SCODIX
Ultra **2500** SHD

Fully Packed with all Scodix Premium Technologies and 16 Scodix Embellishment Applications in B2 Format

Designed for:

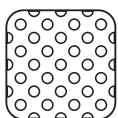| Commercial and Specialty Printing	Packaging	Web to print	Publishing

Digital Embellishment

The Scodix Ultra 2500 SHD Digital Enhancement press brings new levels of flexibility, quality, and productivity, generating unprecedented digital value for commercial PSPs, publishers, trade finishers, and other specialty printing providers.

Fully Featured Platform of Scodix Technologies

The Scodix Ultra 2500 SHD Digital Enhancement Press is fully integrated with all of Scodix's latest technologies, including Scodix MLE for supporting embellishments on uncoated media, Scodix Sculpture, and Scodix SHD for the sharpest and finest details
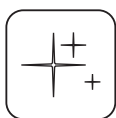
16 Embellishment Applications

Scodix Sense™	Scodix Foil™	Scodix Spot	Scodix Braille	Scodix VDE	Scodix Sculpture *NEW*	Scodix Security *NEW*	Scodix Matte *NEW*
Scodix Glitter	Scodix Cast&Cure	Scodix Crystal	Scodix Microembossing	Scodix SHD	Scodix Reflective *NEW*	Scodix Transparent *NEW*	Scodix Uncoated *NEW*

Sustainable Embellishments

Scodix is committed to a greener and more sustainable future for the printing industry. Scodix embellishments are certified recyclable and repulpable. The Scodix process reduces make-ready, waste, energy, and the need for toxic chemicals. In a recent life cycle assessment, Scodix results proved to be 85% more sustainable than traditional technologies. The Scodix 2500 SHD, offers embellishment on uncoated media and includes a new foil indexing system for added material savings.

Technical Specifications

Feature	Description
Scodix **SHD**	Precision quality and fine lines
Scodix **MLE**	Supports up to 7 layers of Scodix polymer build for Scodix Sculpture
Scodix **PAS**	Secure polymer curing in 3 stages
Scodix **VDE**	Variable Data Embellishment
Scodix **RSP**	Automated perfect registration
Scodix **ART**	Supports anti static, transparent and reflective media
Resolution	Up to 2,540 × 450 DPI
Scodix RSP™ Technology	4-CCD camera system, RSP™ (Rotate, Scale, Position) algorithm, automatic positioning, ±100-micron image to image registration
Automatic Registration Calibration	New wide format and fully automatic- No operator intervention
Throughput (Max in HD8)	1440 SPH
Substrate Format (Min:Max WxL)	297 × 420 mm:545 × 788 mm/11.7 × 16.5 in: 21.5 × 31in
Printing Area (Min:Max WxL)	504 × 748 mm/19.8 × 29.4 in
Polymer	Variety of Scodix Polymers according to applications choice
Polymer Layer Thickness	From 5 up to 400 microns (MLE 7 layers)
Polymer Switch	Automatic
Variable Data Enhancement (VDE)	PDF, optimized PDF, barcode system (optional), tiff
Foil Roll Width (Min-Max)	50-550 mm/1.97-21.65 in
Foil Roll Size (Max)	Diameter: 30 cm/11.8 in; Length: 2,000 m / 2187 yd, Core: 77 mm/3 in
Number of Simultaneous Rolls	Up to 4-rolls
Substrates*	Offset, Coated/Uncoated, PVC, Laminated, Transparent, Metallic
Substrate Range	135-675 gsm/6-30 points, up to 2 mm
Compatibility	Offset, HP Indigo ElectroInk, Inkjet, Lamination, Toner, Xerox, Ricoh, Canon
Feeder/Stacker	Industrial**
Scodix Software***	Scodix Studio Station

*See Scodix Recommended Substrate List (RML) for foil where surface tension is within 36-44 dyne/cm
**Scodix Ultra 2500 Pro includes a Pallet Feeder Stacker. Supports Substrate Format (Min:Max WxL) up to 600 X 800 mm/23.6 × 31.5 in
***Scodix Ultra 2500 basic configuration includes:- Industrial F&S, Scodix MLE and Scodix Studio Station.
Note: *Optional configuration for W2P support*