




Offset Printing



Max Sheet

Max Image



 945ST UV	5 Printing Units + Anilox Coater LED UV up to 24pt paper or synthetics	8 up UV Offset	25" x 38" Caliper Range: 0.004" - 0.024"	24.3" x 37"
 754XL UV	4 Printing Units + Coater LED UV up to 24pt paper or synthetics	6 up UV Offset	23.5" x 31" Caliper Range: 0.004" - 0.024"	23" x 29.5"
 3304HA	4 Printing Units	2 up Conventional Offset	13" x 18" Caliper Range: 0.004" - 0.015"	13" x 17.2"

Digital Printing



Max Sheet

Max Image

 Indigo digital 15K	7 Color Digital Offset Printing Digital offset on paper, SBS, synthetic & foil board		21"x29.5" Caliper Range: 0.004" - 0.024"	20.1"x29.1"
 Indigo digital 15K HD	7 Color HD Digital Offset Printing Digital HD offset on paper, SBS, synthetic & foil board 300 line screen Stochastic continuous tone reproduction Dual X-Align for perfect sheet-to-sheet registration			

*Presses are optimized for: Fine Paper, SBS Board, Metalized Foilboard, Clear PETG, PVC, HDPE, Styrene & most substrates up to 24pt

Embellishment, Enhancement & Special effects

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 SCODIX 2000 SHD	New Scodix Smart HD Spot UV, Foil, Glitter, Texture		22" x 31" Caliper Range: 0.006" - 0.032"	19.8"x29.4"
 SCODIX Ultra 202	Flat /Raised Spot UV, Foil, Glitter, Cast & Cure, Texture, Braille		(3 Digital/Variable Presses)	
 SCODIX Ultra 102	Flat /Raised Spot UV, Texture & Braille			
Offline UV & AQ Coating	Flood UV Gloss, Matte, Soft touch Aqueous Gloss, Matte, Soft touch & Digital primer		2" x 2" Caliper Range: 0.006" - 0.032"	28" x 40"
Effects - Coating	Textured, Soft-Touch, Glitter, Grit/Sand, Scratch off, Reticulation, Strike Through, Fluorescent Scented, Glow-In-The-Dark, Thermochromic, Photochromic, Pearlescent, Dry Erase, Raised			
Effects - Foil	Hot/Platen Foil Stamping, Multi-level foil embossing, Micro-Embossing etched foil, Digital/Variable Foil, Texture under foil, Texture over foil, multiple pass registered foil			
Effects - Printing	GRACoL, G7, Expanded Gamut, Hexachrome & Stochastic FM screening, native RGB workflow UV Offset & HP Indigo HD Digital Offset and Large Format Digital UV printing White, Fluorescent, Metallic, Pantone, Coatings & Varnishes for offset and digital presses			

Lamination, Mounting & Foil Board manufacturing

		<i>Min Sheet</i>	<i>Max Sheet</i>
(2) D&K System 3210	High Speed 1/S & 2/S Film Lamination	12" x 9"	31" x 41"
(1) D&K Double Kote HS NT	Film: Gloss, Matte, Soft touch, Security & Holographic Foil Board: (21) Mirror, Rainbow & Holographic patterns	Caliper Range: 0.006" - 0.032"	
Glue-Tech 2130	Fully automatic rotary sheet to sheet gluing & mounting	12" x 18"	21" x 30"
Rebord Pendix	Fully automatic pick-n-place gluing & mounting	14" x 20"	28" x 40"
Rebord & Pot Devin Gluers	Semi-automatic Case making & sheet mounting multi-layer gluing & mounting for paper & plastic substrates	12" x 18"	28" x 40"
		Build Range: 0.01" - 0.250"	

Foil Stamping, Diecutting, Embossing & Laser Cutting

		<i>Min Sheet</i>	<i>Max Sheet</i>
Heidelberg Varimatrix 105CS	High speed platen diecutter with stripping Diecut, Kiss cut, Emboss, Score, Perf	14" x 20"	30" x 41.5"
		Cutting pressure: 300 tons	
SBL-820SEF Stamper	Automatic foil stamping & Platen Diecutting Foil stamp, Emboss, Diecut, Kiss cut, Score, Perf	12" x 18"	23.6" x 32"
		Stamping pressure: 200 tons	
Kluge EHE Stamper	Automatic foil stamping & Platen Diecutting Foil stamp, Emboss, Diecut, Kiss cut, Score, Perf	4" x 5"	14" x 22"
		Stamping pressure: 75 tons	
Thompson Diecutter, (2 presses)	Steel Rule Diecut, Kiss cut, Emboss, Score, Perf	12" x 18"	30" x 41"
Heidelberg Windmill Diecutter	Steel Rule Diecut, Kiss cut, Emboss, Score, Perf	4" x 5"	12" x 18"
Heidelberg SBG Diecutter	Steel Rule Diecut, Kiss cut, Emboss, Score, Perf	12" x 18"	22" x 30"
(5) Cutworx Eclipse Digital	Digital Diecutting, Cut, Score, Perf up to 150pt	9" x 12"	35" x 45"
(2) Omtech CO2 Laser	150W Laser with automation for cutting & engraving	9" x 12"	35" x 55"

