

XFlex X2 Specifications

	370
Max Speed	190 m/min
Unwinding roll diameter	1000 mm (40")
Web width	370 mm (14" 1/2)
Print width	365 mm
Infeed	servo-driven
Printing Cylinder	with helical gear
Cross print registration (CD)	manual
Longitudinal print registration (MD)	manual
Automatic pre-register 360°	standard
Print repeat	5" 1/2 - 24" (139,7 - 609,6 mm)
Printing plates technology	plates mounted on Print Cylinder
Anilox roll Cylinder	gearless and light weight
Quick Ink Change System	instant opening, using light weight ink pans
AVAILABLE PRINTING TECHNOLOGIES	
Flexo UV	5" 1/2 - 24"
Flexo Water Base	5" 1/2 - 24"
Rotary silk- screen (interchangeable cassette)	12" - 24"
Turning bar	•
Print on adhesive	•
Hot-Air (Dryer interchangeable position)	•
FINISHING, WITH MOVABLE ELEMENTS	
Overhead Rail System, for easy press reconfiguration	•
Cold Foil - UV Lamination (sliding on rail)	•
Movable Hot Foil (sliding on rail)	•
Delam/relam module (sliding on rail)	•
Web Turn bar (sliding on rail)	•
CONVERTING	
Die-cutting section	Max 24"
Matrix Rewinder with independent motor	1000 mm (40")
SUBSTRATES	
Film from 12 microns	•
Unsupported paper	•
PS material	•
Carton	•
OTHER TECHNICAL INFORMATION	
UV power	7,5 kW - 180 W/cm
Rewinders diameter	1 x 760 mm STD (1 x 1000 mm optional)
Second rewinder	1 x 760 mm



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



AS EASY
AS IT IS





XFlex X2 represents a cost-effective solution for low-budget converters or beginners who do not want to renounce to efficiency and flexibility.

Sharing the same concept of efficiency, reduced set-up times and high print quality offered by XFlex X6 and X4, XFlex X2 by OMET has been designed to allow the operator to work easily and instinctively on any job.

XFlex X2, equipped with standard print cylinders, can produce high quality labels as well as print on special materials.

It allows the printer to run a wide range of materials from plastic film to PS – and all with incredible set-up times of less than 30 seconds!

INNOVATIVE FLEXO UNIT W/PRINTING CYLINDERS



INTERCHANGEABLE FLEXO/SCREEN UNIT



COLD FOIL UNIT



HOT AIR DRYING SYSTEM



**AFFORDABLE
QUALITY**



What's special in XFlex X2

HOT FOIL UNIT ON RAIL



WEB TURN BAR



HIGH-PERFORMANCE DIE-CUTTING STATION



ROCK'N'ROLL MATRIX STRIPPING



UNCONCEIVABLE REGISTER PRECISION

A revolutionary concept of printing who meets the need of money saving of all world printers. It's value for money!

