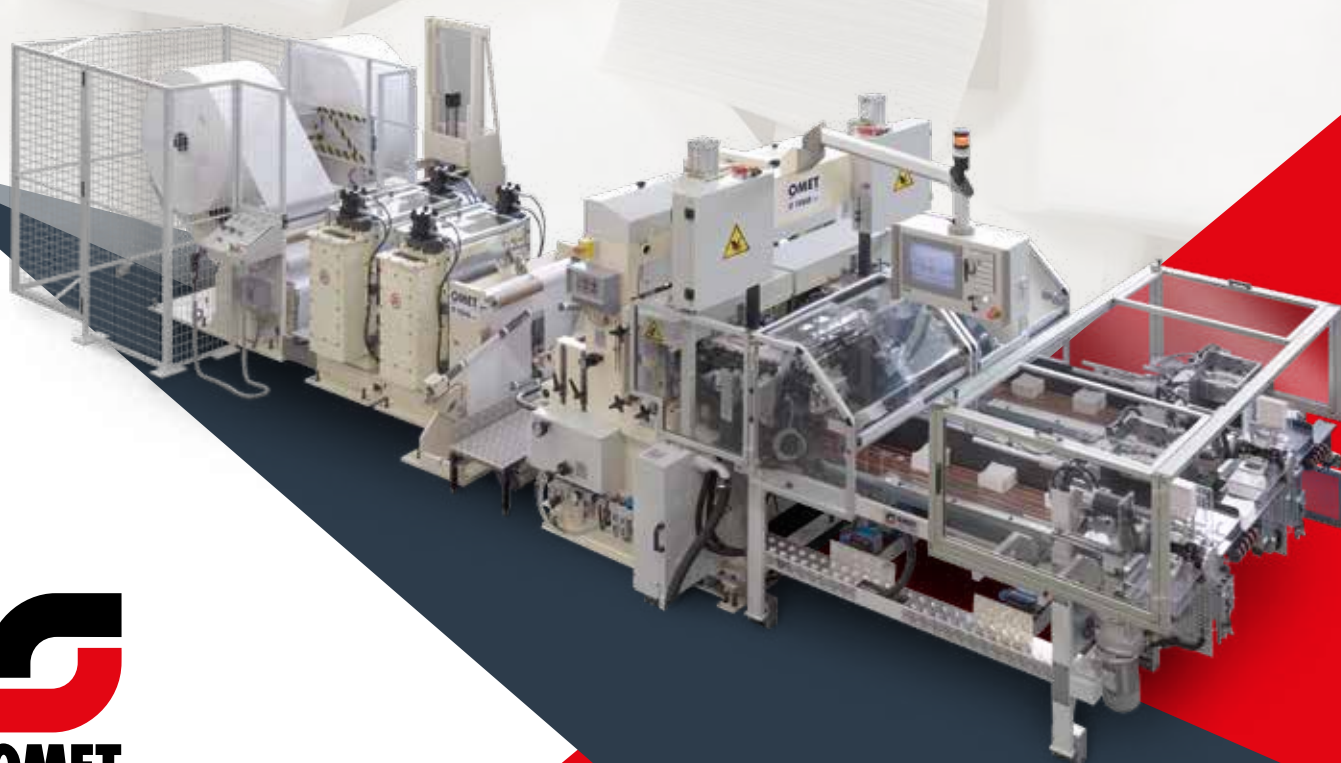


EN

TV 840 LINE

OMET





THE BEST SOLUTION FOR PROFITABLE CONVERTING

High performance double lane automatic folding machines for the production of the widest range of napkins.

TV840 Line performances are well known all over the world as well as the **quality of napkins**, with embossing and perfectly aligned folds, and the **excellent printing results**.

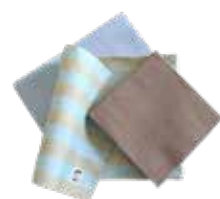
TV840 Line produces napkins with different sizes that range from 220x200 mm to 420x420 mm, while the high-speed transfer to the wrapping machine takes place in a completely automatic way. The productivity of TV840 Line is **over 5600 napkins per minute** with the possibility of realizing **different types of fold N, M, C, Double Fold, MV or Junior**. The change of the type of fold is extremely fast and easy and the machine can reach a mechanical speed **up to 900 meters per minute**.



