

Prepress Software and Equipment

Workstations

- Twelve Macintosh workstations.
- Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Quark XPress, Freehand, Adobe Acrobat Professional with Pitstop, and Kodak Prinergy Workshop software installed on one or more workstations.

Kodak Eversmart Supreme Scanner

Full Suite of Leading Edge Variable, Versioning Software, and RIPs for Processing

- Used to create variable print projects and processing for all digital devices.

FUJI XMF Workflow

- Digital front end for Fuji Inkjet J Press 720.

Kodak Prinergy Workflow System

- Stores and shares current job information in a central, unified and automated production hub.
- Uses advanced PDF-based workflow processing to streamline the entire production process, from the original file to the final printed product.

Kodak Insite Prepress Portal System

- Provides secure online access to prepress workflow, permitting customers to submit projects, track progress, implement changes, proof, and approve jobs.

Kodak Smart Review System

- Facilitates online proofing using advanced technology to allow access to tools for software proofing even on very large files.

Digital Information Pre-Proofers

- Two Epson 9800 proofers.
- Mounted one above the other on a single DI platform and linked by a paper guide unit.
- Automatically produces double-sided, imposed proofs for all press formats.

Oris Digital Proofing System

- Fully calibrated color proofing.
- Managed by Oris software driving an Epson Stylus 7900 Pro Printer.
- Calibrated to G7 standards.

Kodak Trendsetter Spectrum Platesetter & Digital Proofer

Kodak Lotem 800 II Quantum Platesetter

- Produces press-ready plates without intervention.

Gerber Sector Blanket Cutter

- Ensures accuracy in production of blankets for spot, knock-out, and flood coating applications.

Offset Sheetfeed Presses

Large Presses

Two Six-Color MAN Roland 28" x 40" Offset Presses Series 700

- Inline aqueous tower coater and extended delivery.
- Maximum sheet size 28" x 40"; minimum sheet size 14" x 20".
- Rated up to 15,000 sheets per hour.

One Two-Color MAN Roland 28" x 40" Offset Press Series 700

- 1 over 1 perfecting option.
- Maximum sheet size 28" x 40"; minimum sheet size 11" x 17".
- Rated at up to 15,000 sheets per hour.
- Equipped with interdeck dryers, allowing us to print one color on both sides of a press sheet – including coated stocks – in a single pass.

All our MAN Roland Presses were purchased new, and share the same plate size and Ternis punch configuration. Plates are interchangeable among all three presses allowing for better scheduling and lower costs for clients.

All presses listed above:

- Print sheets as heavy as 24 pt. board and as light as 30# offset.
- Offer flood- or spot-aqueous coating utilizing our computer-controlled blanket cutter.
- Offer Vario dampening, reducing contamination from paper dust accumulation.
- Use alcohol-free dampening solutions, limiting emissions.
- Include remote blanket and back cylinder wash-up units.
- Print using environmentally friendly low VOC inks.

Quality Control Equipment

IntelliTrax Auto Scanning System by X-Rite

- Automated press-side color management system.
- Can measure special mix colors, Pantone® colors, and paper color.
- Instantly reports results on-screen allowing faster adjustments to color.

Reverse-Osmosis Water Filtration System

- Removes impurities for alcohol-free fountain solution mix and plate processor.

Small Presses

Two Ryobi 3302 Presses

- Print up to two colors, one side.
- Stock from 40# offset to 120# cover.
- Maximum sheet size 12.5" x 17.75"; minimum sheet size 3.5" x 5".

Chief 15 Single Color Press

- With continuous feed and conveyor delivery.
- Stock from 40# offset to 120# cover.
- Maximum sheet size 10" x 15"; minimum sheet size 3.5" x 5".

Digital Presses

Digital Color

The HP Indigo 5500

- Full variable capabilities.
- Image area up to 12.4" X 17.7" for the HP Indigo 5500 full bleed.
- Substrates from 60# offset to 16 pt. board for HP Indigo 5500.
- Plastic substrates up to 14 pt.
- UV coating available for digital printed sheets.
- Total digital color capacity approximately 120,000 pages per day.

Fuji J Press

- Full variable capabilities.
- The first production sheetfed ink jet printing press in North America.
- Uses the newest ink technology in the printing industry.
- Produces high quality versioned or variable data four color process on stocks from 70# text up to 14 pt. board – 1200 x 1200 DPI.
- Stock sizes from 17.5" x 23" to 20.9" x 29.6".
- Environmentally friendly aqueous-based inks.
- Runs at 2,700 sheets per hour.

