

iFLEX

OMET



DISCOVER THE GREAT
POTENTIAL OF **iFLEX**
SMART • INTUITIVE • QUALITY

GREAT INSIDE





THE REVOLUTION CONTINUES

THE LABEL PRESS

iFlex is the narrow-web label press conceived to revolutionize the concept of flexo print, thanks to its innovative and exclusive features designed to enable the best printing performance through user-friendly and quick operations. It is a real game-changer with no match on the market, **able to support any label converter who needs to produce in one pass all type of labels with fast return of investment.**

Its functional design and the extreme accessibility of all units make **iFlex** the most compact flexo press on the market, easy to operate and easy to maintain.

OMET strong reputation, based on 50 years' experience, together with the "Made in Italy" manufacturing quality add even more value to this machine, making **it the best value-for-money solution.**

TARGET MARKETS

WINE & SPIRITS

FOOD & BEVERAGE

HOUSEHOLD

INDUSTRIAL

HEALTHCARE

COSMETICS





A REVOLUTION THAT OPENS NEW POSSIBILITIES AND CREATES VALUE

Within the label market, there are many end-use applications and different typologies of labels, providing brand owners with a wide range of opportunities to increase the appeal of their products.

iFlex is able to produce all kind of labels with maximum efficiency, including self-adhesive, wraparound and shrink labels, thanks to an improved design expressly conceived to print on a wide range of substrates including unsupported filmic materials.

END-USE APPLICATIONS

SELF-ADHESIVE LABELS

WET-GLUE LABELS

MULTI-LAYER LABELS

WRAPAROUND LABELS

SHRINK SLEEVES





MAIN FEATURES

iLight

SMART PRINT SET-UP

The easiest way to **pre-register** every printing cylinder thanks to **the first laser application** on a flexo press. The laser beam guides the operator to the perfect alignment of all plates with one simple move **Pop&Drop**.



iVision

READY TO PRINT IN 1 MINUTE

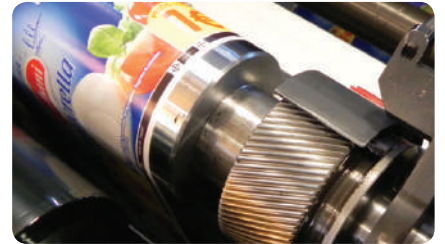
A set of **Smart Cameras**, one on each flexo unit, allows the operator to check and fine-tune **the register of each color one-by-one in real-time**, with sharp precision and very little waste involved.



iDrive

PERFECT PRINT STABILITY

It is the first and only press with **next-generation direct driven printing transmission**, which assures **no backlash** and absolute **printing stability** during every run and for the entire lifetime of the machine.

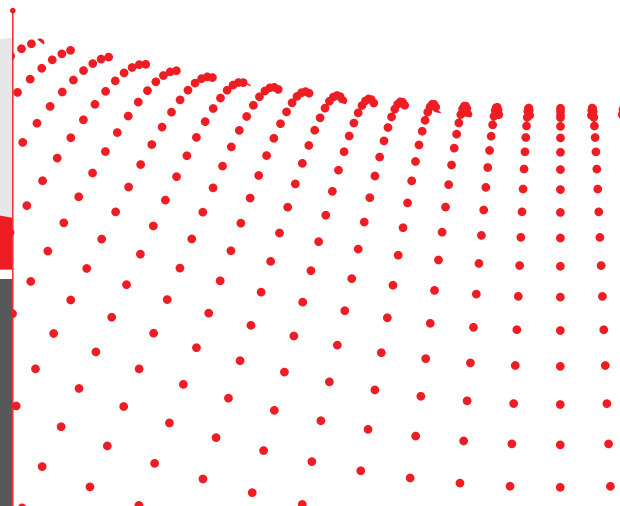
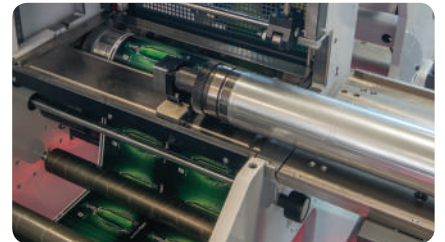


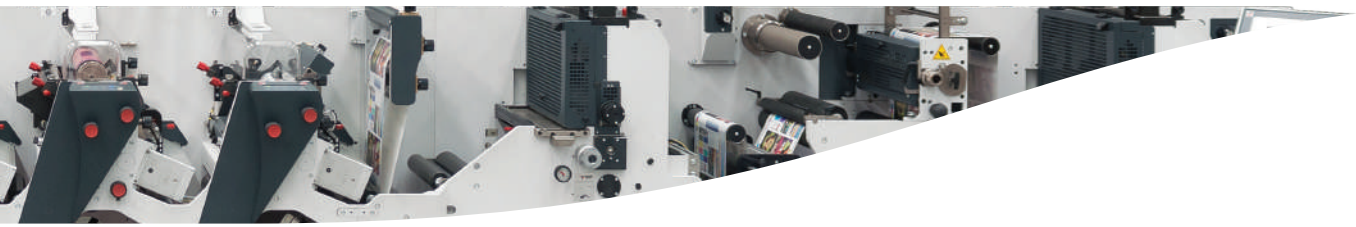
ECDC

OMET
Easy-Change Die-Cut

EFFORTLESS DIE-CUT CHANGE

Compact and ergonomic die-cutting unit with **"Easy-Change" technology** allowing for quick and easy handling of cylinders and flexible dies thanks to its sliding system, with no need for any lifting device.

