SCODIX E106

Welcome to a new world of print enhancements for the folding carton industry.

A true cutting-edge digital press, the Scodix E106 delivers superior print enhancement solutions to the folding carton industry, including Scodix Sense, replacing conventional silk screen and embossing, Scodix Foil, an inline digital foil unit for standard hot and cold foils, Scodix Spot, for flat varnish silk screen effects – and more.

Capable of printing B1 (1060 x 760mm) format sheets and enabling ultra-fast production (up to 4,000 SPH), the Scodix E106 efficiently handles medium to short run lengths that were once unachievable. This unique combination of features and functionality, exclusive to Scodix, provides numerous benefits for folding carton converters to differentiate their product offering and increase profit margins.

THE SOLUTION OF CHOICE

With the Scodix E106, folding carton converters and brand owners can create a real impact and maximize shelf appeal for a wide range of consumer products and packaging. Fast becoming the preferred choice for folding carton printers, converters will be able to offer shorter run lengths, increased SKUs, enter new markets and gain a competitive edge in an industry where value-added services empower brands.

With no tooling costs and next to no set-up time required, the Scodix E106 is a strong contender in replacing analog equipment. Highly cost-effective, for jobs up to 10,000 sheets, converters will significantly shorten time-to-market and reduce operational costs.

Enhance Your Competitive Edge

Scodix Foil | Scodix Sense | Scodix Spot | Scodix Braille | Scodix Metallic | Scodix VDP/VDE | Scodix Glitter | Scodix Crystal | Scodix Cast&Cure

SERVING THE FOLDING CARTON INDUSTRY

A challenging, fast-paced sector, the folding carton industry demands a very high system utilization rate. Recognized industry-wide, the Scodix E106 seamlessly integrates a Mabeg GmbH paper handling system and a Compact Foilers digital foil unit. Coupled with Scodix's longtime expertise in inkjet technology, patented print registration and advanced print algorithms, folding carton printers can now enjoy the benefits of a robust and highly reliable system.

PRINT ENHANCEMENT CAPABILITIES

Multiple print enhancements in one versatile technology platform, the Scodix E106 delivers premium quality effects, including:
- **Scodix Sense** - replaces conventional silk screen/embossing
- **Scodix Foil** - inline digital foil unit using standard hot/cold foils
- **Scodix Metallic** - foil like and metallic effects in long/short runs
- **Scodix Spot** - flat varnish silk screen effect
- **Scodix Variable Data** Finishes/Foils

BENEFITS

- **Scodix OTF RSP (On The Fly Rotate Scale & Position) patented registration technology** – Each sheet is individually aligned; unique PDF separation layer is created on the fly for each one

- **Mabeg GmbH Paper Handling System** – With 65+ years of experience and expertise, the Mabeg MXP conveys sheets at high speeds, with high reliability and system utilization

- **Compact Foilers Digital Foil Unit** – Compact Foilers, cold foil units for offset presses market leader; integration of the foil unit promises a mature product with high reliability and high production speeds

- **Foil Saving Options** – Up to 5 separate foil rolls with min. width of 50mm (max. width of 1060mm); sheet indexing saves foil between sheets/image indexing saves foil between foil images

- **Single Pass Scodix Sense & Scodix Foil** – Following required enhancement separation layer, the Scodix E106 can print a single pass of Scodix Sense/Embossing/Spot and Foil, enhancing overall system efficiency and increased added value

TECHNICAL SPECIFICATIONS

Printing Technology	Fixed Array Inkjet technology
Print Resolution	Up to 600 x 1250 DPI
Paper Size	Min. 707 x 500mm
	Max. 1060 x 760mm
Image Size	Max. 1040 x 750mm
Registration Technology	4 CMOS cameras - auto positioning, rotate, scale, position
Registration Accuracy	±120um
Paper Handling System	Mabeg MXP
Productivity	Up to 4000 B1 sheets/hour
Feeder/Stacker	1.5m paper pile height; pallet load/unload
Data Format	PDF internal RIP
Variable Data	Optional barcode system
Paper Weights	135 - 700 GSM
Polymer Tanks	Unlimited polymers
Foil System	Inline digital foil (deploys hot & cold foils)
Foil Saving options	Up to 5 separate foil rolls (min. width 50mm), sheet indexing, image indexing
Applications	Sense, spot, variable data, foil, metallic and more
System dimensions (LxWxH)	10.2 x 6 x 4m
System Weight	10.4 tons