

XFlex X2 Specification

	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 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



PRINTING  
YOUR WAY

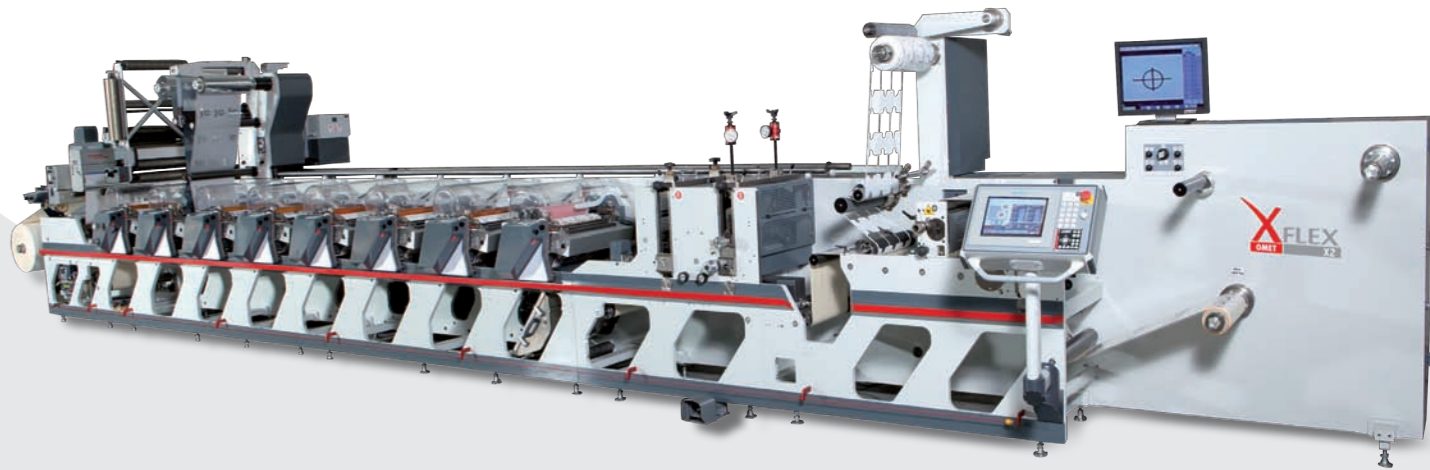


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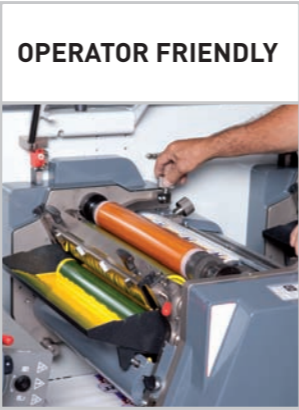


**The most cost-effective solution.**

Starting from the same concept of efficiency, with the same low set-up times and high print quality offered by the new XFlex X4 and XFlex X6 models, the XFlex X2 has been designed to allow the operator to work easily and instinctively on any job.

XFlex X2 has been created to produce high quality conventional labels as well as being able to print on special materials.

OMET is offering this sector a complete printing press, which maintains top quality, and allows the printer to run any kind of material from plastic film to adhesive labels – and all with incredible set-up times of less than 30 seconds!



## What's NEW with Xflex X2

**AN INCREDIBLE REGISTER PRECISION**

A new revolutionary concept of printing who meets the need of money saving of all world printers

- It's value for money

**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 new waste removal unit
- Leader in ergonomics

**A VERY EFFICIENT INKING SYSTEM**

- Easy to load and replace on the press
- No adjustment to the doctor blade pressure, which has been optimised 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

**THE OPERATOR EYE**

All printing operations have been studied from the operator's point of view, following the pioneer of our sector: OMET Xflex X6. Easy to use, ergonomic and safe in all operation

- No costing time or restricting access to print unit
- Fully and truly complies with current safety regulations
- Extremely intuitive touch-screen interface
- Easy to use and fast job changes thanks to its extractable and interchangeable drawers - less than 30 seconds
- Setting and storing of all job parameters with a very friendly-use software

**EXTREMELY SHORT WEB PATH**

Flexo print unit of Xflex X2 shares some of the best features of Xflex X6, which has become a world leading benchmark in narrow web printing

- Vastly reduced level of waste in start-up phase thanks to the short web path
- New concept of flexo print unit with UV lamps installed directly on the chilled impression cylinder

**A REVOLUTIONARY CROSS PRINTING REGISTRATION ADJUSTMENT**

Flexo print unit has one more 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

**FLEXIBLE CONFIGURATIONS**

XFlex X2 can make combined prints such as UV flexo, water-base flexo, UV silk-screen, cold and hot foil application, UV lamination

- Additional units are located on sliding rails, for example cold foil, turn bars, printing on adhesive, and lamination, all of which can be positioned in any sequence
- Silk-screen unit can be inserted into any of the print positions, in place of a flexo unit
- Delivery can be on roll to roll, roll to sheet, roll to blank and folded products
- Production of special products, such as booklet labels

**ANILOX ROLL CHANGES WITHOUT GEARS**

- Reduced weight and cost of tooling
- Easy set up
- No risk of damage to the gear itself

**REDUCED INK QUANTITY REQUIREMENT TO START PRINTING**

- Easy to load and replace on the press

**WIDE RANGE OF PRINT FORMATS**

- From a min. 5"1/2 to max. 24"
- Photopolymer costs saving, especially on short runs, using the smallest formats

## THE EASY AND BETTER PRINTING SOLUTION

