



PREPRESS ART/DESKTOP PUBLISHING DEPARTMENT

Hardware

Various Macintosh and Windows workstations and servers consistently updated to match the trends and requirements of the industry.

Macintosh Software

- Adobe InDesign CC
- Adobe Illustrator CC
- Adobe Photoshop CC
- Adobe Acrobat Pro DC
- Quark Xpress 16
- DesignMerge Pro 14.6.1 (VDP Software)

Windows Software

- Adobe InDesign CC
- Adobe Illustrator CC
- Adobe Photoshop CC
- Adobe Acrobat Pro DC
- Quark Xpress 16
- Microsoft Office with Publisher

Our Art Department utilizes a triple-redundant backup and archival system with Cloud archive.

Fujifilm XMF Workflow

- Workflow system based on JDF specifications and Adobe APPE technology. XMF Workflow is an end to end solution from PDF creation and preflight through imposition to trapping and output maintaining the PDF file format right up to the final rendering stage using the Adobe PDF Print Engine (APPE), interpreter.

Output Equipment

- Fujifilm Platerite 4600S Platesetter CTP system (computer-to-plate; images plates at up to 3,657dpi)

Proofing

- HP SpinJet large format printer. (2-sided paginated color proofs)
- Epson SureColor P8000 (high quality color matching)

We accept files via FTP. Instructions can be obtained by emailing art@paulsenprinting.com

DIGITAL PRINTING

RICOH 9210
RICOH 9110

27-1/2" x 13" (26" x 12" with bleed) at 2400x2400 dpi.
- up to 400 GSM (150 Cover)

C6100 Konica Minolta

19" x 13" (18" x 12" with bleed) at 2400x2400 dpi.

Konica 1052

Black and White Prints up to 110 pages per minute

DocuColor 242

19" x 13" (18" x 12" with bleed) at 2400x2400 dpi.
Professional Finisher

Xante Illumina Digital

4 color envelopes and various stocks from 50 lb text to 26 pt cover.

OFFSET PRESSES

<u>Manufacturer</u>	<u>Qty.</u>	<u>Size</u>	<u>Type</u>	<u>Capabilities</u>
6 color Komori Lithrone	1	20x28	Sheet Fed w/Aqueous Coater	High Quality Short to Long Runs 32 pt. stock
5 Color Komori Enthroner 529	1	20x29	Sheet Fed	High Quality Short to Long Runs 5 Color 32 pt. stock
2-Color Heidelberg 74 Speedmaster Perfector	1	20x29	Sheet Fed Perfector	High Quality Short to Long Runs 2 Color or 1/1 Color 18 pt. stock
2-Color Hamada	2	11x17	Offset	1-2 Color High Quality Letterheads, Envelopes, Etc. 12 pt. stock

FINISHING

SADDLE STITCH BOOKLETS

Two Stahl ST-90 (by Heidelberg) saddle stitcher has 8 pockets plus a cover feeder. It can produce a 96 page booklet plus a 4 page cover. Trimmed book size: min 2.5" x 4" to max 12" x 13.625".

Our Horizon SPF30 will produce up to an 80-page saddle stitch book. Minimum size 3.75" x 5.875", 1-up; maximum size 9" x 13"; 2-up book size 3.5" x 3.5".

UV COATING

Our VividCoater™ provides us with the capacity to UV coat printed materials which produces more vibrant color as well as protection from scuffs and scratches. Maximum size 18" x 24".

CUTTERS

Our two 36" Polar Cutters (by Heidelberg) are fully programmable, allowing us to cut more accurately and quickly.

FOLDERS

We have two 23" x 35" Stahl TF-56 Folders with glue attachment (by Heidelberg) which allow us to fold at speeds up to 28,000 per hour. We also have a Stahl TI-36 Folder for sheet sizes up to 14" x 25" (min size: 3" x 4"; min fold length: 7/8"). This is a mini folder primarily for pharmaceutical insert work.

Horizon 566 Folder - 6 Buckle Plates/Knife Folder - Max Sheet Size 21.5" x 33" (min size: 5.125" x 6")

Graphic Whizard - Score/Perf/Folder with a Strike perf - Max Sheet Size 25" x 15" (min size: 25" x 4")

OTHER BINDERY EQUIPMENT

Paper Drill, Plastic Spiral Binding, High-speed Shrink Wrapper, Standard BQ-P6 perfect binder/Fast track tape binder.

DIRECT MAIL PRODUCTION CAPABILITY

BCC Professional Mailing Software.

Kirk-Rudy Inkjet Printer with inline tabber and dryer prints sizes of 3" minimum to 12" maximum in width and 2" minimum to 14" maximum in length. USPS, Planet barcodes. 4000W inline dryer. High speed inline tabber.

Two - 6 Station Phillipsburg Inserters capable of inserting up to 6 items into minimum 3" x 5" and maximum 6" x 9" envelopes.