SCODIX
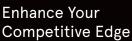

SCODIX ULTRA2

Series of Digital Enhancement Presses

The Scodix Ultra2 digital enhancement series of presses bring new levels of flexibility, quality and productivity to commercial PSPs and folding carton converters.

The Scodix Ultra2 series of presses include:

Scodix Ultra2
Scodix Ultra2 Pro
Scodix Ultra2 Pro with Foil

Enhance Your Competitive Edge

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

THE ULTIMATE MULTI MATERIAL PLATFORM

Scodix Ultra2 series of presses with the multi material platform provides you with the largest array of enhancement job capabilities in the print industry today. The multi material platform produces unmatched quality – on time and on budget – all on one press platform, supporting multi applications, multi print processes and multi substrates.

The **multi applications** enable up to 9 applications to efficiently run on this single platform, replacing the need to run separate systems on your production floor.

Applications Include:

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

The **multi print processes** allows performing enhancements from various CMYK print processes up to B2+ size sheet format (545 x 788mm / 21.5 x 31in), with material weights from 135 to 675gsm / 6 to 30 points and material thickness up to 0.7mm / 700 microns. Scodix Ultra2 series of presses support most CMYK print processes including: Offset, ElectroInk (HP Indigo), Inkjet and Toners.

The **multi substrates** give you the freedom to print enhancements on paper, lamination, variety of water based coatings, PVC and carton. Today, there are over 100 qualified medias including offset, digital, plastics, laminated/non-laminated, coated and uncoated with no need for additional, complex set-up. Scodix brings numerous benefits to a range of industries, including commercial print, direct mail, folding cartons, point of display, web2print, security markings and many more with a focus on fine details and surface finishing. Products produced with Scodix enhancements include business/greeting cards, folders, book covers, brochures, labels, packaging and more.

TECHNICAL SPECIFICATIONS

Foil technology	Digital in-line with Scodix PAS™ foil technology
Foil roll width (min/max)	50-500 mm / 1.97-19.68 in
Foil roll size	Diameter: max 30 cm; Length: max 2,000 m; Core: 77 mm / 3 in
Max number of simultaneous rolls	Up to 4 rolls
Polymer layer thickness	From 5 up to 250 microns
Substrate weight	135-675 gsm / 6-30 points
Substrate thickness	Up to 700 microns
Foil film type*	Wide variety of industry standard hot/cold foil films
Substrates**	Offset, digital, plastics, laminated and coated/uncoated substrates
Resolution	Up to 2,540 x 450 DPI
Variable Data Enhancement (VDP)	PDF, optimized PDF, barcode system (optional)
Scodix RSP™ technology	4 CCD camera system, RSP™ (Rotation, Scale, Position) algorithm, automatic positioning, ±100 micron image to image registration
Substrate loading sizes	Min - L297 x W420 mm / 11.7 x 16.5 in Max - L545 x W788 mm / 21.5 x 31 in
Printing image size	Max - L748 x W504 mm / 29.4 x 19.8 in
Foil station dimensions (L x H x W)	1660 x 1448 x 1979 mm / 65.3 x 57 x 77.9 in
Press with station dimensions (L x H x W)	7880 x 1790 x 1979 mm / 310.2 x 70.4 x 77.9 in
Station weight (net)	900 kg / 1,984 lbs.
Press weight (net)	4,400 kg / 9,700 lbs.

Based on Scodix Recommended Foil List (RFL) for foil

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