Fuji W Press

- The first commercial grade digital web press in North America.
- The W Press uses the Piezo dot structure that allows for precisely controlled ink droplets resulting in sharper, grain-free photo prints with smoother transitions than traditional dot structures.
- Variable data capabilities.
- Roll to sheet is 100 meters per minute.
- Cut off minimum for roll to sheet is 9" and a maximum of 24".
- Minimum paper width is 6.375" and maximum paper width is 20.4".
- Prints black and four color process.
- Environmentally friendly aqueous-based inks.
- Speed not affected by number of colors or sides being printed.
- Substrates from 45# to 100# which includes 7 pt. return reply postcard.

Digital Black and White

Xerox Nuvera 120 state of the art digital black & white presses

- Full variable capabilities.
- Inline booklet making.
- Inline inserting.
- Edge, saddle or corner stitching.
- Total black and white digital capacity: approximately 120 "8.5 x 11" pages per minute per machine.
- 11.5 x 17.5 live area, 12 x 18 sheet size.

Xerox Nuvera 314 state of the art digital black & white presses

- Full variable capabilities.
- Inline booklet making.
- Inline inserting.
- Saddle or corner stitching.
- Total black and white digital capacity: approximately 314 "8.5 x 11" pages per minute per machine.
- 12.25 x 19 live area, 12.6 x 19.3 sheet size.

Coating Equipment

MAN Roland 28" x 40" UV Coater

- Maximum sheet size 28" x 40"; minimum size 11" x 17".
- Rated at up to 10,000 sheets per hour.
- Flood or spot pattern.
- Adds high gloss and durability at a lower cost than film laminate.

FMA RSC - 20" Offline UV Coater

- Single-sided flood UV coating.
- Sheets up to 20" wide by 48" in length.
- Substrates between 100# text and .125" thick can be gloss coated.
- Speeds run up to 2,000 sheets per hour.

One Sided Laminator

- Maximum sheet size 14" x 20".



Bindery Equipment

Cutting

Two 54" and One 32" Polar Auto Trim Computer-Controlled Cutters

- Programmable for multiple cuts and automatic trim removal.

Polar Jogger/Scale with Air Removal System

- Accurately counts and jogs each sheet in lift prior to cutting.

Folding

MBO 26" x 40" 12-Plate Folder

- With gatefolding, continuous feed, sound control hoods, and stacker/counter.

MBO 20" x 26" 4-Plate Folder

- With eight-page unit, sound control hoods, and counter.

Stahl 30" x 45" Folder

- With four plates and two knives, pallet feeding, sound control hoods, stacker, and counter.

Moll Folder – Gluer

- Friction feed and pile feed units as well as both cold and hot melt glue options.
- Will fold and glue pieces up to 36" wide and 18 pt. thick.
- Units are interchangeable within the machine allowing for multiple configurations.
- Taping unit for applying peel and seal tape, seals or other adhesive products.
- Inserting unit that can insert products up to 1" thick.

Collating, Stitching, Trimming and Drilling

Muller Martini Fox 6-Station Saddle Stitcher Trimmer

- With cover scorer/feeder and cross-stacker/counter.

Table Top Folder

- Has the ability to do a C- or half-fold up to 10" x 14" sheets.

Perfect Binder

- Book Size–Maximum 12.6" x 12.6" (320 x 320 mm); minimum 2.9" x 2.9" (75 x 75 mm).
- Binding Thickness–0.04" to 2" (1 to 40 mm).
- Production Speed–Without milling 600 books/hr.; with milling 300 books/hr.
- Cover Size–Maximum 25.6" x 12.6" (650 x 320 mm); minimum 10.2" x 7" (260 x 180 mm).
- Cover Stock Calibre Maximum–12 pt.

Hand-Stitcher

- Maximum thickness is .25".

Multiple-Hole Drill

- Drills 5 holes in one pass.

Die Cutting

Heidelberg 25" x 35" Letterpress

- Rated at 3,000 sheets per hour.

Bobst 28" x 40" Die Cutter

- With inline stripping station.
- Rated at 6,000 sheets per hour.

