



# Varyflex

Narrow Web Printing Platform

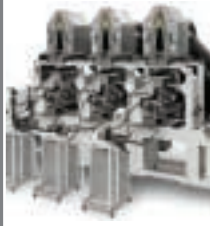
Innovation With Passion



## Printing Technologies



Flexo



Rotogravure



Offset



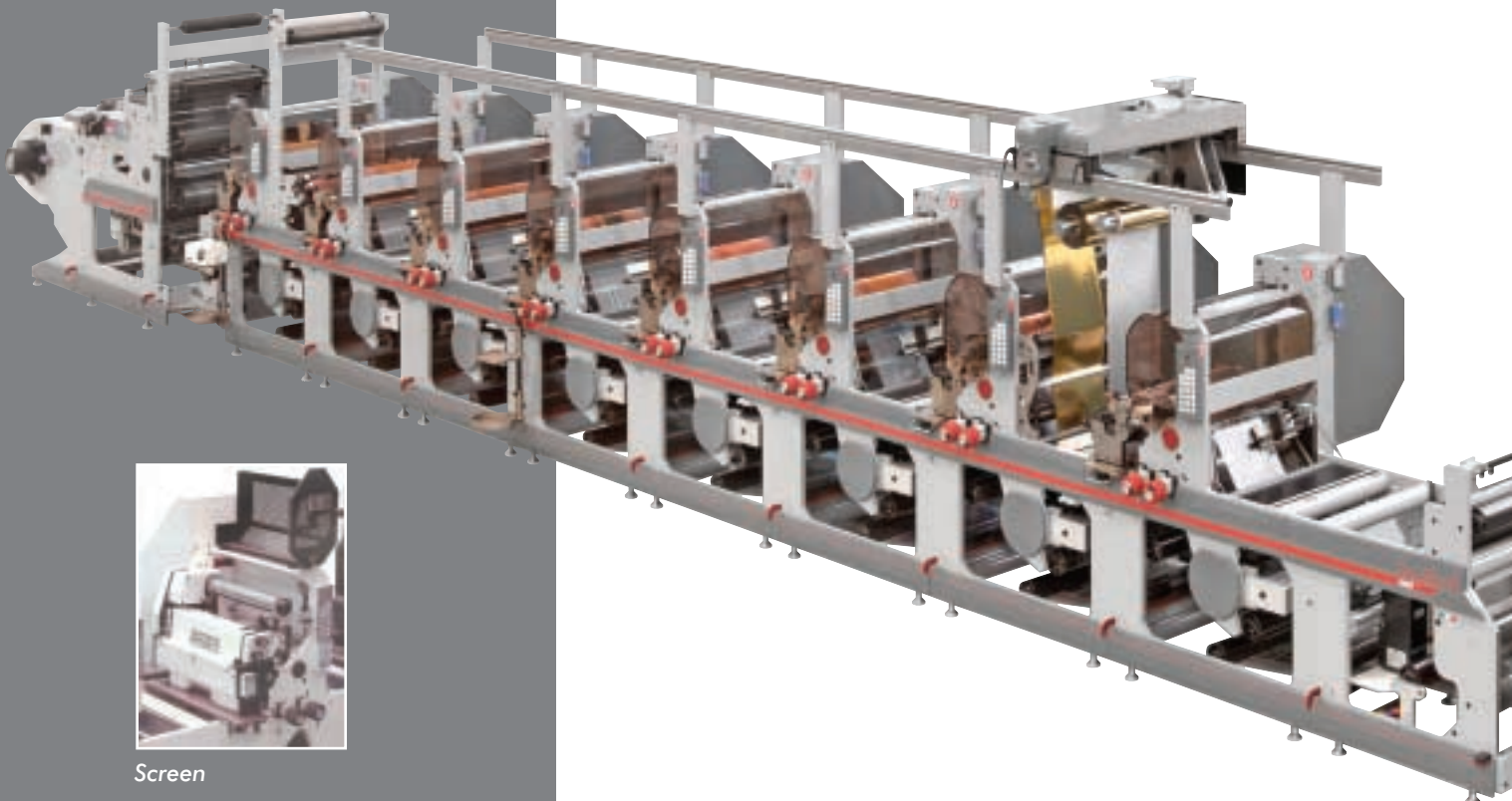
Screen

# The VaryFlex F1

VaryFlex F1 is the new Omet platform, designed to offer a wide range of printing and finishing technologies. UV or Water Base Flexo, Screen, Offset and Gravure can be easily combined, while Hot or Cold Foiling processes can be integrated in order to supply a complete range of finishing. As a consequence, VaryFlex F1 is the ideal platform for high speed film printing.

