

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

STRENGTHS OF TV503 LINE

VERSATILITY

A single machine for the production of multiple products: with simplicity you can change the format, fold or print.

HIGH PERFORMANCE

High productivity with a production of over 2800 napkins per minute.

ITALIAN STYLE

All OMET machines are produced entirely in Italy. The result is solidity, reliability and durability.

QUALITY

High quality materials and components are the base of the TV503 Line.

ADVANCED TECHNOLOGY

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

MODULAR PLATFORM

The TV503 Line has been created to meet the specific requests of each customer in the production of the widest range of napkins.

THE MODULAR PLATFORM FOR INFINITE CUSTOMIZED SOLUTIONS



TV503

The napkin production machine with reel width of 500 or 600 mm.



TV503 XP

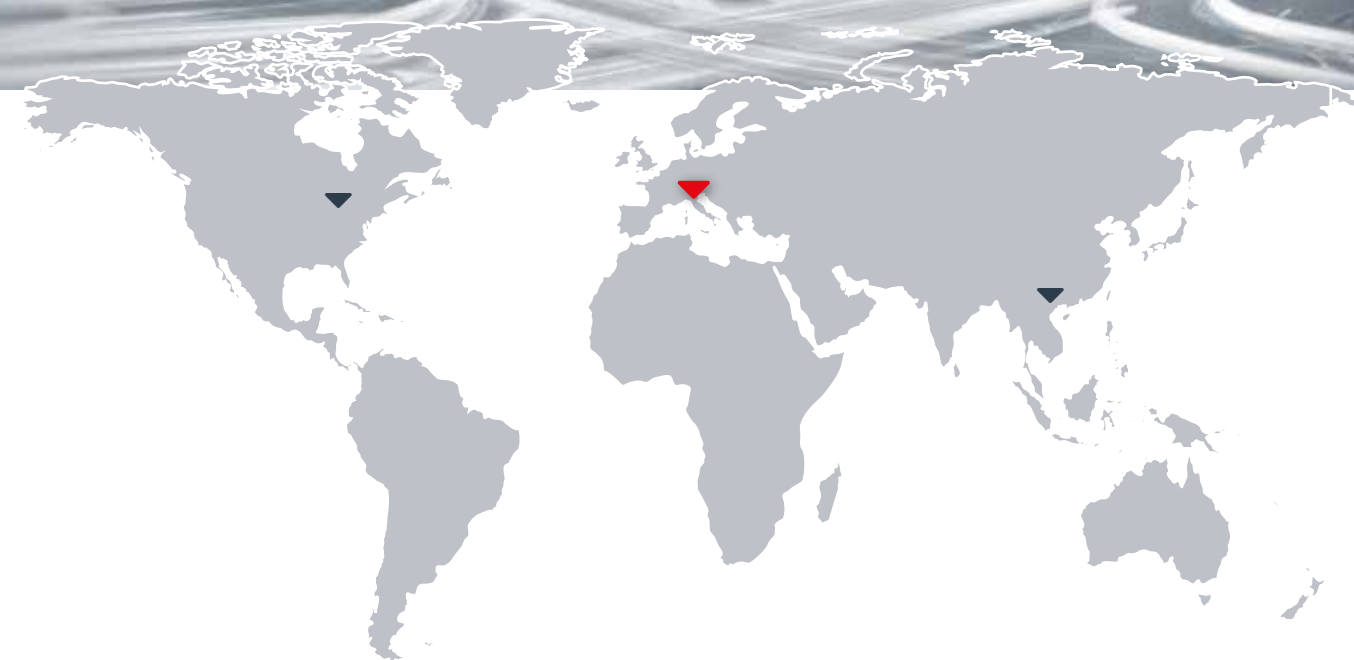
The napkin production machine with motorized servo printing units.



TV503 SP

The machine for the production of placemats.

INNOVATION WITH PASSION



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MAGAZINE
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EN



THE CUSTOMIZED MACHINE

The most versatile and flexible solution offered on the market to fulfill the specific needs of each customer.

