



Grow your business and increase your margins with best-in-class Digital Foil capabilities



With the Scodix Foil station, Scodix has once again raised the bar for digital enhancement. An additional module that runs in-line with the Scodix Ultra Pro Digital Press, Scodix Foil digitally creates a brilliant foil effect simply, efficiently, in-house with no waste or mess. PSPs and folding-carton converters can easily produce short to medium runs profitably. Scodix Foil produces a luxury effect for a wide variety of applications; marketing literature, stationery items, book covers, boxes and premium packages, greeting cards, photo albums and more – the opportunities are endless.

A large variety of hot and cold industry standard foil films are available with the unique Scodix Foil application as well as large variety of substrate such as Offset, Digital, Plastics, Laminated, Non-laminated, coated and without coating substrates.

Scodix Foil is ideal for commercial printers, coping with short to medium runs, who today have to outsource the foil application or to use a long and expensive make-ready process including molds and dies, as well as for converters doing high-end short up to medium runs.

Scodix Foil is an additional station that runs in-line with the Scodix Ultra Pro platform and benefits from three main technological advantages:

1. RSP™ (Rotate Scale Position) technology- based on 4 CCD cameras and sophisticated algorithms for optimal registration.
2. PAS™ (Pin Activate Secure) process - a unique and patented foil process utilizing the PolySENSE 500™ polymer that enables extra fine details and large surfaces with a large variety of foils on a wide selection of substrates.
3. Transfer process - achieved due to the cooperation with Compact Foilers, the market leader in foil transfer units. The synergy between the companies enables flawless, robust, high yield production with three types of foil saving resulting a significant cost saving

Cost Effective

Replacing the conventional analog method and eliminating the need for dies, plates, molds and other expensive make-ready costs, the result is a breakeven point of around 9,000 sheets and a huge cost saving for short to medium runs.

High Quality

Using Scodix unique patented technologies, the PAS™, RSP™ and transfer process demonstrate best-in-class Foil enhancement prints with extra fine details, high gloss, surface coverage with perfect registration. The high-end print quality is produced in a stable, automatic process.

Digital

The digital process ensures ease of use, the ability to have variable data print enhancements in a green process that is highly responsive to clients' needs

In-house

Having the foil enhancement application in-house results in fast time to market, independent of any 3rd party supplier, and ensures confidentiality by eliminating exposure of your jobs to other PSPs.

The Scodix Ultra Pro and Scodix Foil station have a robust and stable design. This design has been implemented to work seamlessly in high production environments. Scodix Ltd. is the leading provider of digital print enhancement presses for the Graphic Arts industry, offering print service providers and converters the ability to add value to the products they provide to their customers.

Scodix digital enhancement solutions help you grow your business by offering your customers premium print products, in-house, under your control – profitably. You can expand your portfolio of products and customers by introducing the brilliant tactile applications (effects) of Scodix SENSE™ for embossing, Scodix Spot™ for silk-screen, Scodix VDP/VDE, Scodix Braille and the best in class Scodix Foil effects. All these applications can be produced on Scodix digital enhancement presses. Ensure your business success with Scodix digital enhancement solutions.

Foil technology	Digital in-line with Scodix PAST™ foiling technology
Foil Roll size	Diameter: Max 30cm; length: max 2,000m; Core: 77mm / 3in; Width 50mm - 500mm / 1.97in – 19.68in
Max Max number of rolls simultaneously	Up to 4 rolls
Polymer layer thickness	From 40 Up to 80 microns
Substrates weight	135 - 675 gsm / 6 - 30 points
Substrates thickness	Up to 700 micron
Foil Polymer	PolySENSE 500™ Clear Polymer
Foil films type*	Large variety of industry hot and cold standard foil films
Substrates**	Offset, Digital, Plastics, Laminated and coated substrates
Resolution	Up to 2,540 x 450 DPI
Variable data (VDP)	PDF, Optimized PDF, Optional Barcode system
Scodix RSP™ Technology	4 CCD cameras system, RSP™ algorithm Automatic positioning
Substrates loading sizes	Minimum L297 x W420 mm / 11.7 x 16.5 in Maximum – L545 x W788 mm / 21.5 x 31 in
Foil Station dimensions (L x H x W)	1660 x 1448 x 1979mm / 65.3 x 57 x 77.9in
Press with station dimensions (L x H x W)	7880 x 1790 x 1979mm / 310.2 x 70.4 x 77.9in
Station weight (Net)	1,400 kg / 3,086 lbs.
Press weight (Net)	4,400 kg / 9,700 lbs.

* Based on the Scodix Recommended Foil List for Foil (RFL)

** Based on the Scodix Recommended Media List for Foil (RML for Foil) surface tension should be within the range of 36-44 dyne/cm.



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