CAPABILITIES SUMMARY *v10122*

pro print

Offset Printing

	G7 AI MASTER CALIBRATION	Sheet Size	Image
KOMORI LSX529C	5 Color Offset + Anilox Coater Conventional Printing up to 24pt paper	24" x 29.5"	23" x 29.5" Caliper: 0.004" - 0.024"
RMGT 756XL UV	6 Color UV Offset + Anilox Coater LED & Conventional UV up to 24pt paper or synthetic	24" x 31"	23" x 30" Caliper: 0.004" - 0.024"
RMGT 754XL UV	4 Color UV Offset + Coater LED UV up to 24pt paper or synthetics	24" x 31"	23" x 30" Caliper: 0.004" - 0.024"

Digital Printing

	G7 AI MASTER CALIBRATION	Sheet Size	Image
hp Indigo digital 15K	7 Color Digital Offset Printing Digital offset on paper, SBS, synthetic & foil board X-Align for perfect sheet-to-sheet & front-to-back register	20.8"x29.5"	20.1"x29.1" Caliper: 0.004" - 0.024"
hp 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 X-Align for perfect sheet-to-sheet & front-to-back register	20.8"x29.5"	20.1"x29.1" Caliper: 0.004" - 0.024"

*Offset <u>AND</u> Digital presses are equiped for: Paper, Paper Board, Metalized Foil, Metalized PET, Clear PETG, PVC, HDPE, Styrene & other synthetics up to 24pt

Embellishment, Enhancement & Special effects

		Sheet Size	Image
SCODIX Ultra 202	Spot & Raised UV, Flat & Raised Foil, Braille, Cast & Cure	22" x 31"	19.8"x29.4" Equiped for variable UV & Foil Caliper: 0.006" - 0.032"
SCODIX Ultra 102	Spot, Raised & Textured UV, Braille		
GENERAL UV Screen Press	Spot, Raised & Textured UV, Glitter & Scratch off Wide array of Flat, Raised, Textured & Specialty coatings	22" x 31"	20" x 29.5" Caliper: 0.006" - 0.032"
UV & AQ Coating	Flood UV Gloss, Matte, Soft touch Aqueous Gloss, Matte, Soft touch & Digital primer	2.5" x 2.5"	28" x 40" Caliper: 0.006" - 0.032"
Effects - Coating	Reticulation, Strike Through, Fluorescent, Textured, Soft-Touch, Glitter, Grit/Sand, Scratch off 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	Expanded Gamut, Hexachrome & Stochastic screening in native RGB workflow Conventional & UV Offset, HP Indigo HD Digital, Silk Screen, Large Format Digital White, Fluorescent, Metallic & Pantone Inks for offset and digital		

pro print

Lamination, Mounting & Foil Board manufacturing

		Sheet Size	Image

(2) D&K System 3210	High Speed Film Lamination with laser cutter
	   Film: Gloss, Matte, Soft touch & Holographic
	   Foil Board: Lite Brite, Mirror, Rainbow & Holographic
		12" x 18"	31" x 41"

D&K Double Kote HS NT	High Speed Double sided Film Lamination Gloss, Matte, Soft touch, Holographic, Mirror & Foil	12" x 18"	31" x 41"
Glue-Tech 2130	Fully automatic sheet to sheet gluer/mounter Mounting up to 130pt: paper, plastic, cavity & encapsulation	12" x 18"	21" x 30"
(2) Pot Devin Glue lines	Sheet to sheet multi-layer mounting up to 160pt	12" x 18"	28" x 40"

Foil Stamping, Embossing & Diecutting

		Min	Max
SBL-820SEF	Automatic high-speed foil stamping & Platen Diecutting Foil stamp, Emboss, Diecut, Kiss cut, Score, Perf	12" x 18"	23.6" x 32" Stamping pressure: 200 tons
Brausse BF-750SE	Automatic foil stamping & Platen Diecutting Foil stamp, Emboss, Diecut, Kiss cut, Score, Perf	22" x 29.5"	20" x 28" Stamping pressure: 110 tons
Kluge EHE	Automatic foil stamping & Platen Diecutting Foil stamp, Emboss, Diecut, Kiss cut, Score, Perf	4" x 5"	14" x 22" Stamping pressure: 75 tons
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
Heidelberg SBG	Steel Rule Diecutting Diecut, Kiss cut, Emboss, Score, Perf	12" x 18"	22" x 30" Cutting pressure: 100 tons
Heidelberg Windmill GT	Steel Rule Diecutting Diecut, Kiss cut, Emboss, Score, Perf	4" x 4"	13" x 18" Cutting pressure: 60 tons
Apex LST Max	Digital Diecutter to Cut, kiss cut, score, perf up to 24pt	9" x 12"	24" x 31.5"

Custom Finishing & Converting

		Min	Max
(8) Polar & Saber Cutters	Automated, high speed, CIP4 cutting systems	1" x 1"	55" x 55"
Muller Martini stitcher	10 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 lines	24 stations, high speed variable, programmable collation thick, thin, embellished, diecut & irregular shaped product	2.5" x 3.5"	14" x20" Caliper: 0.005" - 0.20"
(2) 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		

CAPABILITIES SUMMARY _v10122_

Pro Print

Large Format, POP & Display

		Sheet Size	Image
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 120"	52" x 120"

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

(4) Shanklin A26-A / A27-A high speed shrink wrap lines with automated in-feeds

(6) Automated Finn-Seal/Flow Wrap, lines with inteligent 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. (production only, 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