The **TV503 Line** is a modular platform designed to meet the specific needs of each customer for **the production of the widest range of napkins**, with a productivity up to **2800 napkins per minute** and the possibility of realizing **different types of fold N, M, C, MV, double fold or Junior**.

The TV503 Line is also suitable for the **production of placemats for bars and restaurants**, can work paper reels of 500 mm or 600 width mm and can

be equipped with **up to 8 flexo printing groups**, distinguished by the high speed of work change and great efficiency even at short runs.

Easy to use and very reliable, thanks to accurate controls and great robustness, the TV503 Line has been **designed to last a long time**.



NAPKINS



NON-WOVEN PRODUCTS



PLACEMATS



DISPENSER NAPKINS



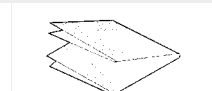

CONFIGURE YOUR MACHINE

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


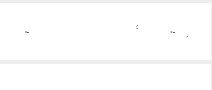
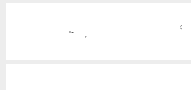
PERFORMANCE / TECHNICAL DATA	
Working width	500 mm (20"), 600 mm (23,5")
Max. reel diameter	1800 mm (71"), 2000 mm (79")
Flexo printing units	1 - 8 printing units
Raw material	1,2,3,4 plies tissue, paper, non-woven materials, air laid
Open format min.	180-180mm (7" x 7")
Open format max.	500 x 600 mm (20" x 23,5")
Mechanical speed	up to 900 m/min (2950 ft/min)
Max. continuous output	over 2.800 tov/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






1/4 standard



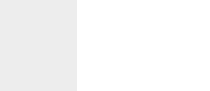


N



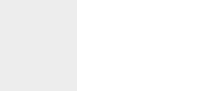
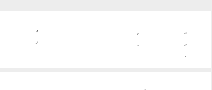
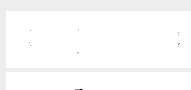
M






C



MV



Double Fold



Junior

NO-STOP UNWINDER

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

CHAMELEON DIGITAL PRINTING UNIT

4 colours inkjet printing unit for napkins customization without prepress
Just in time printing

MECHANICAL FOLDING UNIT

CONTROL PANEL

Complete control of the machine from user-friendly operator panel

AUTOMATIC TRANSFER UNIT

Directly connectable to a wrapping machine

WEB GUIDE

Continuous automatic alignment

AVAILABLE EMBOSsing 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

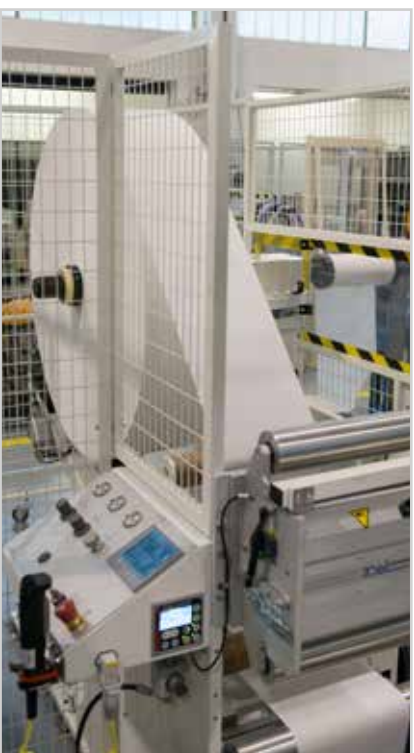
8. Additional IBT embossing system

REGISTER CONTROLS

Servo-assisted centering between the different groups of the machine

BASIC MACHINE

UNWINDER



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

PRINTING UNITS



1. Up to 8 colors stack type flexo printing unit
2. Chameleon inkjet digital printing unit
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

BASIC MACHINE



1. Web guide
2. Different kind of folding plates
3. Mechanical folding head
4. Folding head for dispenser napkins
5. Placemats unit

TRANSFER UNIT



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