



Ultra 7000 SHD



Signage &
Display



Packaging



Commercial
Printing



Web to Print

The Scodix Ultra 7000 SHD is a high-performance digital embellishment press that enables printers to expand into new markets with premium, value-added applications. Advanced embellishment across B1 (41") rigid and corrugated packaging formats, as well as paper substrates, creates visually striking, tactile print products.

Key Benefits

Unmatched Media Versatility

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

Premium Technologies

- **DTB (Direct To Board Embellishment):** Digital embellishment applied directly on Rigid and Corrugated substrates
- **SHD (Smart High Definition):** Fine details as small as 4-point text.
- **MLE (Multi-Layer Embellishment):** Up to 7 polymer layers in a single run for impactful 3D textures.

Features & Specifications

- **Scodix SHD:** Sharp lines and fine details for high-definition precision & quality.
- **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 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 automated perfect alignment.
- **High Productivity:** Up to 780 sheets per hour (SPH) for rigid and corrugated applications and up to 1,310 for paper.
- **17 Embellishment Applications:** Includes foil, embossing, glitter, metallic effects, security and more.

17 Embellishment Applications



Scodix
Sense



Scodix
Foil



Scodix
Spot



Scodix
Braille



Scodix
VDE



Scodix
Sculpture



Scodix
Security



Scodix
Matte



Scodix
Glitter



Scodix
Cast&Cure



Scodix
Crystal



Scodix
Microembossing



Scodix
SHD



Scodix
Reflective



Scodix
Transparent



Scodix
Uncoated



Scodix
Luxe

Ultra 7000 SHD Technical Specifications

Feature	Description
	Scodix Ultra 7000 SHD
PN	SCO-3700-01
Media Format Max	1,060×760 mm/41.7×30 in
Media Format Min	Paper: 420×297 mm/16.5×11.7 in Rigid / corrugated: 600×297 mm/23.7×11.7 in
Feeder/Stacker	Pallet for Feeder & Stacker
Technology	UV "Fixed Array" inkjet print-heads, Scodix DTB (Direct To Board Embellishment), 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	Paper: up to 1310 SPH B1 format Corrugated category: up to 780 SPH (545 m²/h) B1 format Rigid category: up to 780 SPH (545 m²/h) B1 format
Feeder	For rigid / corrugated: up to 800mm For paper (135 gsm): pallet, up to 4,000 Sheets
Stacker	For rigid / corrugated: up to 575 mm For paper (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*	Corrugated cardboard: up to 4.5 mm thickness Rigid: Dibond, acrylic, Forex, display board up to 4 mm thickness Paper: Coated/Uncoated Paper, with/Without CMYK, PVC, laminated, leather, Transparent and Reflective
Media weights	Rigid / corrugated: up to 3.8 kg per B1 board Paper: 135 - 675 gsm / 6 - 30 points Total load on feeder up to 1000 kg
Media Thickness	Up to 4.5 mm / 4,500 microns
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.



Corporate office:

FBD One Tower, 1st Floor, Faridabad By Pass Road, Delhi Badarpur Border, Faridabad, Haryana – 121003, India

☎ +91 98672 19344 | ✉ Email: sales@insightwithin.com | 📞 support@insightwithin.com



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