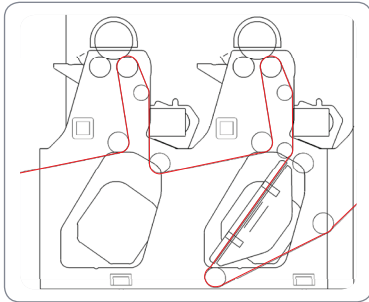




IFLEX MAKES YOUR LIFE EASY

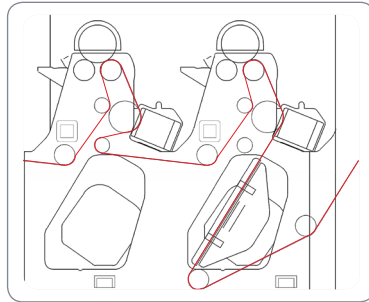
EASY PRINTING

iFlex flexo stations can be configured with specific chill rollers to help cool down the substrate and keep the temperature stable, allowing for perfect printing results even on filmic and unsupported materials.



iFlex Label

UV/UV Led – Hot-Air



iFlex Label&Film

UV/UV Led – Hot-Air

EASY CONVERTING

The new converting section offers enhanced capabilities with exclusive features to facilitate the complete converting process, including the possibility to add slitting and sheeting station for blank delivery.

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.

EASY-STRIP SYSTEM

Special module conceived to facilitate the stripping process of particularly strong adhesive substrates and/or intricate label shapes even at high production speed, eliminating possible matrix breaking.

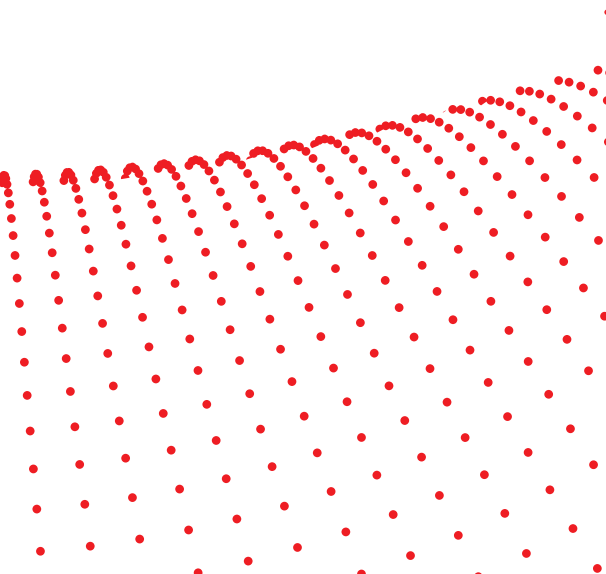
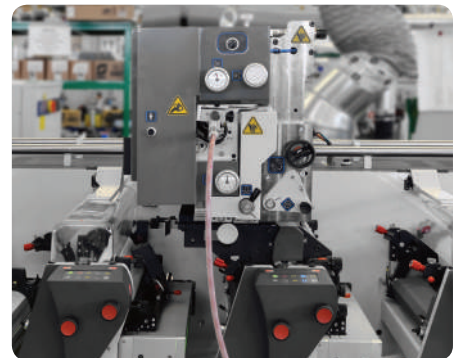
PRINTING TECHNOLOGIES

FLEXO UV

FLEXO UV LED

FLEXO WATER-BASE

ROTARY SCREEN PRINTING

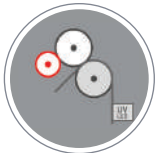


FINISHING & CONVERTING

DRYING AND CURING SYSTEMS



UV



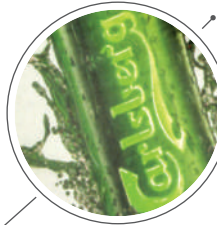
UV LED



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

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 face, featuring web-turning bars for both back and front printing



TECHNICAL SPECIFICATIONS

iFlex	
Web width	370 mm (14" 4/8)
Print width	360 mm (14" 2/8)
Max. speed	190 m/min (630 ft/min)
Unwinder Ø	1000 mm (40")
Rewinder Ø	760 mm (30")
Print repeat	5,5" - 18"
Die-Cutting Repeat	8" - 24"
Flexo technology	Printing cylinders
Pre-register adjustment	iLight
Register adjustment and control	iVision

Product Video Presentation

Use the **QR Code** with tablet or smartphone App to see the video presentation of **iFLEX**





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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