

EN

MF LINE

OMET





THE MULTI-FOLDING MACHINE

The MF Line is a modular platform designed by OMET which provides the maximum flexibility in terms of folding options. Its strength is **the new folding head based on vacuum/mechanical technology**, which allows a **quick fold change** between any type of fold **directly from the operator panel**. The MF Line allows the processing of non-woven materials and all other kind of special materials used for the production of disposable products, such as dust-catching cloths for domestic cleaning, barbers and beauty salons.

The most flexible solution which helps achieving a wide range of folds with its vacuum/mechanical technology.

It can also be equipped with flexo printing units (up to 8) distinguished by fast change-overs and great efficiency. Therefore it's also ideal for short runs. The machine can also be integrated with OMET exclusive digital printing unit, the Chameleon.

Ease of use, set-up speed, high flexibility and maximum reliability. Thanks to accurate control and great sturdiness the MF Line has been designed to **meet current tissue market needs.**



NAPKINS



POCKET NAPKINS



NON-WOVEN NAPKINS



NAPKINS FOR ANY KIND OF DISPENSER

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

MF LINE UNIQUE FEATURES

VERSATILITY AND FLEXIBILITY

The flexibility of the new MF, combined with OMET flexo and digital printing technologies, satisfies all the possible needs of both the ho.re.ca and the retail customer. It allows also the processing of non-woven materials and all other kind of special materials used for the production of disposable products. The innovative OMET MF Line is available in single and double lane version, thus also meeting higher levels of productivity.

HIGH PERFORMANCE

High productivity guaranteed with a production up to 400 mt/min (1,300 ft/min).

ITALIAN STYLE

Like all OMET machines, the MF Line is entirely produced in Italy. The result is strength, reliability, durability.

EASE OF USE

Thanks to the latest electronic technologies implemented on the MF Line, the machine is completely automated and easy to use for the operator, with an intuitive and essential interface. It is possible to change size, fold or print directly from the operator panel, with no need of direct intervention.

ADVANCED TECHNOLOGY

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

MODULAR PLATFORM

The MF Line has been developed to meet all specific requests of customers in the widest range of napkins production.

HYBRID FOLDING AND PRINTING SOLUTIONS



FLEXO/DIGITAL PRINTING

The MF Line can be equipped with a hybrid flexo and digital printing system, satisfying the customization of both short and medium runs without compromising performance.

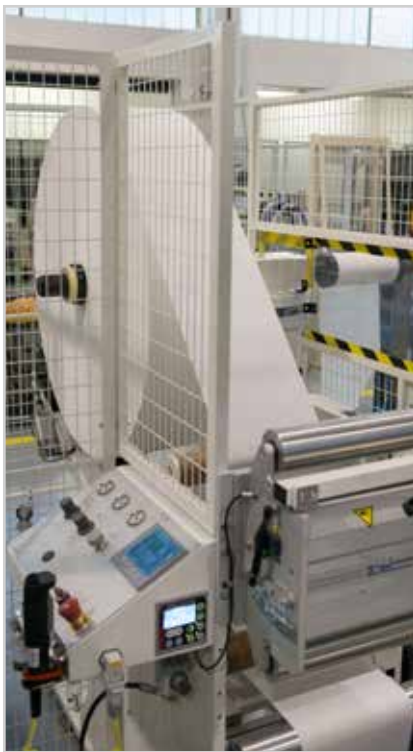
VACUUM/MECHANICAL FOLDING UNIT

The new folding head based on vacuum/mechanical technology widens the range of available products and makes it possible, but also simple to quickly switch to any kind of fold, from the more traditional 1/4 fold up to the fancier book fold.

CONFIGURE YOUR MACHINE

All groups and sub-groups can be equipped with additional options for specific production needs and for final product customization.

UNWINDER ▼



1. Rotary turret unwinder
2. No-stop unwinder
3. Reel Lifter
4. Paper cleaning system

PRINTING UNITS ▼



1. Up to 8 colors stack type flexo printing units
2. Chameleon inkjet digital printing unit
3. Raccoon plate cleaner
4. Automatic cleaning system for enclosed chamber
5. Hot air drying tunnel or combined with IR curing
6. Double iron heat rollers

EMBOSSING UNIT ▼



1. Steel/steel, steel/paper, steel/rubber embossers
2. Point-to-point, DERL and DESL groups with single and double laminator unit

