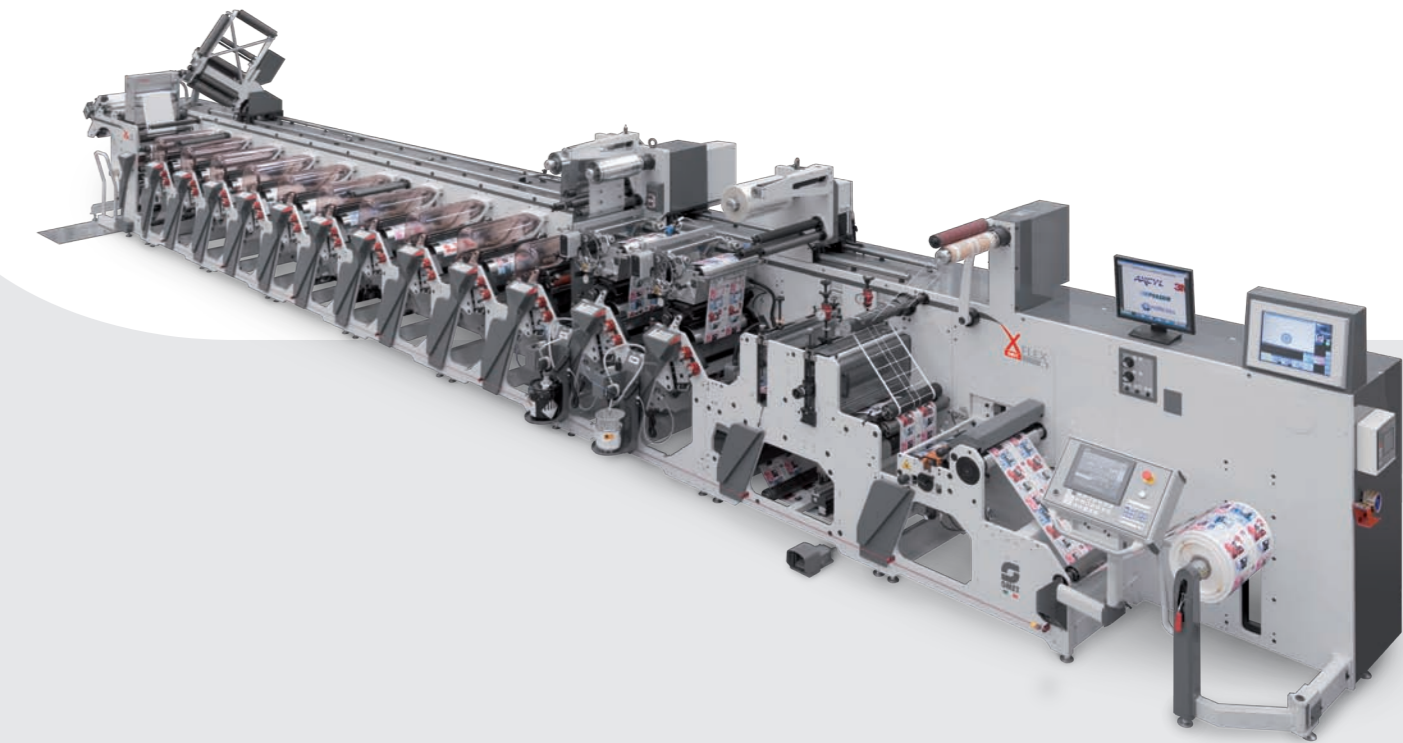


XFlex X6 Specification

	340	430
Max Speed	200 m/min	200 m/min
Unwinding roll diameter	1000 mm (40")	1000 mm (40")
Web width	340 mm (13" 3/8)	430 mm (17")
Print width	330 mm (13")	420 mm (16,5")
Infeed / outfeed	servo driven	
Printing axes	independent direct driven motor, gearless technology	
Cross registration	servo, +/- 5 mm	
Longitudinal regulation of print	360°	
Intelligent automatic pre-register	VISION 1 (Optional)	
Print repeat (infinitely variable)	12"- 25" (305-635 mm)	
Printing plates technology	plates mounted on Sleeves	
Anilox roll Cylinder	gearless and light weight	
Register control	integrated (optional)	
Quick Ink Change System	instant opening, using light weight ink pans	
AVAILABLE PRINTING TECHNOLOGIES		
Flexo UV	12"- 25"	12"- 25"
Flexo Water Base	12"- 25"	12"- 25"
Rotary screen (interchangeable cassette)	12"-18"	12"-18"
Rotogravure	12"- 25"	12"- 25"
Turning bar	•	•
Print on adhesive	•	•
Hot-Air (Dryer interchangeable position)	•	•
FINISHING, WITH MOVABLE ELEMENTS		
Overhead Rail System, for easy press reconfiguration	•	•
Cold Foil (sliding on rail)	•	•
Hot Foil (sliding on rail)	•	•
UV Lamination Unit (sliding on rail)	•	•
Delam/relam Unit (sliding on rail)	•	•
Web Turn bar (sliding on rail)	•	•
Peel & Seal Unit	•	•
CONVERTING		
Servo driven die-cutting section	Max 25"	Max 25"
Matrix Rewinder with servo tension control	1000 mm (40")	1000 mm (40")
Monotwin-cut	•	•
SUBSTRATES		
Film from 12 microns	•	•
Unsupported paper	•	•
PS material	•	•
Carton	•	•
OTHER TECHNICAL INFORMATION		
UV power	9 kW - 180 W/cm	
Rewinders diameter	2 x 760 mm or 1 x 1000 mm	
Rewinders	independent motor, taper tension, constant tension	