NAPKINS



NON-WOVEN NAPKINS



BULK PACK



The most versatile and flexible solution for napkins production on the market.

STRENGTHS OF TV840 LINE

VERSATILITY AND FLEXIBILITY

A single machine for the production of multiple products: **with simplicity, you can change the format, the fold as well as the printing**.

HIGH PERFORMANCE

High productivity guaranteed with a production of **over 5600 napkins per minute**.

ITALIAN STYLE

Like all OMET machines, the TV840 Line is **entirely produced in Italy**. The result is solidity, reliability and durability.

QUALITY

High quality materials and components are the basis of OMET TV840 Line.

ADVANCED TECHNOLOGY

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

EASE OF USE

Total accessibility to the various groups, no physical or mental stress for the operator, simple and intuitive touchscreen interface.

MODULARITY

Being composed of modular groups, the TV840 Line can be configured ad hoc to meet the needs of each converter.

THE MODULAR PLATFORM FOR INFINITE CUSTOMIZED SOLUTIONS



TV840.8

The machine for napkins production
Reel width of 840 mm.



TV840.6

The machine for napkins production
Reel width of 660 mm.



TV840.5

The machine for napkins production
Reel width of 500 mm.

CONFIGURE

YOUR MACHINE

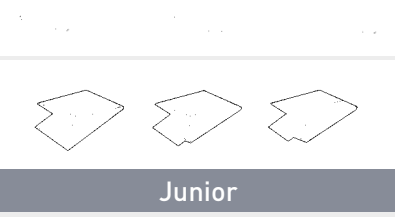
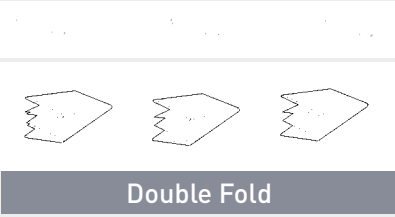
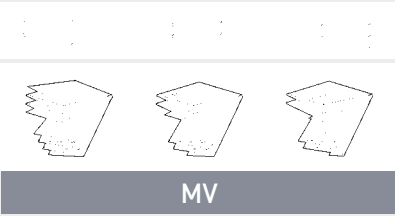
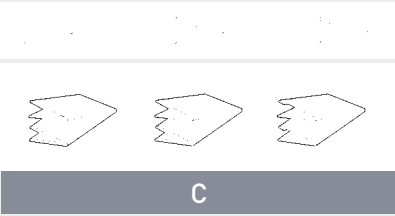
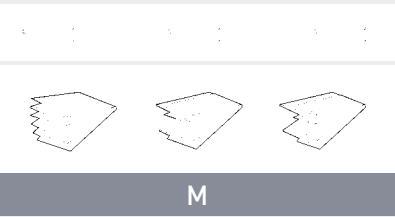
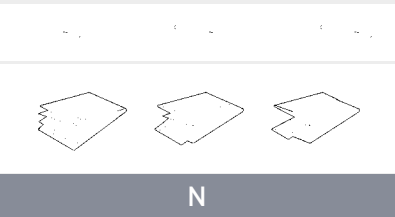
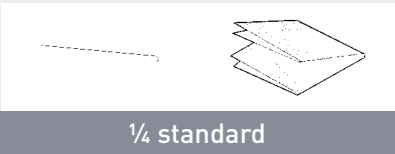
All groups and sub-units can be equipped with additional options for specific production needs and for the customization of the finished product.

PERFORMANCE / TECHNICAL DATA

Max. reel width	500 mm (20"), 660 mm (26"), 840 mm (33")
Max. reel diameter	1800 mm (71"), 2000 mm (79"), 2200 mm (87")
Flexo printing units	1 – 9 printing units
Raw materials	1,2,3,4-ply tissue, paper, non-woven materials, airlaid
Open format min.	220 x 220 mm (8" x 8")
Open format max.	420 x 420 mm (16" x 16")
Mechanical speed	up to 900 m/min (2950 ft/min)
Max. continuous output	over 5600 napkins/min (size 300 mm -12")

