

Scodix Digital Enhancement Press- Product Specification

	Scodix Ultra 1000	Scodix Ultra 2000	Scodix Ultra 3000	Scodix Ultra 4000	Scodix Ultra 5000	Scodix Ultra 6000	Scodix E106
Segments	Commercial & Specialty		Web 2 Print		Packaging		
Description	Best in Class	9 Applications	Web 2 Print	Web 2 Pack	B2 Packaging	Ultimate B1	Industrial B1 Folding Carton
Technology	UV "Fixed Array" inkjet print-heads, Scodix RSP™ (Rotate, Scale, Positioning) technology, Scodix Foil™, PAS™ (Pin, Activate, Secure) technology						
Media Handling	Scodix Twin-Tray™ technology (TT)						Continuous Conveyor Belt
Print Resolution	Up to 2,540 x 450 DPI						Up to 2,450 x 600 DPI
Data Format	PDF, Optimized PDF						
Paper Format	Max:788x545 mm/31x21.5 in Min:420x297 mm/16.5x11.7 in		Max:800x600 mm/31.5x23.6 in Min:420x297 mm/16.5x11.7 in		Max:1060x760 mm/41.7x30 in Min:420x297 mm/16.5x11.7 in	Max:1060x760 mm/41.7x30 in Min:700x500 mm/28x20 in	
Image Format	748 x 504 mm / 29.5x 19.8 in				1000 x 700 mm / 39.3 x 27.5 in		
Productivity	Up to 1,250 SPH				Up to 1,000 SPH		Up to 4,000 SPH
Feeder	Industrial, up to 2,000	Industrial, up to 2,000	Industrial, up to 2,000	Pallet, up to 4,000	Pallet, up to 4,000	Pallet, up to 4,000	Pallet, up to 7,000
Stacker (135gsm)	Shelf, up to 300	Industrial, up to 1,500	Shelf, up to 300	Pallet, up to 2,300	Pallet, up to 2,300	Pallet, up to 2,300	Pallet, up to 6,000
Scodix Studio SW	No	No	Scodix Studio W2P	Scodix Studio W2P	No	No	No
Paper weights	135 - 675 gsm / 6 - 30 points						200 – 700 gsm / 8 - 32points
Paper Thickness	up to 0.7 mm / 700 micron			up to 2 mm / 2,000 micron			
Polymer System	1 Bottle	5 Polymer Tanks	1 Bottle	1 Bottle	1 Bottle	1 Bottle	1 Polymer Tank
Polymers	Single from range	All (not PS650)	Single from range	All (not PS650)	All (not PS650)	All (not PS650)	Single – PS650
Polymer Switch	No	Automatic Hands Free	No	Automatic	Automatic	Automatic	No
Compatibility	Offset, HP Indigo Electroink, Lamination, Toner						Offset, HP Indigo, Lamination
App. Included *	S,F,M,G,SP	S,F,M,G,SP	S,F,M,G,SP,VDE	S,F,M,G,SP,VDE	S,F,M,G,SP	S,F,M,G,SP	S,F,M,G
App. Optional *	VDE,C&C	VDE,C&C,BR,CR	C&C, BR, CR	C&C,BR,CR	VDE,BR,C&C,CR	VDE,C&C, BR, CR	No Options

* S=Sense, F=Foil, M=Metallic, G=Glitter, SP=SPOT, CR=Crystal, BR=Braille, VDE=Barcode, C&C=Cast&Cure

Scodix Polymer Cost Per Sheet

		Coverage: 3%			Coverage: 5%		
Print Mode		B1	B2	A3	B1	B2	A3
PS-500	Foil 40	\$0.084	\$0.042	\$0.018	\$0.132	\$0.066	\$0.026
Spot 80	Spot 5	\$0.014	\$0.007	\$0.005	\$0.018	\$0.009	\$0.006

Based on Scodix Ex Works IL price- PS500: 95\$/Kg.; Spot 80: 75\$/Kg.

