FOWLER PRINTING & GRAPHICS

Prepress/Design:

Eight Macintosh and Windows PC workstations equipped with **Adobe Creative Cloud**, as well as the latest versions of all popular desktop publishing applications, including **QuarkXpress 10**, **Enfocus Pitstop 13** and **Microsoft Office 365.**

Rampage Workflow with **Rampage TrapEdit –** These software packages convert standard high-resolution EPS or PDF files to press-ready PostScript 3 output files. They maximize output quality and expedite production by automating the rasterization process, while producing precise overprints and trapping, providing the user with complete control over the entire process, including the ability to tweak output according to the specific job requirements.

Dynastrip imposition software – Facilitates preparation of finished documents for press output, allowing automatic and precise alignment and positioning of individual pages on press forms. Assures that the finished piece will be accurately arranged and ordered during the printing, trimming and binding processes.

EFI Colorproof XF color management proofing software. This software is professionally calibrated to allow precise proofing of our offset press output prior to platemaking and printing. Used in conjunction with our Epson Stylus Pro 7900 inkjet printer.

Epson Stylus Pro 7900 digital inkjet proofer, designed for output of accurate high-resolution representations of our offset press output. Capable of output sizes equal to that of our presses, up to **23" x 29".**

CTP (Computer–to–Plate) technology – eliminates the need for film by imaging directly onto the printing plate, resulting in maximum sharpness and detail. CTP also avoids potential losses in quality that may occur during film processing. Plates for both our Heidelberg Speedmaster CD74 offset press and our two Heidelberg Printmaster offset presses are produced in a less time-consuming, more consistent manner and at a lower cost.

Large Format:

The EFI™ H1625 LED Four color plus white and grayscale print capability with resolutions up to 1200 x 600 dpi. Advanced layering capabilities for high definition printing techniques. LED UV inks and lamps instantly cure so finished goods are suitable for indoor or outdoor use. UV ink in 4 colors plus 2 whites provides photorealistic prints on both flexible/roll-to-roll and rigid substrates up to up to 65" wide and 2" thick.

Offset Presses:

Heidelberg Speedmaster CD74-6-P-LX-F – Six-color offset press which can perfect two colors over four colors (2/4) or print 6 colors inline. Equipped with an aqueous coater unit, built-in spray powder system, extended dryer and aided by the Heidelberg Prinect digital quality control system, this press is able to print sizes from **13⅓" x 22½"** to **23" x 29".**

Two Heidelberg PrintMaster 46/2s – Two-color offset presses capable of running sizes ranging from **3⅝" x 5⅛"** to **12" x 18".** Key features include a built-in heat dryer, spray powder system, and the ability to utilize both polyester and metal plates. These units represent the best in small press technology.

Digital Presses:

Digital Presses offer the customer an alternative to offset printing that is often more cost-effective for short-run projects and affords faster turnaround than traditional printing methods, while providing quality that is comparable to offset output.

Digital Presses (cont'd):

Konica–Minolta BizhubPro C8000 – A full-color digital press equipped with an EFI Fiery server and color management software. With an inline finishing system, it is able to produce completed saddle-stitched books up **9" x 12".** This machine prints at **1200 dpi** on paper sizes ranging from **4" x 7"** to **13" x 19",** with weights ranging from **81** to **340 g/ms.**

Konica–Minolta BizhubPro 1250p - A black-and-white digital press with an inline finishing system also capable of producing **9" x 12"** saddle-stitched books. This machine prints at **1200 dpi** on paper sizes ranging from **5½" x 8½"** to **12" x 18",** with weights ranging from **72** to **340 g/ms.**

Xerox DocuColor 240 – A full-color **12" x 18"** copier equipped with a Fiery EXP250 server.

Print Shop Mail 6.1 – Variable Data Print software is utilized in conjunction with digital presses to produce on-demand printing in which elements such as text, graphics and images may be **changed** from one printed piece to the next without stopping or slowing down the printing process. Information from a database or external file is used. For example, a set of personalized letters, each with the same basic layout, can be printed with a different name and address on each letter.

Bindery & Finishing:

Heidelberg Polar 92 paper cutter – A cutting machine that is able to cut sheets as large as **36" x 36"** down to **1 inch.** Featuring a programmable cutting system and memory storage, exact cutting sequences for any previously run order can be instantly recalled.

Stahl 30 Continuous feed folder – Equipped with a **4/6/4** gate system, this machine is capable of executing multiple consecutive folds without the need to stop and reload. Starting at **23" x 29",** this machine is able to fold down to **1 inch** finished size in formats including gatefold, trifold, double gate and barrel fold.

Two MBO folders – An efficient set of automated folders able to handle sheets up to **23" x 26"** with ease. With a 4-gate system and special attachments, these units are able to fold and score a sheet in-line down to **2 inches.**

Heidelberg ST–100 booklet binder – A six-pocket saddle binder with inline trimming and 3-hole punch. The punch unit can be joined to our folder for inline punching and the knife folder can be used on the saddle binder for inline folding after stitching.

Borg AE10 – A ten-pocket collator that is ideal for assembling multiple-page packets. Capable of handling folders ranging in size from a maximum of **13½" x 17½"** to as small as **5" x 7".**

Rosback – This air-fed machine performs straight score and perforating tasks. It is able to do multiple lines in one pass on sheets ranging from **20" x 25"** to **5½" x 5½".**

We also offer an assortment of hand finishing products including:
- GBC/WIRE-O books
- Form numbering (red or black)
- Stitching (saddle or flat)
- Multiple hole drilling
- Padding
- Hand collating (kitting)
- Wafer sealing

Mailing:

Bell & Howell BCC Mail Manager software allows customer-supplied mailing lists to be automatically processed, producing error-free results by comparing the database with the daily updated National Change-of-Address Database, thereby minimizing waste and returned materials. This state-of-the-art application affords the operator complete mailing data control, including duplicate removal, enhanced sorting capabilities, CASS certification and instant USPS electronic coordination.

Pitney Bowes Insertamax – A six-station automated inserter capable of rapidly stuffing and sealing items into either **#10** or **#9** envelopes, eliminating the need for manual insertion and its associated labor costs.

Buskro Inkjet Imaging System – Capable of imprinting postal address information of up to 8 lines on envelopes, postcards, self-mailers and booklets ranging from **4" x 6"** to **10" x 13"** using multiple **600 dpi** print heads. Equipped with a thermal dryer and aqueous-approved inks, this unit is designed for rapid processing of all mailing materials.