Pre-Press

- Design department supports all PC and Macintosh Publishings including the New Adobe Creative Cloud
- Secure FTP website for uploading files
- In-house thermal image setter for screen printing
- DuPont Fast CTP for flexo printing plates
- G7 certified Epson Stylus Pro proofer to help color management between screen, flexo, digital and offset

Screen Printing

Thieme 50/50 5 color in-line

Key Characteristics
- Maximum sheet size: 55” x 71”
- Speed: 400 sheets per hour
- Set-up time: 45 minutes
- Substrates: ridge and carrier substrates - no banner materials
- Resolution: standard is 65 and 85 LPI
- Ink: UV

Key Features and Benefits
- Fastest printing press in our building
- Five heads allow a spot color to be added to four color process prints
- UV ink ensures longer outdoor life
- Capable of printing on adhesive vinyl, static cling, floor graphic materials, and paper board

Other Screen Printing Equipment

- Single color Thieme 30/40 press
  - maximum print size 39” x 55”
  - UV ink
  - wide range of substrates
  - 250 sheets per hour
- Single color Thieme 30/50 press
  - maximum print size 47” x 63”
  - UV ink
  - wide range of substrates
  - 250 sheets per hour

- Two single color M&R Saturn presses
  - maximum print size 24” x 36”
  - UV ink
  - wide range of substrates
  - 250 sheets per hour
AGFA Jeti Titan HS

**Key Characteristics**
- Maximum sheet size: 79” x 122”
- Speed: 160 m2/per hour
- Substrate: ridge or banner material
- UV inks

**Key Features and Benefits**
- Photo realistic print quality
- Full speed 6-color printing
- UV cured primer option for excellent ink adhesion
- Spot on registration for combo printing digital/screen

HP Scitex FB500

**Key Characteristics**
- Maximum sheet size: 48” x 120” ridge substrate
- Speed: express print 37 m2/per hour
- Substrate: ridge or banner material
- UV inks

**Key Features and Benefits**
- Six print heads plus white for printing on transparent substrate
- Roll to Roll option
- Print on demand press
**Digital**

**Konica Minolta 1070**

**Key Characteristics**
- Maximum media size: 13” x 19”
- Speed: 71 color pages per minute
- Substrate: Plain copy paper to 16pt cover stock
- High capacity paper feed trays
- Air knife belt paper feed system
- Stapling finisher

**Key Features and Benefits**
- 1200 dpi x 1200 dpi Resolution
- Double sided print
- Higher print position accuracy
- Color management utility

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**Roland XC - 540**

**Key Characteristics**
- Maximum media size: 54” wide on a roll
- Speed: Max 441 sqft/hr
- Substrate: Paper stock, adhesive vinyl View thru, vinyl banner and more
- Automatic media take up roll
- Six color printing for smoother gradients
- Versaworks RIP software

**Key Features and Benefits**
- Up to 1400 dpi x 720 dpi resolution
- CMYKLCLM Eco-Sol inks
- Water, scratch and UV resistant graphics
- Print and diecut capacity
**Key Characteristics**
- Maximum print size: 10” x 24”
- Speed: up to 500 feet per minute
- Substrate: 60/40 label stock to 12pt tag stock
- 8 colors
- Water based ink
- UV varnish or overlaminate

**Key Features and Benefits**
- In-line die cutting/finishing
- Double sided print
- Quick turn times
- Roll to roll or roll to sheet
- Opaque or transparent substrates

**Finishing**
- CC router cutter - 60” x 120”
- 40”, 54”, and 65” guillotine cutters
- Clam shell die cutter - 38” x 53”
- Rollem slitter
- Automatic spiral machine