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

AVAILABLE
FOLDS

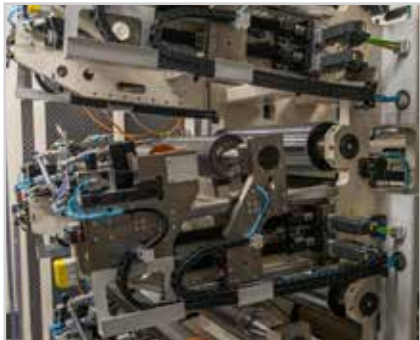


UNWINDER



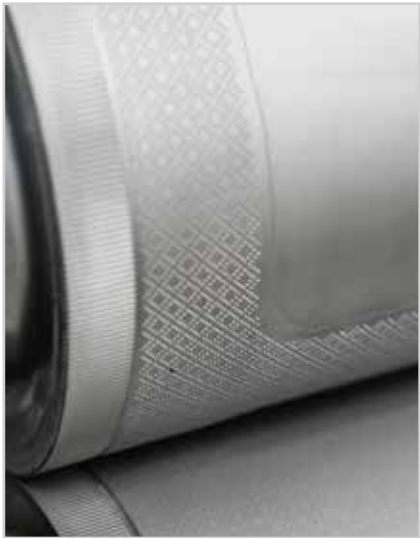
1. Rotary turret unwinder
2. No-stop unwinder
3. Reel lifter
4. Web cleaner

PRINTING UNITS



1. Up to 9 colors stack type flexo printing unit
2. Up to 4 colors flexo printing unit with central impression
3. Raccoon plate cleaner
4. Automatic cleaning system for enclosed chamber
5. Hot air drying tunnel
6. IR curing
7. Double iron heat rolls

EMBOSSING UNIT



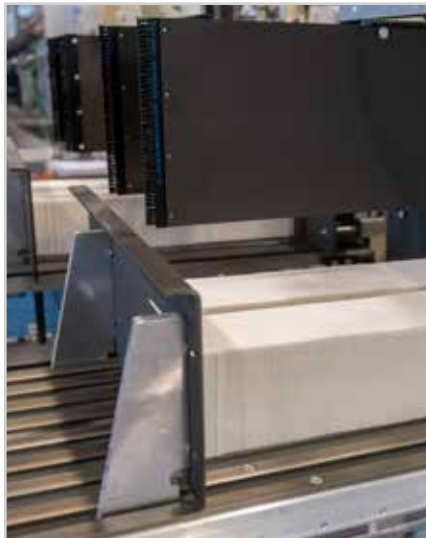
1. Steel/steel, steel/paper, steel/rubber embossers
2. Point-to-point, DERL and DESL groups with single and double laminator unit
3. Additional IBT embossing system
4. Calander
5. Nip roll

