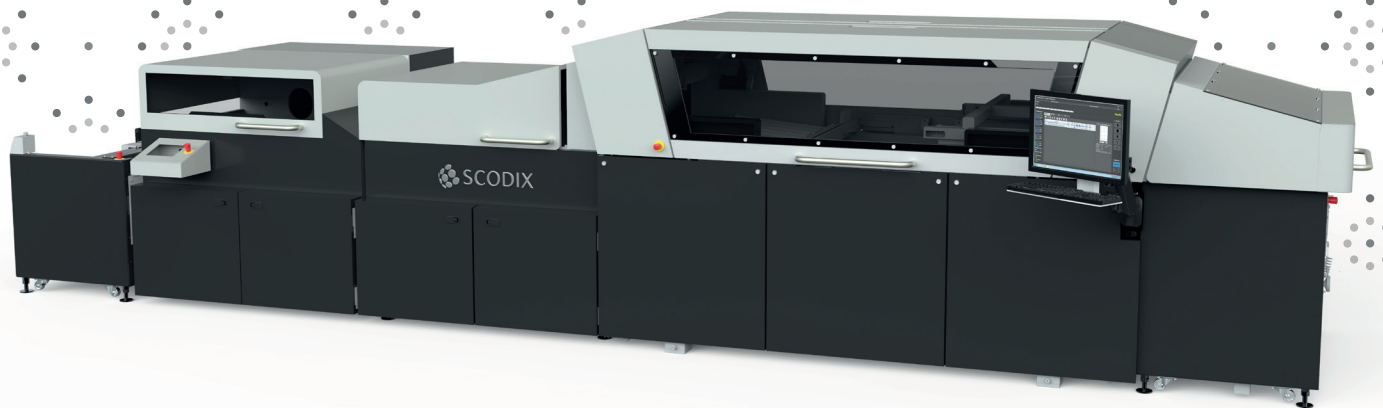# SCODIX ULTRA 101

Affordable Digital Enhancement Press

The Scodix 101 digital enhancement press delivers a set of Scodix Applications at an affordable price.

The Scodix Ultra family of presses includes:

Scodix Ultra 101
Scodix Ultra 202

SCODIX

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

THE AFFORDABLE PLATFORM

The Scodix Ultra 101 press is designed for offset and HP Indigo presses. This press produces unmatched quality – on time and budget – all on one press platform.

The Scodix Ultra 101 press supports up to 6 Scodix Applications including variable data enhancements adding digital value to prints.

Scodix Ultra 101 applications include:

- Scodix Sense™
- Scodix Foil™
- Scodix VDE/VDP™ *
- Scodix Metallic™
- Scodix Cast&Cure™ *
- Scodix Glitter™

The Scodix Ultra family of presses is equipped with Scodix RSP™ (Rotate/Scale/Position) Registration Technology.

Scodix RSP Registration Technology prints perfect registration on every sheet. The technology is based on a multi CCD camera system and dedicated software algorithms. Rotating, scaling and positioning the Scodix print enhancement image with pinpoint accuracy, allows each sheet to receive the Scodix PolySense™ 500 clear polymer in its precise location.

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 20 up to 90 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, HP Indigo ElectroInk, plastics, laminated and coated/uncoated substrates
Resolution	Up to 2540 x 450 DPI
Variable Data Enhancement (VDE)	PDF, optimized PDF, barcode system (optional)
Scodix RSP™ Technology	4 CCD camera system, RSP™ (Rotate, 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
Polymer tank system	1 polymer tank
Press dimensions (L x H x W)	7880 x 1790 x 1979 mm / 310.2 x 70.4 x 77.9 in
Press weight (net)	5300 kg / 11684 lbs.

*   *Not part of the standard package*

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

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