

# GILSON

## Digital Presses

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### Digital Color

#### 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 digital printed sheets.
- Total digital color capacity approximately 120,000 pages per day (1 page = 4C/1S sheet, 8.5" x 11")

#### Fujifilm Jet Press 720S

- The first production sheetfed four-color ink jet printing press in North America—and now the second generation!
- Full variable capabilities, front and back, with bar code matching technology.
- Larger color gamut and more precise registration than traditional offset printing.
- Uses the newest UV 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.
- 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.

### Digital Black and White

#### Xerox Nuvera 120 and Nuvera 314 state-of-the-art digital black and white toner-based presses

- Full variable capabilities.
- Inline booklet making and inline inserting.
- Edge, saddle or corner stitching.

## Coating Equipment

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#### Komfi Amiga 52 13" x 19" Digital Sleeking® Laminator

- In-house coating solution (known as "sleeking") provides the look of spot metallic, gloss or dull coating with minimal pre-press preparation.
- Sleeking process works in conjunction with HP Indigo inks.

#### 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 image; 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 20.0" x 29.6"



# GILSON

## Offset Sheetfeed Presses

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### Large Presses

#### Two Six-Color MAN Roland 28" x 40" Offset Presses 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.

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

- Produces 2/0 outputs or 1/1 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.
- Results reported on-screen, allowing faster adjustments to color on either 6-color press.

#### Reverse-Osmosis Water Filtration System

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

### Small Presses

#### (2) Ryobi 3302 Presses

- Print up to two colors, one side.
- Envelope printing capabilities.
- Optional continuous feed and conveyor delivery.
- Stock from 40# 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 40# 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 40# 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
- 

### 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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### Zund Cutter/Router

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

- Throughcut
- 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.*

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### 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, Quark XPress, 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 720S and J Press 540W.
- Web-to-print automated file processing.

### **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 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 Lotem 800 II Quantum 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.

# GILSON

## 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

#### **Heidelberg 25" x 35" Letterpress**

- Rated up to 3,000 sheets per hour.

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



# GILSON

## 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".

### **Packsize® Box Maker EM7-25**

- 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 inches to 94.49 inches.
- Box thicknesses range from .08 inches to .31 inches (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.

