Equipment List

**PREPRESS**

*A full range of premedia services available to help print projects flow smoothly from start-to-finish.*

**Digital Front End:**
Prinergy with InSite

**Digital Proofing:**
- Epson Sure Color P9000 inkjet contract color proof with an Oris Color Management RIP (2)
- Epson Stylus Pro 9900 inkjet contract color proof with an Oris Color Management RIP (1)
- Booklet-style proofs are run on our Ricoh Pro C7100 digital presses.

**Platesetters:**
- Fuji Javelin platesetter (1)
- Creo Trendsetter 800 Quantum (2)

**Color Management Tools:**
- 1iSis 2 Spectrophotometer (1)
- XRite 1iSis XL Spectrophotometer (1)
- 1i Pro Spectrophotometer (3)

**DIGITAL PRESSES**

*Four digital presses offer high capacity and print flexibility for short-run products that need a quick turn.*

**Xerox iGen4 Digital Imaging Devices (2)**

**Stocks available:**
- Lightest: 20# bond [50# offset]
- Heaviest: 16pt board
- Coated, uncoated, specialty stocks
- One and two-sided magnet stock

**Sheet sizes:** Minimum: 7” x 7”  Maximum: 14.33” x 22.5”

**Finishing Capabilities:**
- Duplo 5000 booklet maker (1)
  - Saddle stitch and side stitch (page counts vary by stock)
  - Minimum: Flat size = 7.05” x 4.75”  Final size: 3” x 4.75”
  - Maximum: Flat size = 20” x 14”  Final size: 9.84” x 14”

**Duplo DC-645 Slitter/Cutter/Creaser with business card unit (1)**

**Tec Lighting 30” UV Roller Coater, flood coat only (1)**

**Challenge Drill (1 hole) (1)**

**Baum Folder Model RB-III (3 hole drill) (1)**

**Kirk Rudy Tabber (1)**

**Eastey Shrinkwrapper (1)**

**Ricoh Pro C7100 Full Color Printers (2)**

**Stocks available:**
- Lightest: 14# bond
- Heaviest: 110# cover
- Coated, uncoated, specialty stock

**Sheet sizes:** Minimum: 5.5” x 8.5”  Maximum: 13” x 19.2”

**Finishing Capabilities:**
- Plockmatic PBM350 booklet maker (1)
  - Saddle stitch and side stitch (page counts vary by stock)
  - Minimum: Flat size = 8.5” x 11”  Final size: 5.5” x 8.5”
  - Maximum: Flat size = 12” x 18”  Final size: 9” x 12”

**All Digital Presses:**
- Folding, Drilling, Tabbing and Shrinkwrapping available
- Color: process colors; PMS is a CMYK color match
- Variable data customization available
- Complementary digital storefront capabilities provide a robust solution for demand-based print and fulfillment programs.
WEB PRESSES
Two heatset and three coldset 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.

Two Manroland Rotoman N heatset presses are the cornerstones of our web printing capabilities.

With four units, dryer and chill stand on a mezzanine and a duplicate set on the floor (total of eight units), our first Rotoman can produce 4/color 8-page to 32-page signatures.

Our second Rotoman features five units and a sheeter. The fifth unit is available for varnish or spot color.

Both Rotomans are 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 exclusively on uncoated stocks, our commercial presses are heatset presses running in the coldset environment.

A Goss G18 has closed loop register on two webs.

A Hantscho Mark 16 with closed loop register completes our commercial duo.

Both of these presses are configured with six printing units, three roll stands with zero-speed splicers and quick change folders capable of printing up to 48-page signatures. Both are outfitted with state-of-the-art spray bar dampening systems. Signatures of up to 32 pages can be pasted-on-press.

• 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
• 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 five mono units, two 4-high units and one folder. Up to six webs can be run to produce tabloid or broadsheet projects.

SHEET PRESS
To complement our web press capabilities, two sheetfed presses print covers and inserts for bound products as well as completely sheetfed products.

Heidelberg Speedmaster XL75 8/color press with closed loop color control, perfecting and in-line aqueous coating. It can print up to 4-over-4 or up to 8 colors in one pass.

Maximum sheet size: 23” x 29.125”.

Heidelberg Speedmaster SM102 roll or sheetfed 10 color press with closed loop color control and perfecting can print up to 5-over-5 or up to 10 colors in one pass.

Maximum sheet size: 28” x 40.125”.

