

## Digital Presses

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### Digital Color

#### **Fujifilm Jet Press 750S**

- Fujifilm's advanced proprietary technologies are now found in this 3rd Generation device.
- Full variable capabilities, front and back, with bar code matching technology.
- Larger color gamut and more precise registration than traditional offset printing.
- Uses the latest UV ink technology in the printing industry.
- Produces high quality variable data, four-color process from 70# text up to 24 pt. board – 1200 x 1200 DPI.
- Stock sizes from 17.5" x 23" to 23" x 29.5".
- Environmentally friendly aqueous-based inks.
- Runs at 3,600 sheets per hour.
- UV coating offline.

#### **Fujifilm Jet Press 540W**

- Commercial-grade high-speed digital web press.
- Variable data capabilities; roll-to-sheet print speed is 100 meters per minute.
- Cut-off minimum for roll-to-sheet is 9" with a maximum of 24".
- Minimum paper width is 6.375", and maximum paper width is 20.4".
- Prints using environmentally friendly aqueous-based inks.
- Speed not affected by sides being printed or variable content.
- Substrates from 45# to 80#, which includes 7 pt. return reply postcard.
- Output can be in collated form for books, price lists, catalogs, etc.

#### **HP Indigo 5500**

- Full variable capabilities, front and back.
- Image area up to 12.4" x 17.7" for the HP Indigo 5500 with full bleed.
- Substrates from 60# offset to 16 pt. board for HP Indigo 5500.
- Plastic substrates up to 14 pt.
- UV coating available for digitally printed sheets.
- Total digital color capacity approximately 120,000 pages per day (1 page = 4C/1S sheet, 8.5" x 11").

#### **Konica Minolta AccurioPress C14000 digital press**

- Full variable capabilities.
- Standard sheet size 13" x 19".
- Substrates from 35# text / 14# bond to 160# cover / 20 pt.
- Inline, closed-loop quality management system.
- Inline four-sided trimmer and powerful finishing.

### Digital Black and White

#### **(2) Konica Minolta bizhub PRESS 2250P state-of-the-art monochrome digital production presses**

- Minimum sheet size 3.75" x 5.5".
- Maximum sheet size 12.75" x 19.36"; Max image size 12.36" x 19.36".
- Substrates from 30# text / 11# bond to 120# cover.
- Full variable capabilities.
- Inline booklet making and inline inserting.
- Simitri® HD toner with Biomass to protect the environment.
- Saddle stitching and multi-folding.

## Coating Equipment

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#### **FMA RSC – 20" Offline UV Coater**

- Single-sided flood UV coating.
- Sheets up to 20" wide by 48" in length.
- Substrates between 80# cover and .125" thick can be gloss coated.
- Speeds run up to 2,000 sheets per hour.

#### **One-Sided Laminator**

- Maximum sheet size 20.0" x 29.6".

## Offset Sheetfed Presses

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### Large Presses

#### **Six-Color MAN Roland 28" x 40" Offset Press Series 700**

- Inline aqueous tower coater and extended delivery for flood or spot coating.
- Maximum sheet size 28" x 40"; minimum sheet size 14" x 20".
- Rated up to 15,000 sheets per hour.
- Print sheets as heavy as 24 pt. board and as light as 50# 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.

#### **Heidelberg XL75-8PLX 23" x 29" eight color press with perfector**

- In-line aqueous coater for flood or spot coating.
- Extended dryer for flood or spot coating.
- Maximum sheet size 23" x 29".
- Minimum sheet size for straight printing: 11.25" x 14".
- Minimum sheet size for perfecting: 13.5" x 14".
- Maximum rated speed for straight printing: 16,500 sheets per hour.
- Maximum rated speed for perfecting: 15,000 sheets per hour.
- In-line color control management system.
- Print sheets up to 24 pt. board and as light as 50# offset.
- Defect detection system to 0.4mm.
- Sequential numbering ink-jet capability.

#### **Reverse-Osmosis Water Filtration System**

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

### 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.
- Results reported on-screen, allowing faster adjustments to color on either 6-color press.

### Small Presses

#### **(2) Ryobi 3302 Presses**

- Print up to two colors, one side.
- Envelope printing capabilities.
- Optional continuous feed and conveyor delivery.
- Stock from 50# offset to 120# cover.
- Maximum sheet size 12.5" x 17.75"; minimum sheet size 3.5" x 5".

#### **Ryobi 1-Color Press**

- Print one color, one side.
- Envelope printing capabilities.
- Optional continuous feed and conveyor delivery.
- Stock from 50# offset to 120# cover.
- Maximum sheet size 12.5" x 17.75"; minimum sheet size 3.5" x 5".

#### **Ryobi 4-Color Press**

- Print up to four colors, one side.
- Envelope printing capabilities.
- Optional continuous feed and conveyor delivery.
- Stock from 50# offset to 120# cover.
- Maximum sheet size 12.5" x 17.75"; minimum sheet size 3.5" x 5".



