

CHOOSE THE PERFORMANCE OF
XFLEX X4 HIGH TECHNOLOGY
& TRUE RELIABILITY

ERGONOMIC..EASY.TO.USE..FUNCTIONAL

QUALITY THROUGH SIMPLICITY



QUALITY THROUGH SIMPLICITY

ENHANCED PERFORMANCE AND RELIABILITY

The XFlex X4 line is the ideal solution for all the printers who are looking for **reliable technology, flexibility and indisputable results.**

This press is able to produce high-end labels in one pass as well as print on particular filmic substrates featuring extremely short set-up time. It combines the OMET patented chill drum solution with intelligent register systems, which assure **stability and sharp printing precision on a wide range of substrate.**

The perfect mix of flexibility and innovation to provide the printer with a complete and versatile solution to achieve top-class performance and increase productivity.

TARGET MARKETS

WINE & SPIRITS

FOOD & BEVERAGE

HOUSEHOLD

INDUSTRIAL

HEALTHCARE

COSMETICS

A COMPLETE MULTITASKING PLATFORM FOR COST-EFFECTIVE OPERATIONS

XFlex X4 offers the most affordable quality results and the reliability of OMET advanced technology in a **multitasking and ergonomic platform** with an extremely user-friendly interface.

END-USE APPLICATIONS

SELF-ADHESIVE LABELS

WET-GLUE LABELS

MULTI-LAYER LABELS

WRAPAROUND LABELS

SHRINK SLEEVES

LIDS

TAGS & TICKETS

IML



MAIN FEATURES



VISION 1 (Automatic Register Adjustment and control)

Vision-1 automatic system is based on high-speed digital scanning for perfect **adjustment and control of both machine axes**, with no operator's intervention. It radically reduces set-up times and waste during start-up, guaranteeing productivity optimization and premium quality results on any substrate.



VIRTUAL EYE MARK

Electronic function that automatically registers the press using the OMET patented Vision-1 without printing any eye-mark on the edge. This leads to a **space saving for the entire web length** of the job and **increases profitability** when the substrate is expensive or the amount of space on the edges is very limited.

SPECIAL CONVERTING



ROCK'N'ROLL DUAL FUNCTION

High-efficient stripping unit suitable for any kind of label shape. Thanks to its double operational capability, it is able to work as either tower-style or contact-style stripping station, guaranteeing smooth die-cutting operations even at **high speeds**.

DOUBLE UNWINDER

The double unwinder is a semi-automatic unwinding **system for ultra-fast reel changeover**, since the preparation of the new roll on the free shaft can be done while the press is still in production, minimizing changeover time.

EASY-CHANGE DIE CUT - ECDC

The new single-slot Easy-Change die-cutting system for **quick and easy handling of cylinders and flexible dies**, with no need for lifting systems. Thanks to its **"Easy-Change" concept**, all tools can be prepared off-line and then easily slid into the die-cutting station with no effort through its sliding device.



THE BEAUTY OF FLEXO

USER-FRIENDLY AUTOMATION

XFlex X4 offers peerless print stability thanks to its Dual Servo Flexo units able to perform automatic print-to-print and print-to-die cut pre-registration adjustment in no time, with consistent waste savings.

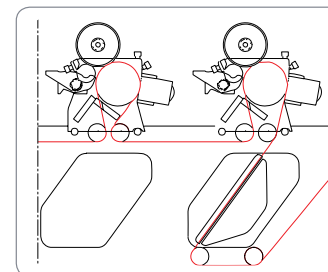
QUICK INK CHANGE SYSTEM

Fast job changeover in less than 30 seconds thanks to the extractable and interchangeable printing cassettes, easy to load and replace directly on the press.



SHORT WEB PATH

Innovative concept of Flexo print unit with UV lamps installed directly on the chilled impression cylinder, which drastically reduces level of waste during the start-up.