CITO Print Line’s Finishing System for in-line perforating, die cutting and scoring available on our Heidelberg Speedmaster SM102.
BINDING

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

Perfect Bind

Müller Martini Bolero & Kolbus KM491
- 24 & 32 pocket capacity with in-line trimmers
- Large page count products done in multiple passes
- Minimum final trim: 4” x 2-13/16”
- Maximum final trim: 12-1/4” x 17”
- Can produce books from 1/8” to 3-1/8” thick
- In-line outside-only inkjet addressing and thumbedge imaging
- In-line drilling & arpacning available
- Book slitting saw for 2-up digest-sized products
- PUR glue & layflat available
- Blow-in and loose bind-in cards available
- Bolero offers ASIR Signature Recognition

Saddle Bind

Our five stitchers feature cover feeder/folders with in-line trimmers.
- Six to 10 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
- Blow-in insert cards available
- Calendar-style punch available: 1/8”, 3/16” or 1/4” hole
- Prima SB360 offers selective binding
- Two Prima SB390 with ASIR Signature Recognition built in
- Two In-line G&K ZK500 knife folders able to fold 8-3/8” x 10-7/8” pieces in half to qualify for lettersize postal rates

Plastic Spiral Bind

Sterling Coilmaster III Inserter
- Finished product sizes:
  - .125” to 1” thick
  - 5” to 14” height
  - 4” to 12” width
- Black-and-white coils are standard; custom colors by special order.

BINDERY SUPPORT

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

Inkjet Systems

In addition to personalization and addressing, thumbedge printing, special fonts, variable graphics, sequential numbering and fixed messaging are also available.

MCS Eagle FlexPrint
- 4.25” solid bar, high res injet 600 dpi plus two 300 dpi HP
- Use aqueous hybrid pigment based ink
- Small droplet size (7-18 pico liters) gives true 600 dpi resolution
- Printing true type fonts and bitmap graphics at any rotation without stitching image

Inkjet.Inc (1)
- 8 HP drop on demand style ink cartridges create two - 2” wide print paths with up to 300 dpi
- Water-based ink for printing on open stocks: Very Black
- PrimeX ink for coated or open stocks: Black, Red, Blue
- Custom colors available, 3 week lead and minimum quantity of 4 pens
- Prints true type fonts and bitmap graphics at any rotation

Kodak 5120s (15)
- Water-based ink for in-line applications

Videojet BX65000 120 resolution printheads (2)
- MEK (solvent-based) black ink is used on our mailbases or perfect binders for outside-only applications.

Videojet VIP Control Pro (8)
- Synchronizes one-to-four inkjet printers with a saddle stitch binding line, providing reorder of rejected books and zip control for counterstackers.

Bell & Howell Pinnacle Envelope Inserter
- 6 insert stations
- #10 envelopes up to 6 x 9
BINDERY SUPPORT continued

Tabbing Equipment
Double Head Tabbers (3)
Apply head and foot tabs for USPS booklet auto letter rates in-line.

Profold Single Head Tabbers (2)
Apply tabs for USPS auto letter rates on folded self mailers and booklets.

All Tabbers
Standard tab available 1-1/2” [postal requirement] translucent circle. Other tabs available by special order.

Folders
MBO 30 4-4 (2) buckle folders
MBO B26 S 6-6 (1) buckle folder
Baum 4-3-2 (1) buckle folder
  • TriCreaser attachment available to reduce cracking
Linemods RSC 2010 Plow Folder (1) for register, scoring, perforating, slitting, folding conveyor

Drilling
  • 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.

Hang 255-10 (1)
Flexible high-speed paper drill capable of drilling up to 3,000 piles per hour.

HFD Ultimate (2)
Automatic drills that can drill two piles of books at a time.

Challenge Model MS104 (1)

Fenimore Auto Punches (2)

Wrapping
Shanklin HS-1 Automatic Wrapper (1)
  • Can polybag or shrink wrap using three different types of film depending on customer wishes and end use.
  • Pattern gluing also available.

Arpac Automated Shrink-Packaging Systems (3)
  • Can be used in-line with any binder to provide protective packaging.
  • Our standard offering is 1.5 mil. film.

Shanklin A27 Semi Auto Wrapper (2)

Outside Sticker/’Sticky Note’ Placement
Label Aire 3138-N Merge with Zebra 300 dpi printer
Label Aire 3111 (AKA “dot whacker”) applies stickers or ‘sticky notes’ to front or back cover.
  • For stickers, works with 3/4” circles to 4”x6” rectangles and any odd shapes in between.
  • For ‘sticky notes’, notes must be 3” square. These must be ordered from a USPS-approved vendor and must be machine applied.
  • Please consult us before ordering stickers to ensure machinability and avoid hand application costs.

Carton Printing
Iconotech Optimizer (black only)

Additional information on our processes and equipment can be found in our TechLines Sheets – available in PDF format at our website.

Our customer education specialist can assist with electronic file preparation and submission. Contact James Wamser at 800-321-3136, ext. 532.