

Digital Presses

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.

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

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".

GILSON

Offset Sheetfed Presses

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

- Inline 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.
- Inline 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.
- Doyle Sheet Cleaning System.

Reverse-Osmosis Water Filtration System

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

Color 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

Ryobi 3302 Press

- 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".



Large Format Equipment

AGFA™ Jetti Tauro® LED H3300 UHS

UV inkjet device for printing on rigid and flexible media. Speeds up to 905 m²/h. Eight (8) CMYK color bars, extra cyan and black color bars for print redundancy in dark colors, and spot white ink. Features extended vacuum for cardboard printing.

Standard In-Stock Materials

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

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

Maximum Sheet Width126"
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

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

Maximum Sheet Width126"
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

Canon Colorado M5W Pro with FLXfinish+

Maximum Roll Width.....64"
Media Thickness..... Up to 0.03"

Featuring UVgel Technology for robust, fade and scratch-resistant prints with exceptional quality. Print matte, gloss, or mixed matte and gloss in one print with FLXfinish+. Features GREENGUARD Gold Certified inks.

Standard In-Stock Materials

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

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

HP® DesignJet Z6200 Aqueous UV Pigment

Maximum Material Width60"

HP® DesignJet L360 Latex

Maximum Material Width64"

Standard In-Stock Materials

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

Large Format Equipment

(3) Zünd Cutter/Routers

The Zünd compliments the digital workflow, particularly 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

Wide Format Laminator

Maximum Material Width60"
Maximum Width of Piece to be Laminated57"

Standard In-Stock Materials

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

Mounting Specifications

Limitations are based on substrate size availability.
Maximum Substrate Width60"

Standard In-Stock Materials

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

Heat Bender

Creates curves and bends in flat acrylic and other plastic materials.
Maximum Width78"
Maximum Thickness.....0.625" acrylic

Gerber Edge

Cut Vinyl

Maximum Substrate Width30"
Maximum Print Area29.5"
Maximum Length Limited only by length of roll

Foils

Maximum Substrate Width12"
Maximum Print Area11.5"
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 Width60"
Maximum Length Limited only by length of roll

Prepress Software and Equipment

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.

Esko Automation Engine

- State of the art prepress software used to streamline and automate repetitive tasks from file creation through to final production processing.

Tilia Phoenix:

- Advanced planning and imposition software used to maximize material usage and reduce waste.

FUJIFILM 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 Impo 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.

Bindery Equipment

Cutting

Two 54", One 52", One 45" and One 32" Auto Trim Computer-Controlled Cutters

- Programmable for multiple cuts and automatic trim removal.

Two Polar Jogger/Scales with Air Removal System

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

ALBO Pile and 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, Drilling, and Shrink Wrapping

Muller Martini Fox 6-Station Saddle Stitcher Trimmer

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

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 HT-30C Trimmer

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

Horizon VAC-1000 6-Tower Collating System with Dual Stacker

Duplo Collator

- 3 tower (10 bins each)

Graphic Wizard Perforator

- 12" x 18" sheet size

Hand-Stitcher

- Maximum thickness is .25".

Multiple-Hole Drill

- Drills 5 holes in one pass.

Two Round Corner Machines

Two UD-300 Diecutters

PP-5600 Combo Fully Automatic Combination L Sealer with Shrink Tunnel

High-Speed, Side-Seal Continuous Delivery Shrink Wrapper with Extended Delivery

L-Bar Shrink Wrapper

Brackett Circular Padder

GBC Punches, Spreaders, and Wire-O Binding

Mailing Equipment

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.

Specialty Treatments

Bobst SP 102-E - 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 24 pt. board.
- Maximum sheet size: 14" x 22"
- Minimum sheet size: 3" x 3"
- Simultaneous emboss and foil stamp capabilities.

Two Horizon RD-4055 Rotary Die Cutters

- With Camera Verification System(s)

Miscellaneous Equipment

Two US Paper Counters (MEGA-MAX and CountWise)

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.