PRINTING
YOUR WAY



OMET Srl
Via Mons. Polvara, 10
23900 Lecco
Italy
Tel. +39 0341 282661
Fax +39 0341 363731
comm@omet.it
www.omet.it

OMET Americas, Inc.
4245, 44th Street
Grand Rapids, MI, 49152
U.S.A.
Tel. +1 (616) 588 8444
sales@ometamericasinc.com

OMET Iberica I&C S.L.
Calle Provenza, 196
08036 Barcelona
Espana
Tel. +34 66 9789946
Fax +34 93 4907740
ometiberica@terra.es

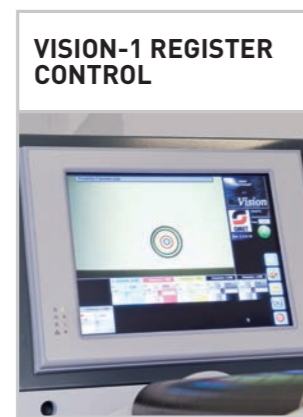
OMET Suzhou Mechanical Co., Ltd
No. 8 Quande Road
Wujiang Development Zone
215200 Suzhou
China
Tel. +86 0512 63033668
Fax +86 (512) 63005373
admin@omet.cn

The most imitated press ever, with unmatched performances, is the result of OMET's decades of experience. The XFlex X6 is more than simply a production tool, it is an extension to the printer's brain. Its design and simplicity of use, as well as a long list of innovations well proved since 2007, make this press the ideal solution to label printers' dreams.

From the simplest unsupported filmic label up to the most sophisticated multi layer label, XFlex X6 delivers the minimum amount of waste with fastest set up time on the market.

Printing has never been so simple, so fast, and so effective!

THE PRINTING SYSTEM



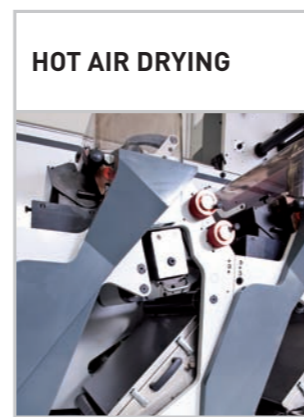
VISION-1 REGISTER CONTROL



EASY PRINTING SLEEVE CHANGE



SILK-SCREEN UNIT



HOT AIR DRYING



MONOTWIN-CUT



SERVO DRIVEN DIE-CUTTING UNIT



PEAL & SEAL UNIT AND MULTILAYER



HOT FOIL UNIT ON RAIL

What's NEW with XFlex X6

THE OPERATOR EYE

All printing operations have been studied from the operator's point of view. Easy, light and fast machine functions give the maximum security and reliability. Operators will make a much easier life from now on.

- Fully removable inking cassettes and light ink pans
- Ergonomic design for easy access and use of all functions
- Customer friendly intuitive tool-less adjustments
- Automatic set up and pre registration

A VERY SHORT WEB PATH

Thanks to a new concept of print unit design

- Much reduced set up waste
- Easy to re-web in case of web brake thanks to pivoting UV-cassettes

NEW CONCEPT OF GEARLESS-SHAFTLESS FLEXO PRINT UNIT WITH INTEGRATED IMPRESSION CYLINDER AND CHILL DRUM

- Improved print quality
- Fewer mechanical parts and less inertia offer advantages in register control during acceleration and deceleration
- Faster to achieve perfect registration
- Optimised tension control for printing on plastic film
- Free from gear marking thanks to Direct-Drive technology

INTEGRATED FULLY AUTOMATIC VISION-1 SYSTEM FOR PRE REGISTER AND AUTO CONTROL DURING PRODUCTION

- Low waste during set up
- No operator intervention necessary at any stage of the registration process
- Operator-independent performance
- Fully automatic by the press of a button

ANIOX ROLL CHANGES WITHOUT GEARS

- Reduced cost of tooling
- Easy set up and cleaning
- Light tools for easy handling

UNIQUE TECHNOLOGY TO ALLOW EASY PRINTING SLEEVE CHANGE

- High precision and maximum stability eliminates vibration and reduces maintenance
- Possibility of pre registered automatic settings

REDUCED INK QUALITY REQUIREMENT TO START PRINTING

- Valuable when printing special inks
- Can print with a minimum of 40 gr of ink

INNOVATIVE CHAMBER DOCTOR BLADE SYSTEM FOR WATER-BASED INKS

- High speed production
- For all those applications which require big consumption of ink and long runs

COMBINATION OF DRYING AND CURING SYSTEMS

- Combination of UV curing, IR and hot air dryers allow the use of all types of inks (waterbased and UV)
- Cold UV reflectors with low power consumption

FULLY INTERCHANGEABLE OPERATIONS (HOT FOIL, COLD FOIL, LAMINATION, TURNING BAR AND PRINT ON ADHESIVE) SLIDING ABOVE ALL PRINTING UNITS. FLEXO AND SCREEN PRINTING ON INTERCHANGEABLE CASSETTE

- Independently servo driven die cutting section allows integrated pre registration
- Possibility of different finishing solutions with extractable die cutting cassette
- Light and deep embossing

SAME REEL CAPACITY OF UNWINDER AND REWINDER REDUCES NUMBER OF STOPS FOR ROLL CHANGES

- 40" - 40" - 40" geometry standard

INNOVATIVE FEATURES

- Metric printing, via slipping function or via software selection with metric sleeves
- Overhead sliding rails suitable for all finishing modules, to reconfigure the press within seconds
- SERVO driven die-cutting for HIGH SPEED converting
- New matrix stripping rewinder design

TRANSPARENT FACTORY

- Easy link to your intranet and ERP
- Transfer of all production data from to the press
- Load of job specs / recipes from PC

