



# Ultra 6500 Series



The Scodix Ultra 6500 SHD is a state-of-the-art digital embellishment press for CMYK printers handling B1 (41") sheets. It expands workflows with versatile embellishment solutions and is available in two premium configurations: Scodix Ultra 6500 and Scodix Ultra 6500 SHD.

## Key Benefits

### Unmatched Media Versatility

A fully integrated platform capable of processing a wide range of substrates, including offset, coated / uncoated paper, with / without CMYK, plastics, laminated, leather, corrugated, transparent and reflective materials.

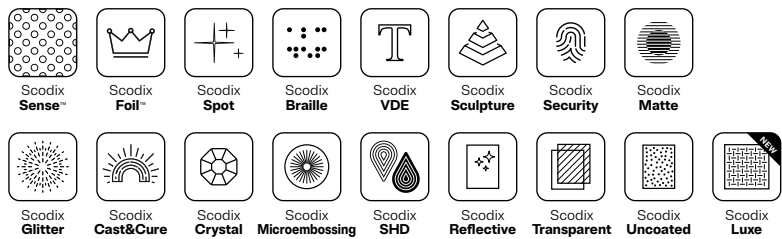
### Premium Technologies

- **SHD (Smart High Definition):** Fine details as small as 4-point text.
- **MLE (Multi-Layer Embellishment):** Up to 7 polymer layers for impactful 3D textures.
- **Additional Applications:** Cast&Cure, security, matte, foil-on-foil, and crystal effects.

## Features & Specifications

- **Revolutionizing Uncoated Substrate Embellishment:** Scodix leverages eco-friendly MLE (Multi-Layer Embellishment) technology to effortlessly craft unique designs on uncoated media, unlocking limitless creative possibilities.
- **Scodix SHD:** Sharp lines and fine details for high-definition precision & quality.
- **Scodix Sculpture:** Unique 3D textures using multi-layer technology.
- **Variable Data Embellishment (VDE):** Personalized embellishments for targeted marketing.
- **Scodix RSP™ Technology:** 4-CCD RSP™ camera system for perfect alignment with minimal operator input.
- **High Productivity:** Up to 1,310 sheets per hour (SPH) for efficient, high-quality production.
- **17 Embellishment Applications:** Includes foil, embossing, glitter, metallic effects, security and more.

## 17 Embellishment Applications



# Ultra 6500 Series Technical Specifications

Feature	Description	
	Scodix Ultra 6500	Scodix Ultra 6500 SHD
PN	SCO-3600-01	SCO-3650-01
Media Format Max	1,060×760 mm/41.7×30 in	1,060×760 mm/41.7×30 in
Media Format Min	420×297 mm/16.5×11.7 in	420×297 mm/16.5×11.7 in
Feeder/Stacker	Pallet for Feeder & Stacker	Pallet for Feeder & Stacker
Technology	UV "Fixed Array" inkjet print-heads, Scodix MLE™ (Multi-Layer Enhancement), Scodix RSP™ (Rotate, Scale, Positioning) technology, Scodix Foil™, PAS™ (Pin, Activate, Secure)	
Scodix RSP™ Technology	4-CCD camera system, RSP™ (Rotate, Scale, Position) algorithm, automatic positioning, ±100-micron image to image registration. No operator intervention	
Media Handling	Scodix Twin-Tray™ technology (TT)	
Scodix RIP SW	Scodix Studio Station	
Print Resolution	Up to 2,540×450 DPI	
Image Format	1,000×700 mm/39.3×27.5 in	
Productivity	Up to 1,310 SPH in B1 format	
Feeder (135 gsm)	Pallet, up to 4,000 Sheets	
Stacker (135 gsm)	Pallet, up to 2,300	
Foil roll width	Min - Max: 50-720 mm/1.97-28.34 in	
Foil roll Size (Max)	Diameter 300 mm (11.8 in), Length 2,000 m (2,187 yd), Core 77 mm (3 in)	
Number of Simultaneous Foil Rolls	Up to 6-rolls	
Substrates *	Coated / uncoated paper, with / without CMYK, PVC, laminated, leather, corrugated, transparent and reflective	
Paper weights	135 - 675 gsm / 6 - 30 points	
Paper Thickness	up to 2 mm / 2,000 micron	
Polymer Switch	Automatic polymer switch system	
Compatibility	Digital and offset	

\*See Scodix Recommended Substrate List (RML).

## Sustainable Embellishments

At Scodix, we are committed to driving a greener future for the printing industry. Our certified recyclable embellishments ensure eco-friendly practices, reducing make-ready times, waste, and energy consumption. Scodix technology eliminates toxic chemicals, making it 85% more sustainable than traditional methods, a new benchmark for environmental responsibility.

## About Scodix

Scodix Ltd. is the world leader in digital embellishments, with over 400 customers worldwide. Since its founding in 2007, Scodix has transformed the digital enhancement industry. The Scodix Ultra series offers a range of embellishment applications, including foil, varnish, and 3D embossing, all from a single platform. Scodix is committed to sustainability and innovation, offering certified recyclable and minimal environmental impact solutions.