Large Format Equipment

Oce Arizona Flatbed Large Format Printer:

Maximum Material Width	60"
Maximum Print Length	120"

Standard In-Stock Materials

- Paper, Plastic and Metal
 - Static Cling Vinyl
 - Foam Products
 - Up to 1.97" thickness
 - White Ink on Dark Substrates
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HP Designjet 5500, Z6200

Maximum Material Width	60"
Maximum Print Area	59.5"
Maximum Print Length	Limited only by length of roll

Standard In-Stock Materials

- Photo Gloss, Satin, and Matte Papers
 - 10 mil Clear Polycarbonate/10 mil Vinyl Backer
 - 4 mil White Polyester Film
 - Backlit Media
 - Artist Canvas
 - Watercolor Paper
 - Dual View Film
 - Poly Satin Fabric
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Mimaki JV33-160 Solvent Ink Printer (For long-term outdoor use)

Maximum Material Width	62"
Maximum Print Area	61"
Maximum Print Length	Limited only by length of roll

Standard In-Stock Materials

- Smooth 13 oz. Banner Vinyl, 2-sided
 - Heavy-Duty 13 oz. Banner Vinyl
 - Solvent Textile Banner Fabric
 - OneWay Vision Film
 - Adhesive Vinyl (Clear or White)
 - Mesh Banner
 - Artist Canvas
 - Floor Graphic Vinyl
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Mimaki JV3-250SP Solvent Ink Printer (For long-term outdoor use)

Maximum Material Width	98"
Maximum Print Area	96"
Maximum Print Length	Limited only by length of roll

Zund Cutter/Router

The Zund is a compliment to the digital workflow and in particular the Oce Arizona Flatbed. It cuts, kiss-cuts, die-cuts, scores and perforates substrates up to 2" in thickness. The process uses a moving blade rather than a die and runs at a rate of 4" per second.

Seal Image 6500 Laminator

Maximum Material Width	60"
Maximum Width of Piece to be Laminated.....	57"
Maximum Length.....	Limited only by length of roll

Standard In-Stock Materials

- 3 mil UV Matte
 - 3 mil Satin or Gloss
 - Textured Outdoor Laminate
 - Dry Erase Laminate
 - Floor Guard Laminate
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Mounting Specifications

Maximum Substrate Width	48"
Maximum Length.....	96"

Standard In-Stock Materials

- .1875" Foamcore (Black or White)
- .1875" Ultramount (Black or White)
- .5" Ultramount (Black or White)
- Styrene
- Sintra
- Coroplast
- Dibond
- Artboard
- Plexi
- Cardboard
- 10 pt. to 20 pt. Card Stock

*Other sizes and substrates are available by special order.
Ask your Sales Representative for more information.*



Large Format Equipment...continued

Gerber Edge

Cut Vinyl

Maximum Substrate Width..... 30"
Maximum Print Area..... 29.5"
Maximum Length..... Limited only by length of roll

Foils

Maximum Substrate Width..... 12"
Maximum Print Area..... 11.5"
Maximum Length..... Limited only by length of roll

Standard In-Stock Materials

- Pressure Sensitive Vinyls*
- Foils*
- Auto Magnetics
- Static Cling

**Call for color availability.*





Mailing Equipment

Inkjetter with Dryer

- Prints on both coated and uncoated stock, up to 25,000 pieces per hour.
- Accommodates mail piece thicknesses up to .5" thick.
- Also has the ability to print multiple fonts and sizes in straight lines or on angles.

Tabber

- Applies up to two tabs per pass.
- Can be put in line with inkjetting equipment.

Bander

- Bands mail trays as well as flat pieces in address order to USPS standards.

Postage meter/sealer

- Seals envelopes and applies meter postage (if needed) up to 10" x 14" x 1" thick.

Programs

Bulk Mailer® by Satori Software

- Certified software makes your mailing postal compliant by using CASS, de-dupe and NCOA processes.

Miscellaneous Equipment

High-Speed, Side-Seal Continuous Delivery Shrink Wrapper

- With extended delivery.

L-Bar Shrink Wrapper

Brackett Circular Padder

GBC Punches and Spreaders, and Wire O-Binding

ALBO Pile-Turner

Toledo Digital Scales

- Counts finished pieces by weight; accurate to a single sheet of paper.

Mega Counting and Tabbing System

- For accurate counts on sheets up to 28" x 40".

