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THE CUSTOMIZED MACHINE

The **TV 503 Line** is a modular platform designed to meet the specific needs of each customer for **the production of the widest range of napkins**, with productivity up to **2800 napkins per minute** with any **fold N, M, C, double fold, WM, or book**.

The TV 503 Line is also suitable for the **production of placemats for bars and restaurants**, can work paper reels of 500 mm or 600 mm and can be equipped with **up to 8 flexo printing**

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

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 TV 503 Line has been **designed to last a long time**.



NAPKINS



NON-WOVEN NAPKINS



PLACEMATS



DISPENSER NAPKINS



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

STRENGTHS OF TV 503 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 2,800 napkins per minute.

ITALIAN STYLE

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

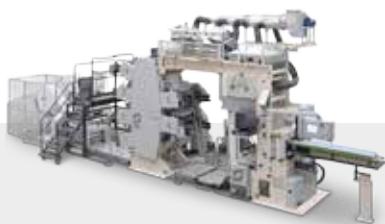
Created to meet the specific requests of each customer in the production of the widest range of napkins.

A MODULAR PLATFORM FOR INFINITE CUSTOMIZED SOLUTIONS



TV 503

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



TV 503 XP

The napkin production machine with motorized servo printing units.



TV 503 SP

The machine for the production of placemats.

BUTT SPLICER

for 1, 2 or
3 ply reel



DIGITAL PRINTING UNIT CHAMELEON

Inkjet printing unit for napkin
customization without
prepress



FOLDING CYLINDERS

CONTROL PANEL

AUTOMATIC TRANSFER UNIT

Directly connectable to a
wrapping machine



WEB GUIDE

BASE MACHINE

REGISTER CONTROLS

AVAILABLE EMBOSsing TYPES

1. Steel – Paper
2. Steel – Steel
3. Pin to half flat

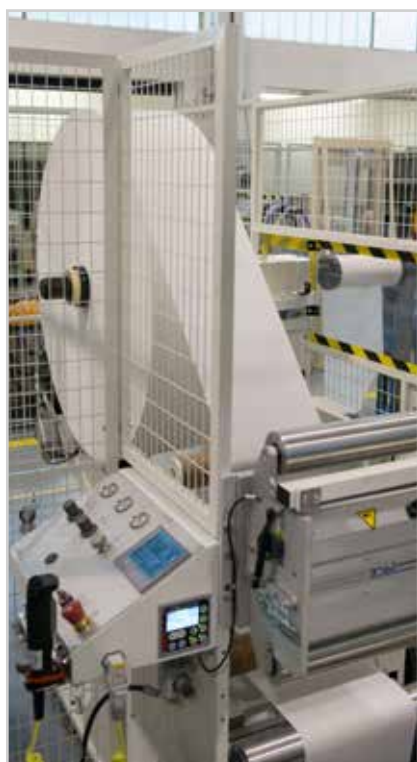




CONFIGURE YOUR MACHINE

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

UNWINDER ▼



1. Turret unwinder
2. Butt splicer 1, 2, 3 ply
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. Hot air drying tunnel
5. IR battery
6. Double iron heat rollers
7. Automatic close chamber doctor

MODULAR CASSETTES UNITS ▼



1. Embossing
2. Point-to-point, DERL and DESL with mono and double laminator unit
3. Embossing with IBT system
4. Calander

PERFORMANCE / TECHNICAL DATA

Speed	up to 850 m/min – 2900 ft/min (mechanical)
Productivity	more than 2.800 napkins/min (size 300 mm - 12 inches)
Materials	one or multi-ply tissue, paper, non-wovens materials, dry laid
Max web width	500/600 mm (20/23,5 inches)
Size	180-500 mm (7-20 inches)

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

BASE MACHINE ▼



1. Web guide
2. Different kind of plate section
3. Folding head
4. Folding Head for dispenser napkins
5. Place mats unit

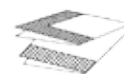
TRANSFER ▼



1. Automatic transfer
2. Easy transfer
3. Platemats transfer
4. Pack Turner
5. Rotating tables
6. Pack reject

PAPER NAPKINS WITH FOLD

Some available folds



▶ 1/4 standard



▶ N/Z



▶ M



▶ C



▶ MV



▶ Double



▶ Junior

INNOVATION
WITH PASSION



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