



The Flexy and Flexy-S

Simple Technology For Printing Presses

Innovation With Passion



The

Flexy

User friendliness, flexibility, and quick changeovers are Flexy's main features to meet today's market requirements. Printers need flexibility which is why we have designed the new Flexy to accept WB and/or UV Flexo, Rotary Screen, inline Hot Foil and Cold Foil units to offer maximum profitability. Flexy allows high performance and value for all the printers who are on the starting line.

The most flexible solution for the modern label converter



Take a look at these features:

Set Up – Easy and Fast

- Interchangeable units for Flexo and Rotary Screen
- Fast job changes using completely removable and interchangeable printing cassettes
- Ergonomic design to reduce operator fatigue and improve control
- Completely interchangeable tooling with market standards
- Operator Interface – Simple and Intuitive allows fast and problem free job changes
- Extremely high quality mechanical construction to guarantee the best printing quality
- Incredibly short web path to reduce waste and increase job versatility

Options

- Single or double rewinders for film and self adhesive
- Option for automatic rewinders and unwinders
- Delam / relam and reverse printing
- Peel and seal system for multilayer labels
- Mini stackers for small format sheets



The New

Flexy-S

The servo driven Flexy-S combines shaftless and servo technology for top performance across the widest range of substrates. The Flexy-S offers the possibility to print either imperial or metric repeats, thanks to the servo motors that provide drive to the plate and impression cylinders.

In combination with the automatic register control, this provides the best printing precision and allows the fastest make readies. Flexy-S uniquely combines short set up times, high speed running, and low waste levels that fit today's market for top label printers.

What's new on Flexy-S

Twin cut unit – produces all printing formats without the need to change the magnetic cylinders, with remarkable production cost saving

Dual servo to improve quality and avoid conflict between printing and converting operations, owing to no line shaft.

Pre register and register functions to reduce waste and increase job versatility

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

Servo for maximum flexibility

Flexy and Flexy-S Specification

	255	330	420
Max.speed (Flexy-S)	200 m/min	200 m/min	200 m/min
Max.speed (Flexy)	150 m/min	150 m/min	150 m/min
Unwinding roll dia (mm)	1000	1000	1000
Paper width	255 mm (10")	330 mm (13")	420 mm (16")
Print width	255 mm	330 mm	420 mm
Available printing technologies			
Flexo UV	6"-24"	6"-24"	8"-24"
Flexo water base	6"-24"	6"-24"	8"-24"
Rotary silk-screen	12"-24"	12"-24"	12"-24"
In-line adhesive (hot-melt)	X	X	X
Finishing			
Cold foil (mobile on rail)			
Hot Foil	X	X	X
Converting			
Label die-cutting	Max 24"	Max 24"	Max 24"
TwinCut mode	10"-20"	10"-20"	10"-20"
Continuous mode	Max 24"	Max 24"	Max 24"

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



TwinCut Unit:

Innovative die cutting system with magnetic cylinders that allows the making all formats using two pairs of magnetic cylinders without the need to buy more. TwinCut unit makes the inline production of labels faster and easier.

Take a look at the products being produced and markets supplied by converters using Flexy 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 aluminium

Pharmaceutical blister

Yoghourt lids

On paper

Labels for wine, beer and mineral water

Ice cream cones

Plus, special applications that include:

Promotional labels, booklets, coupons

Traceable labels (RFID)

Parking and transit tickets with magnetic band

Cartons for pharmaceuticals

Tags

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

Wraparound labels

In-mould labels

On heat shrink film (PVC, OPS, PET)

Shrink labels



UV Flexo print unit



Combined UV chill drum hot air



Electronic handwheel on sliding panel



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