BASIC MACHINE



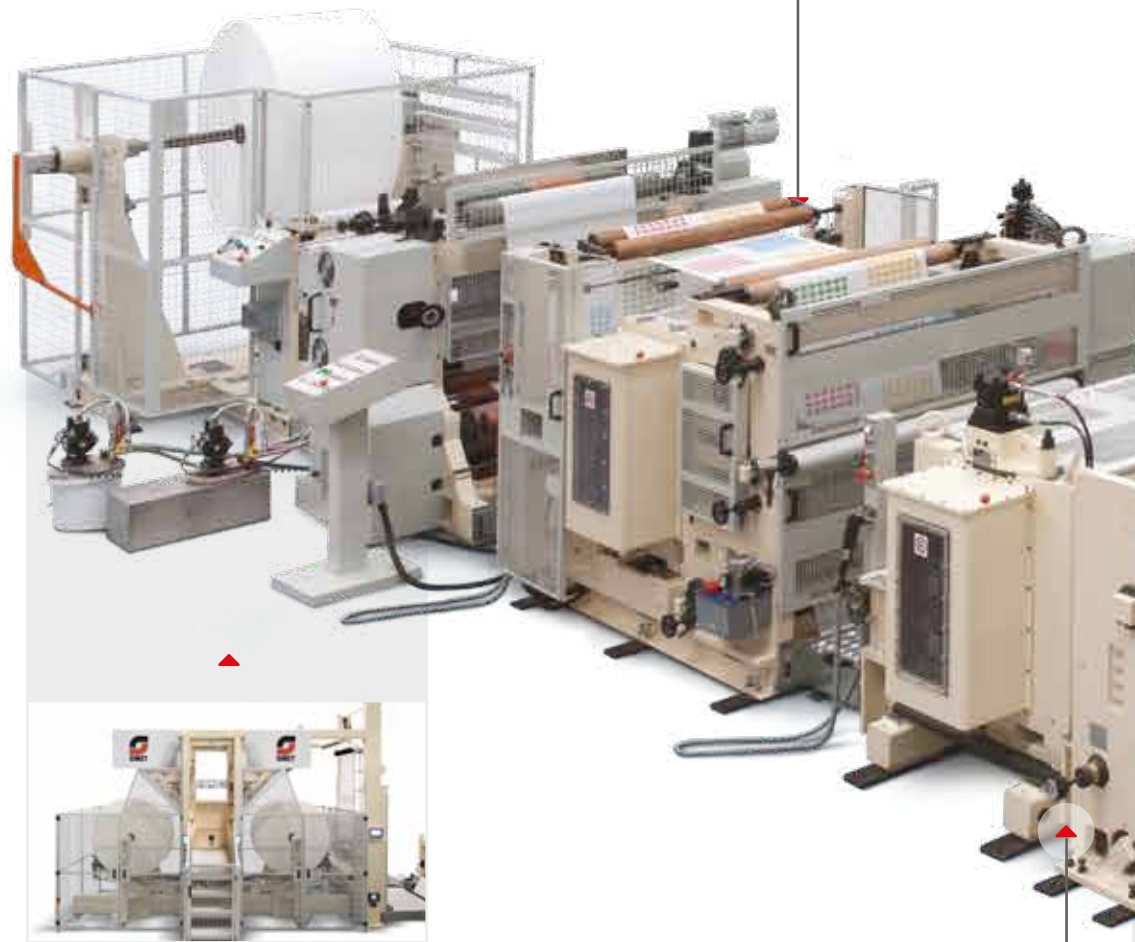
1. Web guide
2. Different kind of folding plates
3. Mechanical folding head

TRANSFER UNIT



1. Automatic transfer unit and connection to the wrapping machine
2. Easy transfer
3. Bulk Pack
4. Pack Turner
5. Rotating tables
6. Pack reject

FLEXO PRINTING UNIT



NO-STOP UNWINDER

Automatic paper tension control device for 1 or 2-ply reels



REGISTER CONTROLS

Servo-assisted centering between the different groups of the machine

AVAILABLE EMBOSSED TECHNOLOGIES

1. DESL embosser with or without lamination unit
2. DERL embosser with or without lamination unit
3. Point-to-point embosser
4. Steel - Steel
5. Steel - Rubber
6. Steel - Paper
7. Pin to half
8. Additional IBT embossing system



MECHANICAL FOLDING UNIT



CONTROL PANEL

Complete control of the machine from user-friendly operator panel

BULK PACK TRANSFER UNIT



BASIC MACHINE

AUTOMATIC TRANSFER UNIT

Directly connectable to a wrapping machine





TRONIC

THE FULL TRONIC VERSION OF OMET TV840 LINE

TV840 TRONIC is the fully digitalized version of the OMET top quality napkins machine.



TV840 Line TRONIC is equipped with **servo motors** on each axis and can also be controlled remotely, both by the operators and by the remote assistance service.

The operator panel controls all the production line. It becomes the control point from which all the adjustments of the machine are carried out automatically, thus guaranteeing considerable savings in time and a **reduction in waste**. All the adjustments are performed in a simple and automatic way ensuring a better register precision. The continuous technological development, together with the **advanced digital controls**, guarantees the TV840 Line TRONIC maximum performance, reliability and production efficiency.

EASE OF USE AND TOTAL SAFETY

Each group is equipped with a control console on each unit for the management of local settings: ease of use and intuition are the basis on which the entire management of the line is set.

Remote controls allow higher safety of the operator, higher quality of the work environment, and lower physical and mental stress originating from the management of the machine.



VISION SYSTEM

A set of cameras capture and send images of the entire line to the operator panel, thus avoiding the need for manual interventions on printing units, embossing station, folding units and transfer unit.