FLEXO CONFIGURATION
water base - uv/uv led

PRINTING TECHNOLOGIES

FLEXO UV

FLEXO UV LED

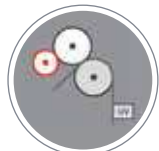
FLEXO WATER-BASE

ROTARY SCREEN PRINTING

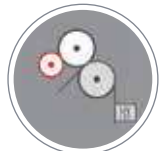


FINISHING & CONVERTING

DRYING AND CURING SYSTEMS



UV



UV LED



HOT AIR

Cold Foil & Lamination

Sliding unit for metallic effect applications and UV or self-wound lamination



Hot Foil

Servo driven hot stamping system for special metallic effects

Embossing

In-line system for raised or recessed relief images and designs



Varnishing

Extended web path for in-line UV gloss varnishing or water lacquering

Peel&Seal


Special unit for the production of multi-layer labels, booklets and coupons, up to 3 layers and 7 printed faces



Delam-Relam

Modular system for printing on adhesive, featuring web-turning bars for both back and front printing

TECHNICAL SPECIFICATIONS



	370	440
Web width	370 mm (14" 4/8)	440 (17" 2/8)
Print width	360 mm (14" 1/8)	430 (16" 7/8)
Max. speed	190 m/min (630 ft/min)	
Unwinder Ø	1000 mm (40")	
Rewinder Ø	760 mm (40")	
Infeed/Outfeed	Servo	
Printing technology	Printing Cylinders	
Cross and side register adjustment	Automatic	

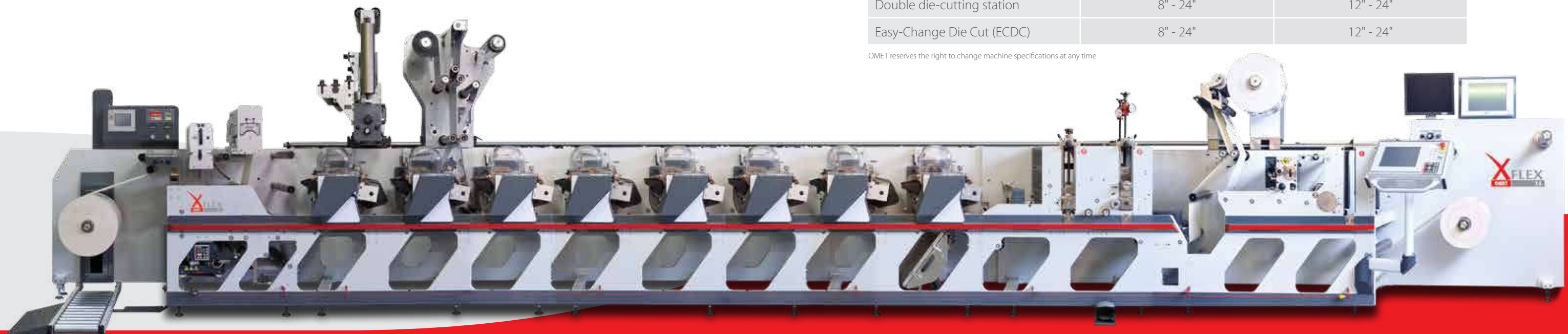
AVAILABLE PRINTING TECHNOLOGIES

Flexo	5,5" - 24"	6" - 24"
Rotary Silk-Screen	12" - 24"	12" - 24"

AVAILABLE DIE-CUTTING UNITS

Double die-cutting station	8" - 24"	12" - 24"
Easy-Change Die Cut (ECDC)	8" - 24"	12" - 24"

OMET reserves the right to change machine specifications at any time





INNOVATION WITH PASSION

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OMET Packaging Printing is located in Lecco, Italy, 50 kilometers north of Milan in a 3,000 square meters area, of which 2,000 square meters dedicated to production. The product portfolio of this business unit includes: narrow and mid web machines /or labels and packaging printing characterized by operational flexibility, efficiency on any job run, versatility on materials and personalized configurations to respond to any customer's request. Besides machines, **OMET** offers complimentary services including ancillary equipment, consultancy and accurate pre and post-sales service programs.



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