



iFLEX
THE LABEL PRESS

iFLEX
OMET





iLIGHT

Pre-register system with laser pointer on every print unit. The laser pointer guides the operator to the perfect alignment of all plates. The same is used on the die station so the entire machine set up and job pre-register are immediately effective and without possibility of mistakes.

iVISION

A color-registration system based on a single camera for every print unit. The operator checks and fine-tunes the register of each single color one-by-one simply looking at the instant image on screen. This single camera assisted system allows to achieve the perfect register before all colors reach the machine end.

CONVERTING EXPRESS

A brand new converting unit with a platform to slide-in the magnetic cylinders from the side. The "QCDC" Quick Change Die Cutting System drastically reduces the change over time of heavy-duty tools which can now be prepared off-line and quickly be inserted in the press by mean of a simple tray. In addition, the Rock'n'Roll matrix stripping unit guarantees non-stop and smooth operations even with complex label shapes.

DIRECT DRIVE

The first and sole narrow web press with only one gear for each Flexo print unit. This innovative engineering solution grants the best precision in register and the highest level of performance in a press. It delivers an immediate reaction of the plate cylinder re-positioning and the highest level of stability for the entire lifetime of the machine.

iLIGHT

The first laser application in Flexo web printing allow a pre-register who speeds up the job changeover and reduces waste.



	370
Max speed	190 m/min. (630 fpm)
Web width	370 mm (14"1/2)
Print width	365 mm (14"3/8)
Flexo UV print repeat	5,5" - 18"
Rotary Silk-screen print repeat	12" - 24"
Pre-register	iLight & iVision systems
Finishing Units:	Cold Foil, Rotary Silk-screen, UV Lamination
Converting Express	
Die-cutting	8" - 24" (suggested min.12")
Cutting Change	QCDC (Quick Change Die Cutting)
Matrix Stripping Unit	Rock' n' Roll
OMET reserves the right to change machine specifications at any time	



iFlex

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iFlex fills a gap in technology supporting small to large label converters who need to produce in one pass all types of PS labels with the least amount of waste.

iFlex represents the “conventional” solution to fight in the “digital world” thanks to the highest level of efficiency in its category.

iFlex is a label press characterized by ease of use, efficacy of operation, least wastage and extremely low maintenance level. Several innovations characterize this press, all aiming at simplifying the printer’s work in reaching the highest quality, effortless. They include servo-assisted tension control of the substrate to guarantee the best flexibility on substrates and the register stability.

iFlex comes with the shortest web path in narrow web print industry (just 1.300mm in between two print units) for unmatched savings on start-up and machine re-start.

iFlex is the only narrow web press to offer printing cylinders with direct-drive technology, which leads to incredible results in print quality and saving of consumables. No motors and gears’ maintenance and tolerances any more.

iFlex machine handles the widest range of print repeats: from 5” to 18 ½” in order to reduce dramatically plate making cost and compete even with digital label printing machines.

iFlex has a robust but compact design and it’s engineered to last. Year after year you will always deliver the same print quality, thanks to this almost gear-less solution.

QCDC

Quick Change Die Cutting allows to prepare all tools off-line and to move them to the press on cart. No more need to use cranes and no hazards for the operators.



iVISION

An iVision camera system on each printing unit for real time register setting. No need to wait the register marks to reach the videocamera at the end of the press. Thanks to the new iVision system, **iFlex** allows a register precision and a print quality equal to the one of much higher category machines.





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