SCODIX ULTRA 202

Fully Featured Digital Enhancement Press

The Scodix Ultra 202 digital enhancement press fuses new levels of flexibility, quality and productivity generating unprecedented digital value.

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 FULLY FEATURED PLATFORM

The Scodix Ultra 202 press provides you with the largest array of enhancement job capabilities in the print industry today. This press produces unmatched quality – on time and budget – all on one press platform.

The Scodix Ultra 202 press supports all Scodix Applications. Running efficiently on a single platform, replaces the need for separate systems on your production floor.

Scodix Ultra 202 applications include:

- Scodix Sense™
- Scodix Foil ™
- Scodix VDE/VDP™ *

- Scodix Metallic™
- Scodix Spot™
- Scodix Cast&Cure™ *

- Scodix Glitter™
- Scodix Braille™ *
- Scodix Crystal™ *

The Scodix Ultra 202 press prints enhancements from various CMYK print processes up to B2+ size sheet format (545 x 788 mm / 21.5 x 31 in), with material weights from 135 to 675 gsm / 6 to 30 points and material thickness up to 0.7 mm / 700 microns. This press supports most CMYK print processes including: Offset, HP Indigo Electroink, Inkjet and Toners.

The Scodix Ultra 202 press gives you the freedom to print enhancements on paper, lamination, variety of water-based coatings, PVC and carton. Today, there are over 100 qualified substrates 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, 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	4 polymer tanks
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