Further, a wide choice of converting systems and options is available for the inline carton converting applications. VaryFlex F1 offers servo driven modules including heavy duty and interchangeable creasing, die cutting and sheeting modules. Full automation is provided by several delivery options, including shingling conveyors and stackers.

**The ideal solution for printing on flexible packaging and carton**



## Take a look at these features:

### Set Up – Easy and Fast

Interchangeable units for Water Base and UV Flexo, Screen, Gravure and Cold Foil

Fast job changes using sleeves prepared offline

MD pre register, auto register and re register functions to reduce waste and increase job versatility

Option for Vision-1 System for a fully automatic MD and CD print registration

Removable and interchangeable inking and die cutting units for fast set up offline

Ergonomic design to reduce operator fatigue and increase control

### Operator Interface – Simple and Intuitive

Allows fast and problem free job changes

Facilitates repeat jobs

Allows easy setting and storing of job parameters – web tension, print repeat, anilox volumes, colour sequence

Stores your settings for perfect repeatability

Transparent Factory - Omet's remote diagnostic service for press performance monitoring and software upgrades via the internet

### Options

Single or double rewinders for film and self adhesive

Automatic rewinders

Delam / relam and flexible overhead rail system for labels

Peel and seal system for multilayer labels

Carton package

Auto decurler

Mini stackers for small format sheets

Shingling table for die cut blanks

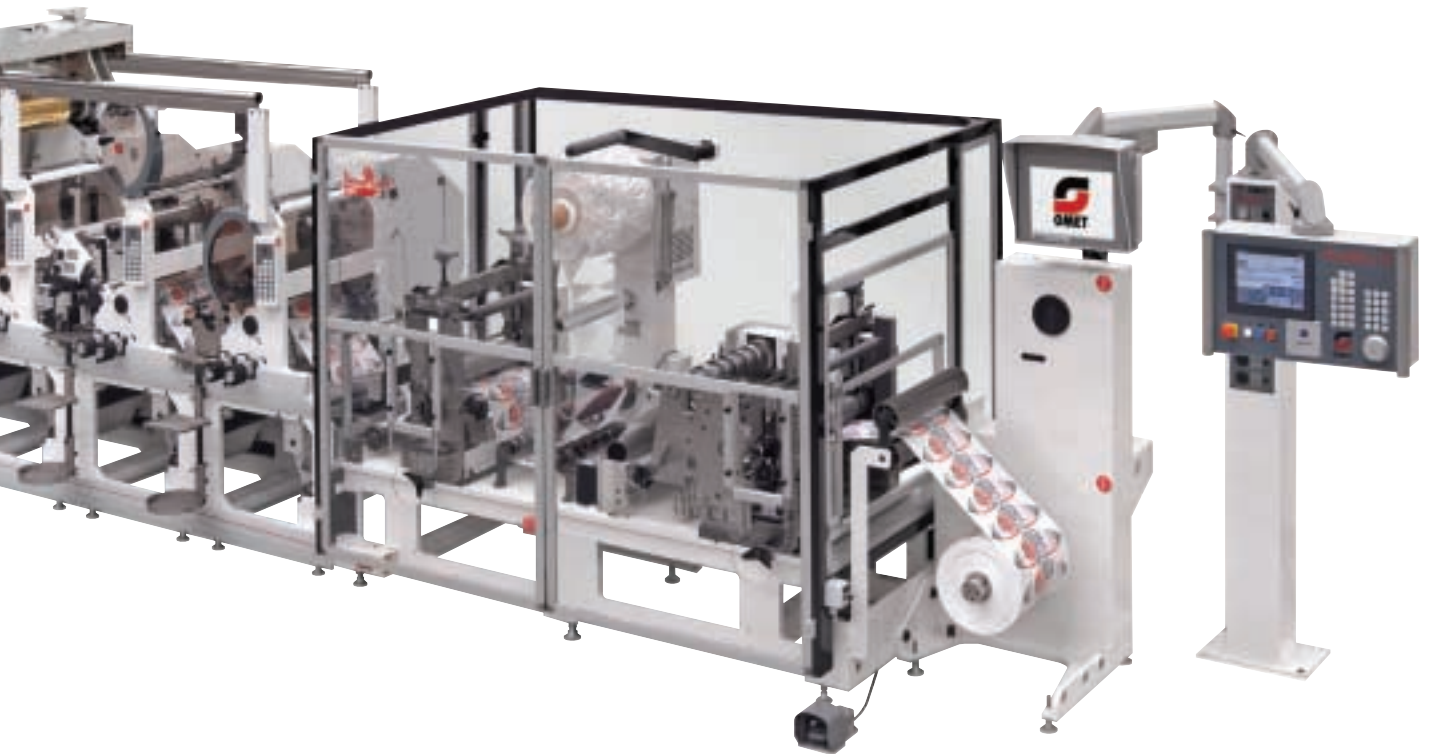


# The *VaryFlex C*

The VaryFlex C combines gearless and servo technology to give high performance across the widest range of substrates. With no gears on the plate cylinder and no transmission shaft, the operator has finite control of the press whatever the substrate. Designed to exceed the needs of label and flexible packaging printers, the advanced technology of the VaryFlex C offers a rapid return on investment. Its compact footprint makes it ideal for production floors with limited space, without in any way reducing the quality of the end product. In fact, the VaryFlex C is a unique combination of short set up times, high speed running, and low waste levels that fit today's market for printed packaging perfectly.

**The ultimate narrow web  
converting line**





## Take a look at the products being produced and markets supplied by converters using VaryFlex lines around the world...

### On paper and self adhesive film (PE, PET, BOPP, Clear on Clear)

Cosmetic labels  