- **1,430** B2 sheets can be printed with 1kg. of **PS500** in print mode **Sense 40** and **5%** coverage (0.7 gram per sheet).
- **10,870** B2 sheets can be printed with 1kg of **Spot80** in print mode **Spot-5** and **3%** coverage. (0.09gr per sheet)

Scodix Polymers & Applications

Polymer	Substrate Types	Scodix Applications
PS650	Offset, Digital, Lamination	Scodix Sense™, Scodix Foil™
PS550	Offset, Digital, Lamination	Scodix Sense™, Scodix Foil™ Food Packaging Compatible
PS520	Offset, Digital, Lamination	Scodix Foil™ - Flat
PS500	Offset, Digital, Lamination	Scodix Sense™, Scodix Foil™
PS350	Toner base, Xerox, Lamination	Scodix Foil™
PS300	Toner base, Xerox, Lamination	Scodix Sense™
PS100	Offset, Digital, Lamination	Scodix Sense™
Spot 80	Offset, Lamination	Scodix Spot™ - 5-25μ

Scodix Ultra Print Modes

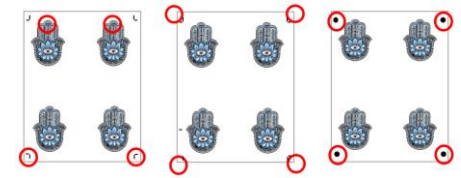
Application	Polymer	Print Mode	Throughput SPH	Layer Thick. (μm)
Sense	PS100	Sense 50	1,250	50
		Sense 70	980	70
		Sense 100	720	100
Spot	Spot80	Braille	400	250
		Spot 5	1,250	<5
		Spot 8	1,250	8
		Spot 15	1,250	15
Flat Foil	PS520	Spot 25	980	25
		Foil 10	1,150	10
		Foil 15	1,150	15
		Foil 20	1,000	20
Foil/Sense	PS500, PS550	Foil 25	900	25
		Foil 18	900	20
		Foil 30	900	25
		Foil 40	1,250	40
		Foil 50	1,250	50
		Foil 60	900	60
		Foil 80	700	80
Sense (Toner)	PS300	Sense 70T	900	70
Foil (Toner)	PS350	Foil 60T	900	60
		Foil 80T	700	95

Scodix Ultra 1000's Series - Options

Scodix VDE™ : Barcode Reader	Scodix Braille™
Scodix Cast&Cure™	Scodix Crystal™
Scodix Thin Paper Package: 90-135 gsm (for rigid box and more),	Scodix Studio Packages (Station, W2P, Customized W2P)

Scodix Technology Advantages

- Scodix RSP™ (Rotate, Scale, Position), perfect registration from the 1st page
- Scodix ARP™ (Automatic Registration Process) – 3 registration methods – OPA dots, CMYK elements, corners
- Scodix PAS™ - (Print, Activate, Secure) a patented Scodix process for applying foil
- Scodix Studio Station – External RIP. accelerated job processing, continuous printing as processing occurs in parallel to press operations
- Scodix Studio W2P - Software and hardware package for web-to-print customers
- Scodix Studio W2P Customized - Software and hardware package for web-to-print customers, wanting unique automation integration
- Scodix VDP / VDE™ - Variable Data Enhancement using Barcode – Digital, inhouse solution
- Scodix High Impact - 250 micron
- A clean, green process – Recyclable, no VOC, no plates, no molds, no solvents, minimum make-ready ...
- Unique heatless foil process which does not damage plastic media, sensitive substrates, inks
- Applicable with a variety of WW foil manufacturers
- Scodix 99 GU (Gloss Units)
- Scodix Variable Density - 1-100%
- Best-in-class performance



Scodix Advantages vs. Competition

- Scodix Ultra 1000's series - Segmented product portfolio
- Reliable and credible industrial production presses
- Multiple polymer platform providing solutions for wide range of substrates and applications
- Registration - 4 CCD cameras, Scodix RSP™, Scodix ARP™ with 3 registrati
- Substrate Handling - Scodix Twin-Tray™ Technology, linear encoder
- Over 400 Presses installed WW
- Scodix 100% focused on digital enhancement
- Polymer thickness - up to 250 microns in 1-pass
- Market leaders selected Scodix

Feature	Scodix Studio Job Estimator	Scodix Studio Station	Scodix Studio W2P	Scodix Studio W2P Customized
Job Cost Estimation	✓			
Multi PDF Support	✓	✓	✓	✓
External RIP		✓	✓	✓
Support Scodix VDE™		✓	✓	✓
Support Scodix Barcode		✓	✓	✓
Scodix ARP™ – Corners		✓	✓	✓
Scodix ARP™ – CMYK objects		✓	✓	✓
Automatic Workflow			✓	✓
Communication via API				✓
Multi Press Support				✓

