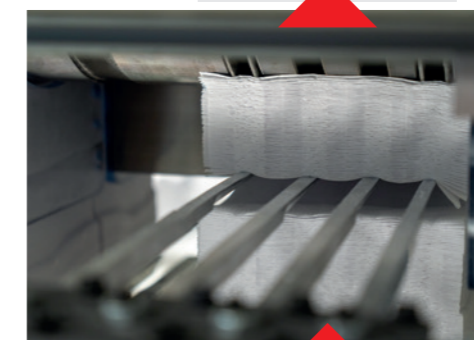


FOLDING UNIT

Drawer-mounted configuration on a dedicated cart for quick and easy folding unit changes. All adjustments are independent, motorized, and managed via HMI.

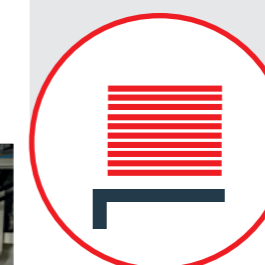
STACKER

Unit for accurate counting, separation, and formation of final packs.



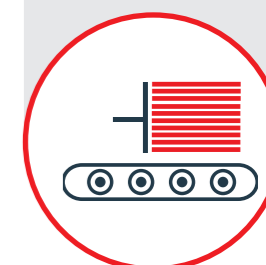
TRANSPORT SYSTEM

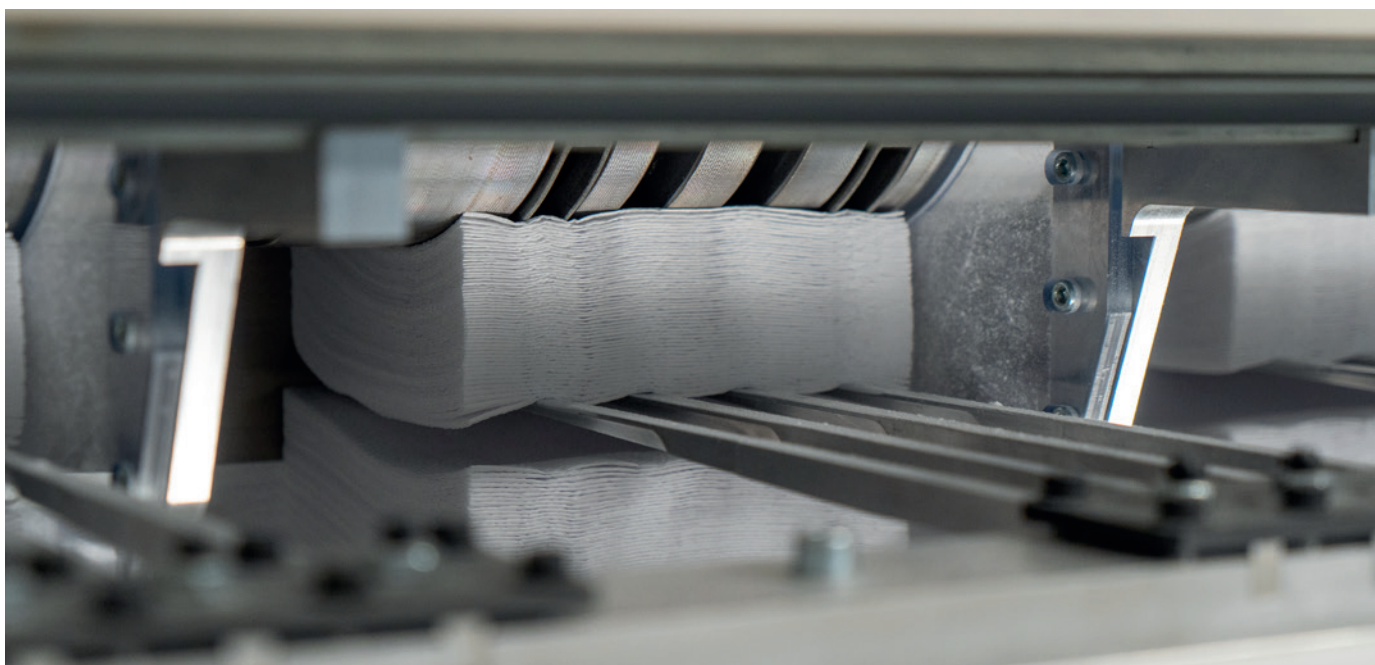
It optimizes the synchronization between the folding machine and the packaging lines, increasing overall line efficiency and performance, while significantly reducing footprint.



CONVEYOR BELTS

They control pack flow at the line exit, ensuring proper feeding to packaging lines and equipped with a system to remove non-conforming products





The XV Line is fully automated and designed for effortless operation, with a user-friendly and streamlined interface that simplifies every step of the process.

PERFORMANCE / TECHNICAL DATA

Open format min.	210 mm
Open format max.	430 mm
Pack height	70 - 250 mm * (* Maximum height constrained by pack stability)
Number of lanes	From 6 to 12
Max. continuous output	Up to 240 packs/min
Mechanical speed	600 m/min
Production energy consumption	50 kW

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



INNOVATION WITH PASSION



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