Custom Finishing & Converting

		<i>Min</i>	<i>Max</i>
(5) Polar & Saber Cutters	Automated, high speed, CIP4 cutting systems	1" x 1"	55" x 55"
Muller Martini stitcher	8 pocket + cover feeder saddle stitcher, (3/8" max thickness)	3.5" x 5.5"	13.7" x 9.5"
Standard Horizon BQ470	PUR & EVA Perfect Binding, (Spine: 0.02" min - 2.5" max)	6" x 6"	12.5"x12.5"
(2) T&B Pick & Place	24 stations, high speed variable, programmable collation Thick, thin, embellished & irregular shaped product	2.5" x 3.5"	14" x 20"
		Caliper Range: 0.005" - 0.25"	
(3) Kluge straight line gluers	Folding cartons, Inserts, Sleeves, Custom packaging, Folders, Mailers & Marketing collateral Cartons: Straight line, Auto-bottom, Lock bottom & Tuck boxes, (no 4/6 corner) Inline: Inside/outside variable inkjet, tipping, taping, affixing, hot, cold & fugitive glue		

Large Format, POP & Display

		<i>Max Sheet</i>	<i>Max Image</i>
Mimaki JFX500 UV Flatbed	C-M-Y-K+W+W - 7'x10' Large format UV flatbed UV	83" x 120"	83" x 120"
Mimaki UJVC300 UV Roll	C-M-Y-K+W+CL - Large format print/cut UV roll-to-roll	64" x 120"	64" x 120"
Apex 2513 - 3 Tool Flatbed	Cutter, Router, EOT, Knife, V-cut, Kiss cut, Perf, Score	52" x 100"	52" x 100"

Converting, Custom Finishing & Complex Prototypes

ENGINEERING	Structural & Folded carton design, Prototypes, Pilot programs, Offset & Digital printing, Extensive finishing
VARIABLE	Complex variable print, Variable foil, Variable diecutting, Variable spot UV, Inline & Final touch serialization
PREPARATION	Extensive color correction, Image editing, Page production, Workflow automation, Digital asset management

Wrapping, Packing, Kitting & Fulfillment

- (3) Automatic Pallet wrappers (2) Automatic carton strappers (2) Ultra-sonic product banders
- (2) Shanklin Omni high speed shrink wrap lines with automated conveyors, feeders & droppers
- (3) Shanklin A27-A high speed shrink wrap lines with automated in-feeds
- (4) Automated Finn-Seal/Flow Wrap, lines with up to 24 intelligent feeders, droppers & audited packing

Folding Carton Production

Straight line, Auto-bottom, Lock bottom, Hanger, Reinforced panel, Tuck boxes, In/out variable inkjet, tipping, taping, (no 4/6 corner)

Trading Card Production

MANAGEMENT	Full cycle strategy, planning, documentation & execution in all phases of Retail, Hobby & Specialty collectibles
WHITE LABEL	"Behind the scenes" accountability & end-to-end production starting with client art to national distribution
PRE-MEDIA	Page composition, version control, digital asset management, production planning & workflow automation
PRODUCTION	100% In-house trading card & collectibles manufacturing: R&D, planning, testing, packaging & distribution
PREPARATION	Comprehensive image preparation, editing, retouching, color correction & proofing. (no creative)
FULFILLMENT	Complex & variable collation, over wrapping, assembly, kitting, packing, fulfillment & nationwide distribution
PROTOTYPES	R&D, testing & accurate proofing for all phases of production, embellishment, packaging & customizations
SECURITY	Extensive security focus, low number collectibles, Secure production of Memorabilia, Relics, Inserts & Autos

Additional Services

BINDERY & FINISHING	Cut, Fold, Stitch, Perfect bind, Padding, Tape applicaton, Tipping, Affixing & Converting
BOOKLET PRODUCTION	Saddle Stitch, Perfect Bind (PUR & EVA), Hot melt padding, Plastic coil, Wire-o & Side stitch
MARKETING COLLATERAL	Complex variable printing, Variable finishing, Kitting & Distribution
OTHER SERVICES	Intelligent collation, Affixing, Mounting, Security printing & Foil board manufacturing