SCODIX
Ultra **6500** SHD

Optimal Performance and Efficiency for Embellishment of 16 Scodix applications on any B1/41" format paper

Designed for:

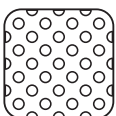| Packaging	Publishing	Commercial Printing

Digital Embellishment

The Scodix Ultra 6500 SHD Digital Enhancement is the ultimate solution for CMYK printers working on B1/41" size sheets who want to extend their workflow with a versatile digital solution for embellishments.

Fully Featured Platform

The Scodix Ultra 6500 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.
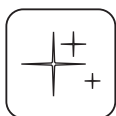
16 Embellishment Applications

Scodix Sense™	Scodix Foil™	Scodix Spot	Scodix Braille	Scodix VDE	Scodix Sculpture NEW	Scodix Security NEW	Scodix Matte NEW

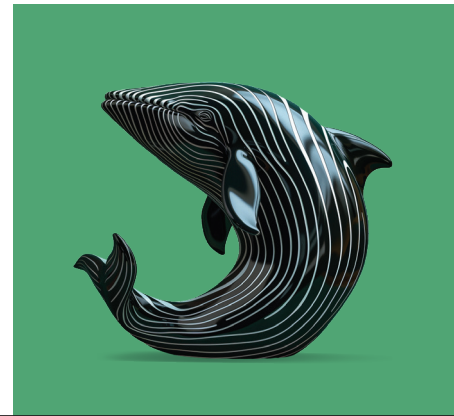| Scodix Glitter	Scodix Cast&Cure	Scodix Crystal	Scodix Microembossing	Scodix SHD	Scodix Reflective NEW	Scodix Transparent NEW	Scodix Uncoated NEW

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 6500 SHD, offer 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-stage process
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)	1310 SPH
Substrate Format (Min:Max WxL)	297 × 420 mm: 760 × 1,060 mm/11.7 × 16.5 in: 30 × 41.7 in
Printing Area (Min:Max WxL)	700 × 1,000 mm/27.5 × 39.3 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)	50-720 mm/1.97-28.34 in
Foil Roll Size (Max)	Diameter: 30 cm/11.8 in; Length: 2,000 m / 2187 yd, Core: 77 mm/3 inch
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	Pallet/Pallet
Scodix Software	Scodix Studio Station

*See Scodix Recommended Substrate List (RML) for foil where surface tension is within 36-44 dyne/cm
Note: Scodix Ultra 6500 basic configuration excludes: Scodix SHD, Scodix Cast&Cure, Scodix ART, Scodix VDE Barcode
Optional configuration for W2P support

SCODIX

The Future of Embellishment. **Proven.**