

Electronic & Conventional Prepress

■ DIGITAL FRONT END:

Rampage

■ DIGITAL PROOFING:

Epson Stylus Pro 10600 inkjet contract color proof (2)
ImpoProof Canon 7200x2 imposition proof (2)
ImpoProof Canon 8400x2 imposition proof

■ PLATESETTERS:

Creo Trendsetter 800 Quantum (2)

■ IMAGESETTER:

Agfa Avantra 44XT 8-up

■ SOFTWARE WE SUPPORT:

Adobe Illustrator	10.x, CS, CS2	Mac & PC
Adobe InDesign	1.5, 2.x, CS, CS2	Mac & PC
Adobe PageMaker	6.x, 7.x	Mac & PC
Adobe Photoshop	7.x, CS, CS2	Mac & PC
Macromedia FreeHand	8.0, 9.0, 10.0	Mac only
QuarkXPress	4.x, 5.x, 6.x	Mac & PC

■ SYSTEM CAN ACCEPT FOLLOWING MEDIA:

Macintosh or IBM PC-compatible 3-1/2" diskettes
Iomega Zip 100 & Zip 250 disks
Iomega Jaz 1gb & 2gb disks
Multi-session CD-R
DVD-RAM

■ FTP SITE AVAILABLE

■ SCANNING CAPABILITIES

Linotype-Hell S3400 high-end drum scanner, driven by a G4 PowerMacintosh, creates digital scans that can be output to film for conventional film assembly or placed within an electronic file.

Heidelberg Nexscan F4100 flatbed scanner uses Direct Capture Technology (DCT) to capture image information without mirrors that break the light path and distort image information. This new technology allows us to scan two-up reflective originals, continuous tone and linework, slides, transparencies, open books, positive/negative film and even 3D objects. We can also scan framed artwork – with or without glass, as long as it fits on the scanner bed.

■ OTHER SUPPORT EQUIPMENT

Opti-Copy Imposer System is a computer-controlled camera that “shoots” camera ready artboards or composited

page films one-at-a-time and places them in correct position for printing. Customized imposition programs are written that ensure proper positioning of a page image dependent on roll stock width, binding method, final trim and drilling.

Digital Printing

To respond to our customer's request for small-quantity perfect bound books, we feature a Canon imageRUNNER 110 Production Printing System (iR110).

■ We use this black-only digital printer for text pages and print the covers on a sheetfed press. Books are then bound on one of our Kolbus perfect binders. If preferred, a self-cover piece of up to 220 pages (110 sheets) can be side stapled by the iR110 with one or two staples.

■ Maximum quantity at 300 copies and minimum page count at 100 pages (50 sheets).

■ We are using 12" x 18" paper to allow for full page bleeds on projects up to 8-3/8" x 10-7/8"

■ Works with paper from 20# bond to 110# index

■ Works with digital files only – no camera ready copy

■ We prefer any .tif images be scanned at 300 dots per inch (dpi) resolution, 240 dpi is acceptable

■ Output resolution is 600dpi

■ We cannot make adjustments to the screening – if a PDF file is supplied, we can't do anything to fix moiré

Technical Support

- Additional information on our processes and equipment can be found in our **Technical Information Sheets** – available in print or in PDF format on our Web site, www.riponprinter.com.
- Customer education department available to assist in electronic file preparation. Contact Jason Hauman at 800-321-3136, ex. 312.

Web Presses

Five coldset and one heatset web presses produce a wide variety of products on an equally wide variety of stocks. From tabloids to book signatures, a variety of page counts, ink color combinations and binding configurations are available.



MAN Roland Rotoman N Heatset Web Press

■ A **MAN Roland Rotoman N** heatset press is the newest addition to our "one-stop shop." With four units, dryer and chill stand placed on a mezzanine and a duplicate set on the floor, it is the only "stacked" Rotoman N press in North America. We can produce 4/color 8-page to 32-page signatures.

The Rotoman is equipped with closed loop color, web control and closed loop register systems as well as a vertical stacking system and palletizer.

- 22-3/4" cutoff
- Our standard trim sizes are 5-3/8" x 8-3/8", 6" x 10-7/8" and 8-3/8" x 10-7/8"
- Workbook perforation available

■ For printing on uncoated stocks, our commercial presses are heatset presses running in the coldset environment. A **Goss G18** – one of three in the U.S. – features state-of-the-art engineering with closed-loop register on two webs. Two **Hantscho Mark 16** presses – one with

closed loop register – complete the trio.

Each of these three presses is configured with six printing units, three roll stands with zero-speed splicers and quick change folder. All are outfitted with state-of-the-art spray bar dampening systems. Signatures of up to 40 pages can be pasted-on-press. In-line trimming of pasted product and workbook perforation are also available.

