



MackayMitchell

Envelope Company®

Prepress Equipment List

HARDWARE:

- 2- Esko Spark Cyrel Digital Imagers (Iowa & Minnesota) 25" x 30" Photopolymer Digital Platesetter.
- 3- DuPont FAST photopolymer thermal processor.
- 2- Screen Digital Imager (Minnesota & Iowa) with a Windows XP RIP running Output Director software. Variable media size to a max. image area of 22" x 29 3/16".
- 1- Agfa Avantra Imagesetter (Portland facility).
- 1- Nexus RIP, Import and Processor packaging workflow system including Flexocal.
- 2- Nexus Signature Screening tower (Iowa & Portland facilities).
- 1- Artwork Systems WebWay soft-proofing server.
- 1- Apple G4 Xserve gigabit file server with Xserve RAID (3.5TB) and Retrospect 6.0.
- 1- Sony TSL-SA500C AIT Autoloader tape backup system.
- 1- BetaFlex 334 Flexo plate analyzer.
- 2- Epson 7900 Proofing printers with external XRite Spectrodensitometers using Oris color proofing software (Minneapolis & Iowa).
- 1- HP800 DesignJet 42" plotter.
- 1- HP9500 LaserJet duplex 11x17 color printer.
- 2 - iMac 27" Quad Core Intel i7, 2.8 GHz, 8 gb RAM, 1tb Serial ATA drive running OS X.
- 1- Mac Pro Dual Core Intel, 2.66 GHz, 2gb RAM, 250gb Serial ATA drive running OS X.
- 2- Mac Pro Dual Core Intel, 2.66 GHz, 1gb RAM, 250gb Serial ATA drive running OS X (Portland facility).
- 4- G5/2.0GHz DP with 160gb Serial ATA drives, 1.5gb RAM with Super Drive running OS X.
- 1- G4/500 DP with 30gb IDE drive, 1.5gb RAM, internal ZIP drive with DVD-RAM running OS X.
- 1 - G5 iMac 2.0GHz with 220gb Serial ATA drives, 1.5gb RAM with Super Drive running OS X (Iowa facility).
- 2- G4 eMac 1.25GHz 80gb Ultra ATA100 drives with 768mb RAM with Super Drive running OS X (Iowa facility).
- 1- G3/450 with 9gb ultra2 hard drive, 896mb RAM, internal ZIP drive with 24x CD-ROM.
- 1- iMac G3/400 DV.
- 1- HP Business Inkjet 2800 13x19 printer (Iowa facility).
- 3- XRite Spectrodensitometers (500 & 700 series).

SOFTWARE:

We support the latest versions of the following software:

Adobe InDesign CS5
Adobe Photoshop CS5
Adobe Acrobat 9.3.4 Professional
Printbar Utilities (bar codes)

Adobe Illustrator CS5
Adobe Font Folio OTF
Fetch 5.6
Bar Code Pro (IMB)

QuarkXPress 8.02
Code 93 (Canadian)
Bar Code Systems

Our e-mail address in the prepress department is "prep@mackaymitchell.com".

All large graphic files (over 4mb) should be sent to our FTP site. Please call for instructions accessing this service.

If you have any questions, please call Dan Hedstrom at 612-331-9311 ext. 485 regarding this or any of our digital capabilities.



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Converting Equipment List

MINNESOTA:

Qty.	Manufacturer	Type	Print Capacity
1	F.L. Smithe	RA Web	4/1
4	Winkler & Dunnebier	527 Web	2/1
2	Winkler & Dunnebier	241**	2/1
1	F.L. Smithe	RA HIS Non Web	2/1
1	Winkler & Dunnebier	627 Non Web	2/1
3	Winkler & Dunnebier	627 Tetraflex Web CI with dryers	4/1
1	Winkler & Dunnebier	MK4	2/1
1	Winkler & Dunnebier	214 Litho (Offset) Press	4/0
7	Halm	Jet Imprinter	2/0 (Perfect capabilities)

IOWA:

Qty.	Manufacturer	Type	Print Capacity
1	F.L. Smithe	SW w/ dryers	6/1
1	F.L. Smithe	RA Web	2/1
1	F.L. Smithe	RA Web	2/1 + in-line Tint-a-Web System
1	F.L. Smithe	RA Web	4/1 + in-line Tint-a-Web System
1	F.L. Smithe	RA Web	4/1
6	F.L. Smithe	RO Web	4/1 and one 4/2
2	F.L. Smithe	HD Diagonal Web	2/1 or 3/0
1	F.L. Smithe	RA HIS Non Web	2/1
2	Halm	Jet Imprinter	2/0 (Perfect capabilities)
1	Winkler & Dunnebier	241	2/1
4	Winkler & Dunnebier	102 Web	2/1 or 3/0
2	Winkler & Dunnebier	102 Web	3/1 or 4/0
1	Diamond	Envelope Imprinter	2/2
2	Sanden	Litho Web with UV	9 color/24" repeat (12 cylinders) 6 color/26" repeat (6 cylinders) 9 color/28" repeat (9 cylinders)

**Web and non-web folding of booklet and open end envelopes only.

Excluded are a variety of wide range, open end and coin machines: off-line printing units and program die cutters. In addition, Honsel folders support our MackayMitchell Photopak Photo Bag Division.



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Converting Equipment List

PORTLAND:

Qty.	Manufacturer	Type	Print Capacity
2	Winkler & Dunnebier	MK 4	2/1
1	F.L. Smithe	MO	2/0
1	F.L. Smithe	SO	
1	F.L. Smithe	RO Web	4/1
1	F.L. Smithe	RA Web	2/1
2	Winkler & Dunnebier	527 Web (with feeder)	2/1
1	Winkler & Dunnebier	212 Litho (offset press)	2/0
1	Winkler & Dunnebier	10-E Mag	4/1
3	Halm	Jet Imprinter	2/0 (Perfect capabilities)