A REVOLUTIONARY CROSS PRINTING REGISTRATION ADJUSTMENT

Flexo print unit is with a unique feature in its kind

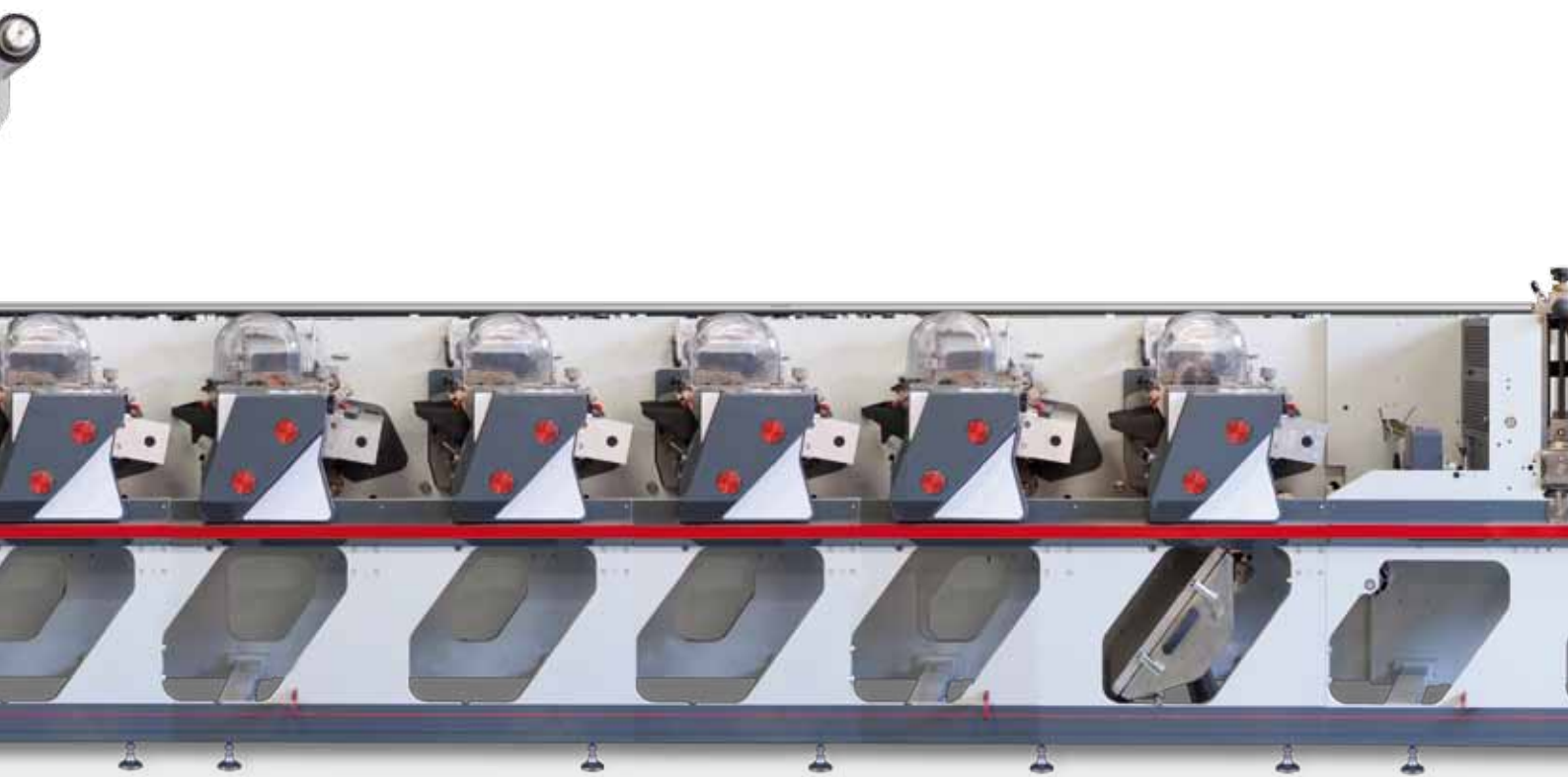
- Print side adjustment does neither cause any side movement to the material nor alteration of the longitudinal register
- Elimination of register waste, which is normally generated in this operation

AN EFFICIENT INKING SYSTEM

- Easy to load and replace on the press
- No adjustment to the doctor blade pressure, which has been optimized for tolerance in the pre-load stage
- One-point adjustment concept: no operators movement from one side to the other of the unit: all the ink and print pressure adjustments are located on the operator's side

REDUCED INK QUANTITY REQUIREMENT TO START PRINTING

- Valuable when printing with special inks
- The press can print using very low volumes of ink: less than a glass is needed to start up!



OPERATOR-FRIENDLY

All press operations have been designed to facilitate the operators' work. XFlex X2 offers maximum security, ease of use and accessibility

- Ease of access to the print unit
- A machine that fully and truly complies with current safety regulations
- Ease of use and fast job change in less than 30 seconds thanks to the extractable and interchangeable cassettes
- Setting and storing of all job parameters via a very friendly-use software

AN EVEN SHORTER WEB PATH

Successfully proven on XFlex X6. Enhanced here

- Vastly reduced level of waste in the start-up phase
- Innovative concept of Flexo print unit with UV lamps installed directly on the chilled impression cylinder

INCREASED PRODUCTIVITY WITH THE NEW CONVERTING SECTION

A completely re-designed converting section in which the die-cutters may automatically rise to disengage the drive

- Ergonomic access for adjustment with longitudinal cutting unit placed in a vertical position
- Improved performance in terms of speed and safety with the innovative matrix stripping rewinding unit (Rock' n' Roll by OMET)

FLEXIBLE CONFIGURATIONS

XFlex X2 can make combined prints such as UV Flexo, water-based Flexo, UV Silk-screen, Cold and Hot Foil, UV Lamination

- Additional units are located on sliding rails and positioned anywhere along the press like Cold Foil, web turn bars, print on adhesive, in-line Lamination
- The Silk-screen unit can be inserted onto any print position in place of a Flexo unit
- Delivery can be roll-to-roll, roll-to-sheet, roll-to-blank and folded products
- Production of special products, such as booklet labels

GEARLESS ANILOX ROLL

- Reduced weight and cost of tooling
- Easy set-up

WIDE RANGE OF PRINT FORMATS

- Min. 5" 1/2 Max. 24"
- Photopolymer cost savings especially on short runs, using the smallest formats

QUICK INK CHANGE SYSTEM

- Easy to load and replace on the press
- No adjustments to the doctor blade pressure, which has been optimized for tolerance in the pre-load stage
- 'One-point' adjustment concept: no operators movement from one side to the other of the unit: all the ink and print pressure adjustments are located on the operator's side

