

# EQUIPMENT



**PBM**<sup>®</sup>  
PBM GRAPHICS INC

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## **ELECTRONIC PREPRESS**

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### **IMAGE SETTERS**

- 1 – Creo Trendsetter Spectrum platesetter and proofing; Max plate/proof: 32" x 44"
- 1 – Creo Trendsetter 3244AL; Max plate: 32" x 44"
- 2 – Screen Javelin 8000 Platesetters
- 2 – Fuji Final Proofs
- 1 – Esko Spark 42 x 60 Flexo Platesetter

### **STORAGE FORMATS (MAC & PC)**

CD Rom, DVD and FTP

### **DIGITAL PROOFING**

- 1 – Creo Trendsetter Spectrum 32" x 44"
- 2 – Epson 9900
- 2 – Fuji Final Proof
- 2 – Cannon ImpoProof
- 1 – Roland proofer with UV capabilities

### **CTP WORKFLOW SOFTWARE / SYSTEMS**

Kodak Prinergy Workflow  
Esko Flex Rip

### **PRINT ON DEMAND WORKFLOW SOFTWARE / SYSTEMS**

- Xerox FreeFlow Suite
- Web Services (iWay)
  - Process Manager
  - Output Manager
  - MakeReady

### **SCANNERS**

- 1 – Epson Expression 10,000XL, 12" x 17"
- 1 – Microtek Scanner to 20.08" x 25.6" with variable scaling from 10% - 3000%
- 1 – Epson Perfection 2450, 9" x 12"

### **ELECTRONIC COMMUNICATIONS**

www.pbmgraphics.com  
ftp.pbmgraphics.com  
Wam!Net Internet Gateway  
Kodak InSite  
Esko Web Center

## COMMERCIAL PRINTING

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### WEB PRESS

- 1 – Komori System 38S Full Web Offset Press (model year 2005)  
6-units with in-line perforating and folding capabilities; re-moistenable pattern gluer; spine paste and in-line trimmer; combination folding and sheeting capabilities, ½ cut folder and 4-8 page module. Equipped with Quad Tech Color Control System (CCS) and register guidance system (RGS).

Specifications: Maximum web width: 38"  
Maximum speed: 50,000 IPH  
Stock weight: 30# text to 10 pt. cover  
Maximum transfer area: 23.309"  
Fixed cut-off: 23.5625"

### SHEETFED PRESSES

- 1 – Komori LS Lithrone (model year 2008) 28"x 40" eight-color press with full UV capabilities and coating system
- 1 – Komori Lithrone G40 (model year 2013) 28" x 40" six-color press with full UV capabilities and coating system
- 1 – Komori 28" x 40" (model year 1998) six-color press with full UV capabilities and coating system
- 3 – Komori Lithrone (model year 2007) 40" six-color (all with aqueous coaters)
- 1 – Komori LS Lithrone (model year 1998) 40" two-color with coater and UV coating capabilities
- 1 – Geitz (model year 2009) 28"x40" foil stamping and embossing
- 1 – Bobst (model year 2009) 28"x40" foil stamping and embossing

Specifications for all 40" Presses: Maximum sheet size: 28.3" x 40.6"  
Minimum sheet size: 18" x 20.5"  
Sheet thickness range: 0.002 - 0.040  
Maximum image size: 27.3" x 40.2"

### FLEXOGRAPHIC PRESS

- 1 – Mark Andy P7 Performance Series 8-color flexo press with UV

Specifications: Maximum width: 17"  
Minimum width: 6"  
Maximum speed: 750 fpm (230 mpm)  
1 mil (25 micron) BOPP (with film kit) – 14 pt (356 micron) stock  
Maximum print repeat: 30"  
Die repeat maximum: 24"

PBM's flexo press is the first Mark Andy P7 to be custom-engineered outside of standard press specifications with a larger 30" pattern repeat, and is the only unit with Electron Beam (EB) adhesive curing technology on a flexo footprint. The unique EB curing technology provides clarity in plastic-to-plastic lamination and scuff resistance to labels, and the press modification permits graphical effects with cold foil, all improving the aesthetic effects and appeal.

## QUALITY ASSURANCE

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- 1 – Lasercomb Prodigy 1613 (sample and blanket cutting capabilities)  
Cimex Cimpack 11.1 Design Software
- 1 – BKY – Gardner Micro-Gloss 60 gloss reader (reads gloss value on press sheet)
- 1 – Rotronic Humidity Meter (measures paper humidity)
- 1 – Landsco Inspection Station (light station for paper emboss inspection)
- 1 – X-Rite Auto-Tracking Densitometer (reads color bar on press sheet for program)
- 1 – X-Rite 938 Spectrodensitometer (hand held densitometer for individual readings)
- 2 – Mega Stahl vertical inspection station with magnification