## Large Format Equipment

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### **EFI™ VUTEk® LX3 Hybrid Flatbed/Roll-Fed Printer:**

Maximum Sheet Width .....126"

Multi-roll capable – two rolls.....60"

### **Standard In-Stock Materials**

- Paper, Plastic, Acrylic, and Corrugate
- Static Cling Vinyl
- Foam Products
- Up to 2" thickness
- White Ink on Dark Substrates

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### **EFI™ VUTEk® HS125 Hybrid Flatbed/Roll-Fed Printer:**

Maximum Sheet Width .....126"

Multi-roll capable – two rolls.....60"

### **Standard In-Stock Materials**

- Paper, Plastic, Acrylic, and Corrugate
- Static Cling Vinyl
- Foam Products
- Up to 2" thickness
- White Ink on Dark Substrates

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### **Océ Arizona Flatbed UV Large Format Printer:**

Maximum Sheet Size..... 96" wide x 120" long

Maximum Roll Width.....86"

### **Standard In-Stock Materials**

- Paper, Plastic, Acrylic, and Corrugate
- Static Cling Vinyl
- Foam Products
- Up to 1.97" thickness
- White Ink on Dark Substrates

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### **HP Designjet Z6200 Aqueous UV Pigment**

Maximum Material Width .....60"

### **HP Designjet L360 Latex**

Maximum Material Width .....64"

### **Standard In-Stock Materials**

- Photo Satin and Matte Papers
- 4 mil White Polyester Film
- Backlit Media
- Artist Canvas
- Watercolor Paper
- Dual-View Film
- Poly Satin Fabric
- Adhesive Vinyl

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### **(2) Zund Cutter/Routers**

The Zund is a compliment to the digital workflow and in particular the Océ Arizona Flatbed and EFI™ VUTEk® Hybrid Printer. It cuts, kiss-cuts, die-cuts, scores, perforates, drills, routes, and angle cuts substrates up to 2" in thickness. The process uses a moving blade rather than a die and runs at a rate of up to 40" per second.

### **Standard Cutting Functions for Most Substrates**

- Through-cut
- Kiss-cut
- Die-cut
- Angle-cut
- Score
- Drill





## Large Format Equipment

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### Wide Format Laminator

Maximum Material Width .....60"

Maximum Width of Piece to be Laminated .....57"

### 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

Limitations are based on substrate size availability.

Maximum Substrate Width .....60"

### Standard In-Stock Materials

- .1875" Foamcore
- .1875" Ultramount
- .5" Ultramount
- Styrene
- Sintra
- Coroplast
- Dibond®
- Artboard
- Plexi
- Cardboard
- 10 pt. to 20 pt. Card Stock

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### Heat Bender

Creates curves and bends in flat acrylic and other plastic materials.

Maximum Width .....78"

Maximum Thickness.....0.625" acrylic

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### 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.*

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

### GraphTec Cutter

#### Kiss-Cut Vinyl

Maximum Substrate Width .....60"

Maximum Length ..... Limited only by length of roll





## Prepress Software and Equipment

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### **Workstations**

- Seven Macintosh workstations.
- Adobe® Creative Cloud®, QuarkXPress, Adobe Acrobat® Professional with Pitstop, and Kodak Prinergy Workshop software.

### **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 750S and J Press 540W.
- Web-to-print automated file processing.

### **Prinect 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.

### **Prinect Portal**

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

### **Digital Information Imposition Proofer**

- Canon iPF8400S
- 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**

- Produces press-ready plates for *all* offset presses, offering equipment redundancy for maximum uptime.

### **Kodak Magnus 800 Platesetter**

- Produces press-ready 40" plates without intervention.

### **Gerber Sector Blanket Cutter**

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



## Bindery Equipment

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### Cutting

#### **Two 54", One 45" 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.

#### **ALBO Pile & Skid Turner**

- Used for turning and airing out skids of stock either before, during, or after printing.

### 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 – with milling 300 books/hr average.
- 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.

#### **Horizon HT30**

- Automated, single-knife, 3-sided trimmer for perfect bound books.

#### **Hand-Stitcher**

- Maximum thickness is .25".

#### **Multiple-Hole Drill**

- Drills 5 holes in one pass.

### Specialty Treatments

#### **Bobst 28" x 40" Die Cutter**

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

#### **Kluge Foil Stamp, Embossing & Die-Cutting Press**

- Stock availability from 50# offset to 24pt board.
- Maximum sheet size: 14" x 22"
- Minimum sheet size: 3" x 3"
- Simultaneous emboss and foil stamp capabilities.

## Mailing Equipment

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### **Inkjetter with Dryer**

- Prints on both coated and uncoated stock, up to 25,000 pieces per hour.
- 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 .3125" thick.

## Programs

### **Bulk Mailer® by Satori Software**

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

## Miscellaneous Equipment

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### **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**

### **Toledo Digital Scales**

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

### **Mega Counting and Tabbing System**

- For accurate counting of sheets up to 28" x 40".

### **BOX ON DEMAND® Box Maker Panotec Inline Series – 4 Feed**

- Manages robust box-making functions, including longitudinal and transverse cutting, creasing, and perforation, as well as handles and holes.
- Box widths range from 10.63" to 94.49".
- Box thicknesses range from .08" to .31" (Flutes: E, B, C, BE, BC).
- Longitudinal corrugated board feeding speed: up to 6.56 feet per second.
- Production capacity can range up to 10 packages per minute in single production and many more in side-by-side production.