- 22-3/4" cutoff
- Our standard trim sizes are 5-3/8" x 8-3/8", 6" x 10-7/8" and 8-3/8" x 10-7/8"
- 6-over-6 available in 16-page signatures
- Black+one color available in up to 48-page signatures
- Metrofold signatures and tabloids also available

■ The **Goss Community** press line consists of nine mono units, one stacked unit, one 4-high unit and two folders. The units can run to one folder or run independently into respective folders. Up

to seven webs can be run to produce quarterfold or broadsheet projects. Signatures of

up to 40 pages can be pasted-on-press. Workbook perforation is available.



**Goss G18
Coldset Web Press**

Sheet Presses

To complement our web press capabilities, four sheetfed presses print covers and inserts for bound products as well as complete sheetfed products.

■ **Heidelberg Speedmaster SM74** 8/color press with perfecting and in-line aqueous coating. Can print 4-over-4 or up to 8 colors in one pass. Maximum image: 20" x 29-1/8"

■ **Heidelberg Speedmaster CD74** 6/color press with perfecting and in-line aqueous coating. Can print 6-over-2 or up to 6 colors in one pass. Maximum image: 23" x 29-1/8"

■ **Heidelberg MOZ-H** 2/color primarily for 2/color products or 1/color plus varnish.

■ **Hamada 700** for small 1/color print runs, producing envelopes, newsletters and special imprints.

■ OTHER SUPPORT EQUIPMENT...

Automatan Jogger/Aerator load turner jogs press sheets to the gripper/side guide edges for perfect alignment. Aerating separates the sheets and blows out trapped offset powder, dust and scrap from loads.

Perfect Bind & Saddle Stitch

Saddle stitch or perfect bind products can be bound in a variety of page counts and combinations. In-line and off-line support equipment enhances binding capabilities.

■ HOT GLUE SQUAREBACK BOOKS

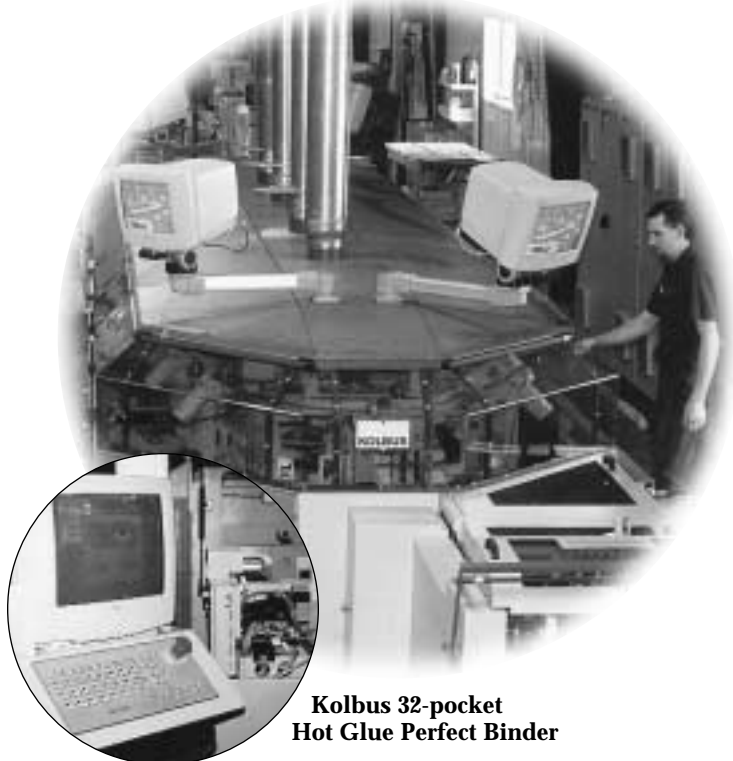
Two **Kolbus** perfect binders can produce books from 1/8" to 3-1/8" thick.

- 32 & 24 pocket capacity with in-line trimmers
- Large page count products done in multiple passes
- Minimum final trim: 3-15/16" x 4-15/16"
- Maximum final trim: 12" x 15"
- In-line drilling & shrink wrapping available
- In-line outside-only inkjet addressing and thumbedge imaging available

■ SADDLE STITCH PRODUCTS

Our five saddle stitchers feature cover feeder/folders with in-line trimmers.

- Six to ten pocket capacities
- Minimum sizes: 3-1/2" x 7-1/2" or 4" x 6"
- Maximum sizes: 12" x 19-1/2" or 11-1/2" x 20"
- Maximum thickness: 3/8" for 1-up product
- 4th/5th knife available for digest-size products
- In-line inside/outside inkjet imaging and tabbing available on three saddle stitching lines
- Blow-in insert cards available (*2 different in same location*)
- Calendar-style Punch available: 1/8", 3/16" or 1/4" hole
- **Prima SB360** offers selective binding.
- Two In-line **G&K ZK500** Knife Folder able to fold 8-3/8" x 10-7/8" pieces in half to qualify for letter-size postal rates



**Kolbus 32-pocket
Hot Glue Perfect Binder**

Bindery Support

In-line and off-line inkjet systems, drills, folders and shrink wrapping/polybagging complement our binding capabilities.