## CERTIFICATIONS

ISO 9001:2008  
FSC and SFI  
GRACol 7

## **BINDERY AND FINISHING**

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### **FOLDERS**

- 6 – MBO 30" x 50" continuous feed with electronic controls
- 8 – MBO TS 76 8-plate parallel, MCP control, 32" x 50" continuous feed, TS 76 6- and 8-page units
- 2 – MBO Z2 Knife Folder
- 1 – Vijuk Pharmaceutical Folder

### **DIECUTTERS AND FOLDER / GLUERS**

- 2 – Bobst Diecutters SP-102SE with stripping units, Max. sheet size: 28" x 40"; Min.: 13.75" x 15.75"
- 1 – Bobst Diecutter 104ER with stripping & blanking units and color scanner; emboss, die-cut, & score, Max. sheet size: 28" x 40"; Min.: 18" x 20"
- 1 – Bobst Domino folder/gluer; fold, glue, and double-faced tape in-line + Leary System
- 2 – Bobst Expert folder/gluer; fold, glue, and double-faced tape in-line + Leary/Vision System
- 2 – HHS fugitive glue system with cold glue capability
- 1 – HHS fugitive glue system with remoistening capability
- 1 – HHS cold glue unit
- 1 – Robatech fugitive glue system with a Hunkler plow unit
- 2 – H&H Model 392
- 1 – Kluge EHD 14" x 22" diecutter/foil stamper

### **STITCHERS**

- 1 – 335 Muller-Martini 4-pocket with cover feeder or 6-pocket self-cover
- 1 – 335 Muller-Martini 10-pocket with cover feeder and card feeder
- 1 – 380 Muller Bravo Plus Amrys 6-pocket with cover feeder and card feeder

### **CUTTERS**

- 1 – Polar programmable 54" with flow through back loader and unloader
- 1 – Itoh programmable 54" with flow through front loader and unloader

### **COLLATORS / SHRINK-WRAPPERS**

- 1 – Sitma 15-pocket collator

### **CUTTING SYSTEMS**

- 2 – Beam Dynamic LMC 5000 laser die cutters
- 3 – Itoh 54" cutters
- 1 – PMC 225 counter-pressure high die
- 2 – PMC HMB high dies

### **LAMINATION**

- 2 – Potdevin sheet-to-sheet laminating systems
- 1 – Billhofer foil to board laminator

### **FOIL CRASH NUMBERING**

- 1 – Thermotype foil crash numbering machine for 40pt. and less
- 2 – E4CC Malahide hot stamp foil crash numbering machines for 40pt. and above
- 1 – Manually operated single-cycle foil stamp machine

## **BINDERY AND FINISHING cont.**

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### **ROBOTICS**

- 1 – ABB Dual FlexPicker system for high-speed custom applications
- 1 – Stand-alone ABB Single FlexPicker for custom applications

### **MISCELLANEOUS**

- 2 – 703 Palamides 3-up automatic paper banders
- 1 – James Burn punch and wire-o closing machine
- 1 – Durslen high speed automatic drill with programmable pattern drilling
- 1 – Challenge 3-hole drill foot pedal power driven
- 2 – 502 Palamides 2-up automatic paper banders
- 1 – Wexler US2000B automatic hand product fed paper bander
- 6 – Automatic case sealing machines
- 2 – Label-aire systems for in-line sticker/security/ anti-theft/label applications
- 2 – Multifeder insert/onsert for tipping on cards, PI's and other items

## **PACKAGING AND CARD FINISHING**

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### **SLITTING**

- 3 – GMI full bleed gutter cut-square corner-deck collating systems
- 4 – Rollem bust/gutter cut-square/round corner-deck collating systems

### **BLISTER MACHINES**

- 1 – Alloyd 16S 3-feeder blister machine S/N 89-807
- 1 – Alloyd 16S 5-feeder blister machine S/N 95-818
- 1 – Alloyd 20S1218 blister machine S/N 88-835 – in Howard, SD
- 1 – Alloyd 14S blister machine S/N 91-813

### **OVERWRAPPING / COLLATING**

- 5 – Longford collating lines with the following specifications:
  - 1 – 12 pocket line with Doboy overwrapper and programming for randomization
  - 1 – 16 pocket lines with Doboy overwrappers and programming for randomization
  - 1 – 16 pocket lines with 8 camera systems for batching decks to maintain integrity
  - 3 – 24 pocket lines with Doboy overwrappers, programming for randomization variable data inside pack printing, barcode scanners for verificationAll equipped with Thermo Scientific in-line weigh scales
- 82 – High-speed Longford feeders
- 8 – Vision recognition systems for critical collating verification and controlled lot environment
- 2 – High-speed Sitma collator/shrink-wrap/polybag system, 1 is in storage
- 10 – Streamfeeders