ADVANCED PRINTING REGISTER AND MOTORIZED PRINTING PRESSURES

TV840 TRONIC is equipped with video cameras, which allow to capture the coordinates and bring them to the advanced printing register. The RFID devices present on the sleeves allow to automatically memorize and repeat the processes on different runs. The exclusive innovation concerns the very quick time for new settings: the video cameras are able to read the colors from the first printing unit, and to register the image after the manual correction on the panel made by the operator. The result is an optimization of production performance, with reduction of waste and setting time.

OMET TV840 TRONIC is a “green” machine, equipped with innovative energy saving systems. The line recycle the energy of the braking motors and carry out continuous monitoring of energy absorption.

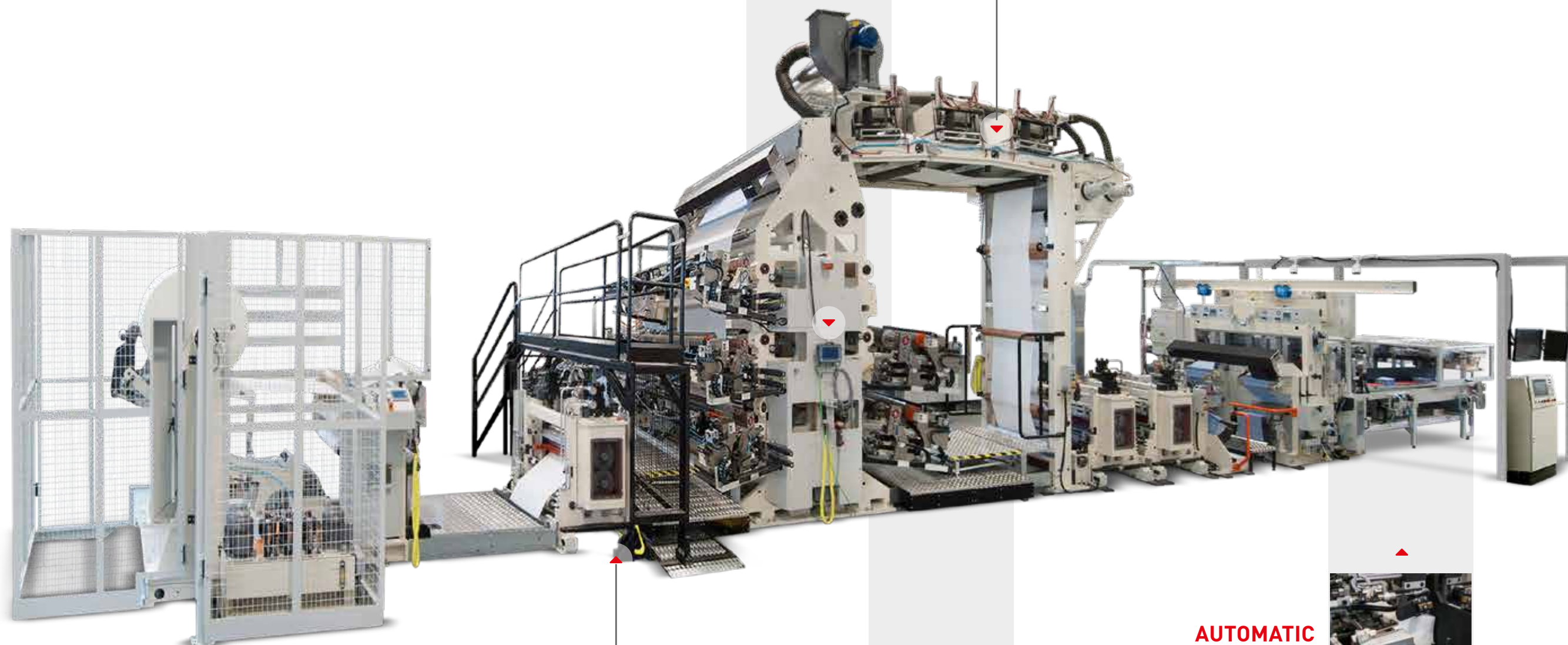
MINI CONTROL PANEL

Ease of use for all local settings



DRYING UNIT

With IR and heated rolls



MOTORIZED PRINTING PRESSURE

AUTOMATIC TRANSFER UNIT FULLY MOTORIZED

EVOLVED PRINTING REGISTER

INNOVATION WITH PASSION



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