 Pharmaceutical labels  
 Agriculture and foodstuff labels  
 Industrial labels

### On unsupported film (PP, OPP, BOPP, PE)

Wraparound labels  
 Packaging film for foodstuffs with inline lamination  
 In-mould labels

### On heat shrink film (PVC, OPS, PET)

Shrink labels  
 Clear film boxes

### On aluminium

Pharmaceutical blister  
 Yoghurt lids  
 Toothpaste tubes on laminate materials

### On paper

Labels for wine, beer and mineral water  
 Ice cream cones  
 High end printed envelopes

### On carton

Cups and trays for the fast food market  
 Packaging for the tobacco industry  
 Display blisters  
 Cartons for pharmaceuticals and cosmetics

### Plus, special applications that include:

Promotional labels, booklets, coupons  
 Traceable labels (RFID)  
 Parking and transit tickets with magnetic band  
 Hologram or variable information printing applications for anti counterfeit or security use



## VaryFlex F1 and VaryFlex C Specification

	340	430	530	670	840
Max speed	200 m/min	200 m/min	200 m/min	200 m/min	200 m/min
Max speed (HS)				300 m/min	300 m/min
Unwinding roll dia (mm)	1000	1000/1500	1000/1500	1000/1500	1000/1500 mm
Paper width	340 mm	430 mm	530 mm	670 mm	840 mm
Print width	330 mm	420 mm	520 mm	670 mm	840 mm
<b>Available printing technologies</b>					
Flexo UV	12"-33"	12"-33"	12"-33"	12"-33"	12"-33"
Flexo Water Base	12"-33"	12"-33"	12"-33"	12"-33"	
Flexo Solvent Base	12"-33"	12"-33"	12"-33"	12"-33"	
Rotary Screen	12"-24"	12"-24"	12"-24"	12"-24"	12"-24"
Rotogravure	12"-26"	12"-26"	12"-26"	12"-26"	12"-26"
Inline metallisation	X	X	X	X	X
<b>Overhead Rail System</b>					
Multiple web system	X	X	X	X	X
<b>Finishing</b>					
Cold Foil (mobile on rail)					
Overhead Rail System	X	X	X	X	X
Hot Foil (with or without Saver)	X	X	X	X	X
Inline Hologram print (Holo-Foil)	X	X	X	X	X
<b>Converting</b>					
Label die cutting	Max 24"	Max 24"	Max 24"		
TwinCut system (semi rotary)	12"-20"	12"-20"			
TwinCut system (continuous)	Max 24"	Max 24"	Max 24"		
Carton die cutting solution with engraved rolls or cylinders and magnetic dies		12"-33"	12"-33"	12"-33"	12"-33"
Toolless Flying Cut	12"-33"	12"-33"	12"-33"	12"-33"	12"-33"

Omet reserves the right to change machine specifications at any time.

## Converting Solutions



Carton Converting Section



Toolless Flying Cut



High Pile Stacker



**Innovation With Passion**

Omet SRL, Via Caduti a Fossoli, 22, 23900 - Lecco - Italy  
T: +39 0341 367513 F: +39 0341 284466  
E: [comm@omet.it](mailto:comm@omet.it) W: [www.omet.it](http://www.omet.it)