### **VARIABLE DATA PRINTING / VERIFICATION**

- 2 – Buskro variable data printing lines with the following specifications:
  - Line 1: read/print with a camera system with 2D barcode capability to ensure conformance and no duplications. With a 2" UV print head and a 1" Cezanne head.
  - Line 2: read/print or print/read with a camera system with 2D barcode capabilityIn-line pick/place/fugitive glue system to attach variable data imaged cards to carriers that then can be read to print the 2D barcode identifier on the outside that pertains to the card on the inside for lot control and track/trace. Database creation that specifies unique item within a kit, traced to box, traced to skid and destination
- 1 – Kirk Rudy high-speed label/scratch-off applicator

### **SHRINKWRAPPING PACKAGING SYSTEMS**

- 4 – Shanklin Omni fully-automated high-speed systems with smart in-feeds
- 4 – Shanklin F-5 automated high-speed systems
- 2 – Shanklin HS-1 automated high-speed systems
- 3 – Shanklin semi-automatic A-26 systems

### **MISCELLANEOUS**

- 1 – Spartanics M500 die cutting system
- 1 – Atlantic Zieser card line, variable data/scratch-off applicator, with dual camera verification

## **DIRECT MAIL SERVICES**

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- 2 – Kodak Versamark DP 5122 printers - 2" head
- 2 – Kodak DP 5120 Printers - 1" head
- 1 – Videojet Printmail Wide Array - 2" heads
- 1 – Bell and Howell Phillipsburg 6-station inserter
- 2 – Omega strapping machines
- 1 – Strapex strapping machine
- 1 – Serta counting and weight scales
- 2 – Kirk Rudy model 215 mailbases
- 2 – Drying systems model 5061
- 1 – Drying systems model PDI-SOP2766
- 1 – Drying system model DH3200
- 1 – V710 Streamfeeder
- 2 – Profold tabbers
- 2 – Straight Shooter stream folders
- 1 – Mailing software server
- 1 – Mailing software workstation
- 3 – Lexmark T634 printers
- 2 – Lexmark T632 printers
- 1 – Zebra 105 SL printer
- 2 – Dell PC with Mailscape Print Controller software for Kodak printers
- 1 – Dell PC with Printmail software for Videojet printer
- 2 – BCC Postnet optical comparators

Onsite Detached Mail Unit (DMU) / onsite mail verification

## **POSTAL PERMITS**

- Presorted Standard Mail
- Presorted First Class Mail
- Bound Printed Matter
- First Class Mail

## **HANDWORK SERVICES**

- Labeling
- Collating
- Mail Sorting

## **SOFTWARE**

- Mail Manager 2010 Network Version
- BPM/ Parcel Post Option
- Palletization Option
- Firm Package Option
- Task Master Option
- Suite Manager Option
- Tag-it Pro
- As-U-Type
- Ultra-Edit
- PGP



## **PRINT ON DEMAND**

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### **DESKTOP**

Mac G-7 Workstations  
Windows NT PC Workstations

### **PRINT ON DEMAND WORKFLOW SOFTWARE / SYSTEMS**

Xerox FreeFlow Suite

- Process Manager
- Output Manager
- MakeReady

### **PREPRESS**

Digipath production software  
Primera Bravo Pro Disc Publisher, CD & DVD duplication

### **VARIABLE DATA PRODUCTION SOFTWARE / SYSTEMS**

XMPie PersonalEffect Solution

- uPlan desktop software
- uCreate plug-in
- ulmage plug-in
- uChart plug-in
- uProduce, dedicated server

Xerox Variable Data Intelligent PS PrintWare (VIPP)  
Xerox FreeFlow Web Services (iWay) Form Editor  
Xerox VI Designer  
Bigstream Pageflex  
HP SmartStream Production Pro Print Server

### **DIGITAL PRESSES**

2 – HP Indigo 7500 with 6 ink stations  
1 – HP Indigo 7500 with 7 ink stations  
1 – Offline UV Coater  
1 – Xerox Nuvera 144 with in-line folder/stitcher and Bourg signature booklet maker  
1 – Xante Illumina DEP GS, digital envelope press

### **BINDERY / FINISHING**

1 – Duplo signature booklet maker in-line folder/stitcher  
1 – Baum 3-hole drill  
1 – Heidelberg Polar 78" x 30" guillotine paper cutter  
1 – Morgana Digifold Pro  
1 – MBO T-49 folder/stitcher  
1 – MBO B32-s folder  
1 – Bostitch M7 stitcher  
1 – GBC Magna punch, Quantum Punch, WireBind, ColorCoil, DigiCoil  
1 – Horizon BQ-270C Perfect Binder, with 3 knife trim  
1 – Transpak TP-202 strapping machine  
1 – Padmaster 2000 padder  
1 – Challenge Paddy Wagon padding rack  
1 – Wexler ATS-MS 420S banding machine  
1 – ISP Book stitcher, pedal operated  
1 – Smipack S560 Shrinkwrapper

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