PERFORMANCE/TECHNICAL DATA

Working width	500mm (20"), 660mm (26"), 840mm (33")	
Number of lanes	1 or 2	
Flexo printing units	1 – 8 printing units	
Max. reel diameter	From 1800mm (72") to 2200mm (88")	
Raw material	1,2,3,4-ply tissue, paper, non-woven materials, air laid	
Type of fold	Long.	N/Z, M, C, double fold, kangaroo Z, kangaroo C, MV/WM, junior
	Transv.	¼, book, dispenser, double fold dispenser, special fold dispenser, multiple fold
Open format min.	23x23cm (9"x9")	
Open format max.	43x43cm (17"x17")	
Mechanical speed	400 m/min	
Max. continuous output	60 packs/min – 120 packs/min	

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

FOLDING UNIT ▼



1. Web guide
2. Different kind of folding plates (1/4, 1/8, pocket)
3. Folding head based on vacuum/mechanical technology
4. Separation and stacking system

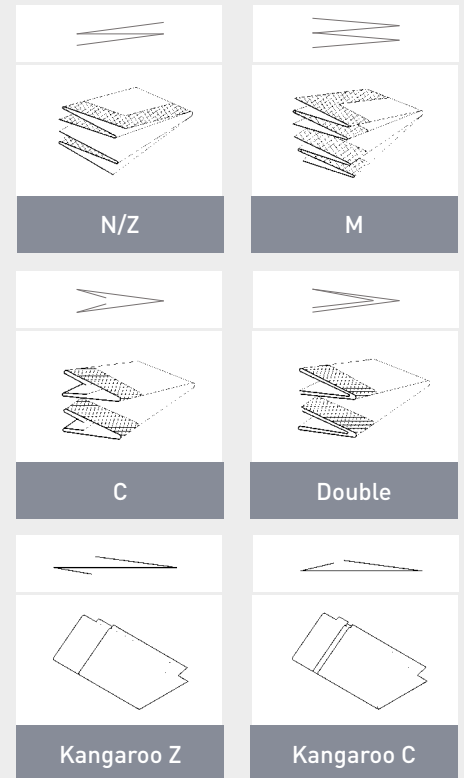
TRANSFER UNIT ▼



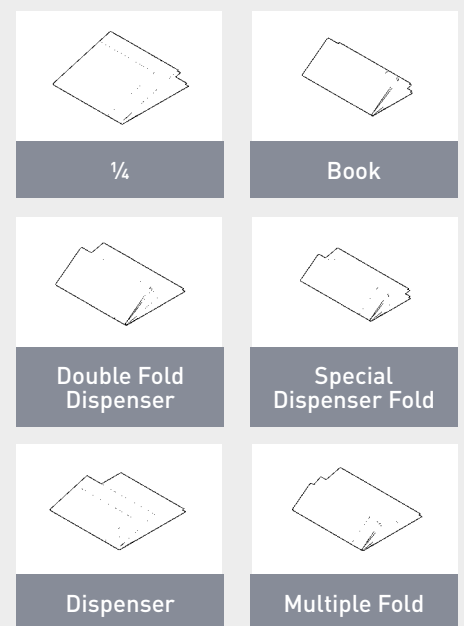
1. Automatic transfer unit and connection to the wrapping machine

THE LINE HANDLES ANY KIND OF FOLD

Longitudinal Folds



Transversal Folds



UNWINDER

Quick-change
of the parent roll

FLEXP PRINTING UNIT

Up to 8 flexo printing units
available in different versions

CALENDER STATION

Consists of two embossing rolls
with a particular anti-abrasion
surface treatment

PAPER TENSION CONTROL + PAPER CENTERING SYSTEM

Enables alignment precision
on the whole machine

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. Additional IBT embossing system



VACUUM/MECHANICAL FOLDING UNIT

Cutting unit and folding cylinders with a combined mechanical/vacuum system



Quality control system and non-compliant product evacuation



CONTROL PANEL

Complete control of the machine from user-friendly operator panel

CHAMELEON DIGITAL PRINTING UNIT

4 colours inkjet printing unit for the customization of napkins. 600x600 dpi resolution and just in time printing

AUTOMATIC TRANSFER UNIT

Available in single or double lane version according to the line's productivity

INNOVATION WITH PASSION



OMET TISSUE

Via Monsignor Polvara 10, 23900 Lecco - Italy
Tel. +39 0341.282661
comm@omet.it

MAGAZINE
tissue.omet.com/archipelago



OMET WORLDWIDE

▶ Omet (Suzhou) Mechanical Technology Co., Ltd.

No. 255, Quande Road, Wujiang EDZ, 215200
Suzhou City, Jiangsu Province - People's Rep. China
Tel. +86 (512) 63033668 Fax +86 (512) 63005373
admin@omet.cn
www.omet.cn

▶ OMET Americas Inc.

1850 s Elmhurst Road
Mount Prospect, IL 60056 USA
Tel. +1 847 621 2369
sales@ometamericasinc.com
www.ometamericasinc.com



tissue.omet.com