



## EQUIPMENT LIST

### Pre-Press

**Mac Server** - Apple Power Mac G4, Dual 867Mhz., 1 GB RAM, Sys X.3 Server, 60 GB HD (System), 250 GB Mirror Drive (FTP Server & Data Storage), CD/DVD-RW. 15" NEC CRT, 2 External 500 GB Backup Drives.

**Mac Work Station #1** - Apple Power Mac G5, Dual 1.8 Ghz., 2.256 GB RAM, Sys X.3, 80 GB HD, Internal CD/DVD-RW, External 100 MB Zip. 18" Mitsubishi Diamond Plus 91, Flat CRT (Calibrated for CMYK Press Color).

**Mac Work Station #2** - Apple Power Mac G4 Mini, 1.42 Ghz, 1 GB RAM, Sys X.3, 80 GB HD, Internal CD-RW/DVD-R, 19" Sony LCD

**Mac Work Station #3** - Apple Power Mac G4, 450 Mhz., 768 MB RAM, Sys X.2, 40 GB HD, Internal CD/DVD-ROM, External CD-RW, internal 100MB Zip, 17" NEC Flat CRT (Press Calibrated).

**Mac Work Station #4** - Apple Power Mac G3, 233 Mhz., 448 MB RAM, Sys 9.2.2, 10 GB HD, Internal CD-ROM, Internal 100 MB Zip, Internal 3.5" Floppy. Apple 16" CRT. Microtek ScanMate 8700 desktop scanner with transparency adaptor (Optical Resolution = 2400x1200ppi).

### Prepress Software

QuarkXpress 6	Adobe InDesign CS
Adobe Photoshop CS	Adobe Pagemaker 7
Adobe Illustrator CS	Extensis Suitcase X1
Macromedia Freehand MX	Fetch Softworks FTP Client
Adobe Acrobat Professional 7	Microsoft Office 2004 (includes Word, Excel and Powerpoint)

**RIP Station** - IBM xSeries 220, Windows NT server, dual 1 Ghz Pentium processors and 2 GB RAM. Equipped with Heidelberg MetaDimension 2.6 CtP RIP, Printopen 4.0 Color Manager, SuperTrap 3.0 PDF based auto-trapping software and Komori Bladsetter CIP3 data Ink Profiler.

**Matchprint Device** - Hewlett-Packard DesignJet HP10, 700 x 1400 dpi continuous tone 6-color inkjet printer. Maximum image area 12 x 18 w/ bleeds. Fingerprinted to presses by Spectrophotometer and ICC Calibrated for consistent and accurate color communication.

**CtP Output Device** - Heidelberg ProSetter 52, 3600 dpi violet laser Platesetter. Images 16 aluminum 6-mil printing plates per hour at 200-line screen. Capable of line screens in excess of 300.

**Plate Processor** - Heidelberg Raptor MP 68, Chemically processes laser imaged plates from the ProSetter 52.

### Press

**Komori L520** five color offset press- Maximum sheet size of 14 x 20. Used for three, four and five color work and all critical 4 color process work up to 13 x 19 w/ bleeds. Extensive automated features include Integrated Control Console with touch panel screen for simple control of Presets, Registration and all automated functions. CIP3 Inking Profiles from prepress, Automatic Plate Changers, Blanket Washers and Ink Roller Washers for quick, efficient make-readys and job change-overs.

**Shinohara 52 II P** two color offset press - Maximum sheet size of 14 x 20. Used for two and three color work up to 13 x 19 w/ bleeds. Also used for perfecting (printing 2 sides in 1 pass) non-critical single color work.



**(2) Heidelberg QM 46 two color offset presses** - Maximum sheet size of 12 x 18. Used for critical two and three-color work and non-critical 4-color process work up to 11 x 17 w/ bleeds as well as all envelopes. Features include Laser-Slit ink fountains, Automatic Plate Changers and Blanket Washers for quick, efficient make-readys and job change-overs.

**C-9000 Universal Envelope Feeder** - Used in conjunction with the Heidelbergs to print all styles of envelopes ranging from 3 x 5 to 10 x 13. Short and long runs, 1-4 colors including 4 color process.

*\*Maximum paper thickness for all presses is 16 pt. Stock*

## **Digital Imaging**

**Canon ImageRunner 550 EFI Fiery 2.0 digital B&W printer** - Prints at 55 images a minute up to 11 x 17 w/ variable data capability. Networked to all computers.

**Konica/Minolta CF3102-C350 Fiery X3e digital color printer** - Prints at 8 images per minute up to 12 x 18. Networked to all computers

## **Bindery**

**Polar 78x High Speed Programmable Cutter** - Features "cut & record" that stores up to 60 cuts while setting up a job and automatically creates program which allows for efficient setups. The PolarX can store up to 198 programs and also features a high speed back gauge that travels at an extremely fast 7.9" per second, which provides the highest productivity.

**EBA 30.5" Programmable cutter** - Automatically cuts up to 10 cuts to 1/64" per lift.

**Kluge 12 x 18 auto-feed vertical press** - Perfs, Scores, Numbers and die cuts sheets up to 12 x 18

**Watkiss Vario 10 bin friction fed collator** - Collates up to ten 14 x 20 sheets per pass. Also equipped with a stitch/fold unit for high speed production of saddlestitched booklets.

**Baum 714 tabletop folder** - Folds sheets up to 14 x 20 a maximum of 3 parallel folds.

**MBO 17" x 22" floor model folder** - Folds sheets up to 14 x 20 a maximum of 4 parallel folds. Also equipped with a right angle unit capable of 4 additional folds perpendicular to the first folds. Additional batch counting capability.

**Challenge single spindle drill** - Drills any number or holes of varying sizes in sheets up to 14 x 20.

**Challenge padding presses** - Used for padding carbonless forms and chipboard-backed notepads.

**Count 110 tabletop numbering machine** - Numbers in any number of positions on sheets up to 8.5 x 11.

**Interlake floor model stitcher** - Used to staple pre-collated sets and saddlestitch booklets over 40 pages.

**Shrink Wrapper with tunnel** - Used to shrink wrap finished work in pre-determined quantities.

## **BUCHANAN PRINTING & GRAPHICS, INC.**

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