■ INKJET SYSTEMS

Personalization and addressing can be done with inkjet printing on many of our machines – from saddle stitchers, folders, perfect binders and shrink wrappers. Besides addressing, thumbedge printing, special fonts, variable graphics, sequential numbering and fixed messaging are also available.

Printers available:

- Twelve **Kodak 5120s** use water-based ink – black standard, red available at additional cost
- Two **Videojet SR50** uses MEK (solvent-based) black ink – stand alone
- One **Domino Bitjet 212** uses MEK black – stand alone
- One **Videojet Printpro** uses MEK black

Our **Prism System Controllers** can synchronize up to three 5120s printer and a Printpro. Four Prisms are attached to saddle stitchers, one is used off-line.

■ TABBING EQUIPMENT

Profold Double Head Tabbers along with a **Kepes Tabber** apply the required tabs for letter-size automation postal rates in-line while saddle stitching.

- Standard tab: 1" white circle preferred
- Colored, translucent or perforated tabs available by special order; clear by special order at additional cost

Profold Deluxe Tabber works with a mailbase.

- Applies 1 or 2 tabs on one edge or 1 tab anywhere
- Standard tab: 1" white circle
- 1" to 3" diameter circles available by special order

■ DRILLING & SHRINK WRAPPING

Two **HFD Ultimate** automatic drills are able to drill two piles of books at a time.

- Maximum pile thickness: 3"
- Hole sizes: 1/8", 3/16", 1/4", 9/32", 5/16", 3/8" & 1/2"
- Up to 5-hole configuration including standard 5-hole automotive, 5-hole same-size and standard 3-hole

A **Shanklin HS-1 Automatic Wrapper** can polybag or shrink wrap using three different types of film depending on customer wishes and end use. Pattern gluing also available.

Six **Arpac Automated Shrink-Packaging Systems** can be used in-line with any binder to provide protective packaging. 2 mil. film is our standard offering.

■ OUTSIDE STICKER PLACEMENT

Label Aire 3111 (affectionately known as a "dot whacker") applies stickers to front or back cover.

- Works with 3/4" circles to 4"x5" rectangles and any odd shapes in between
- Please consult with us before ordering stickers to ensure machinability (and avoid hand application costs)

■ FOLDERS

Stahl TF78 4-4-4 and **Baum** buckle folders

With **Tri-Creaser** attachment to eliminate cracking.

Mailing Services

The final step – mailing – made easy with three versatile mailbases and in-house mail list sortation service. All mail is loaded on trailers at our docks and can be sent directly to Chicago or Bulk Mail Centers to enter the mailstream.

- Two **Kirk-Rudy** and one **Videojet** mailbases serve traditional paper labels and inkjet addressing
 - Apply 1" or 1-1/2" 4-up Cheshire paper or pressure-sensitive labels
 - Outside-only inkjet addressing
 - Application of one or two tabs to gain automation postal rates

Kirk-Rudy Mailbase with Videojet SR50 Inkjet Head for outside-only off-line imaging



Mail List Processing

In-house list processing from your database files. CASS/PAVE certified mailing files can be printed to traditional paper/pressure-sensitive labels or programmed for inkjet addressing.

- Acceptable media: IBM or Macintosh diskettes, IBM 9-track tapes, Iomega Zip100, CD-ROM or FTP/e-mail
- Acceptable formats: Comma delimited ASCII, fixed length records, tab delimited ASCII, dbf, Microsoft Access and Microsoft Excel. Others on approval.
- Duplicate elimination and merge/purge available at additional cost
- Required postal reports for CASS certification and zip code verification are generated
- Customization available – key codes and messages
- Variable graphics
- National Change of Address (NCOA) through BCC/Donnelley Marketing available at additional cost. Files need to be sent out so please plan accordingly.
- Delivery Point Validation (DPV) available at additional cost as an add-on to CASS verification. Verifies the existence of each address.

Fulfillment Service

Your orders can be filled – whether to individual customers or business-to-business, bulk shipments or single books – right from Ripon.

- Working with your own system, orders can be placed at your Web site and e-mailed individually or in groups to our fulfillment area.
- Once they are downloaded into our in-house program, a detailed order, a packing slip and shipping labels are generated based on your shipper preference.
- If the shipper uses tracking numbers and offers automatic e-mail shipping verification, we scan those numbers and send an order verification. Your customer knows when their order is on its way and have the number to be able to track it.
- Reports of the day's order shipping activities are prepared and sent to you via e-mail.
- Along with filling orders, inventory of items-on-hand can be done as often as requested.
- Gain the advantage of efficient movement throughout the country from our central location.

RIPON

PRINTERS

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