



Equipment

Macintosh and PC Prepress Equipment

Baltimore Color Plate has 15 Macintosh and 3 PC computers networked to an Intel server with 500GB of storage. Files can be transferred by email or via our inhouse FTP site with full T1 service. Most Macintosh and PC graphic programs and formats are supported, including: Quark, Photoshop, Illustrator, Freehand, Pagemaker, PDF, and InDesign. MediaBank software is used for digital asset management.

Scanners

Baltimore Color Plate's flatbed and drum scanners are built by Dai Nippon Screen, a firm noted for their excellence in graphic art products. Currently, the scanning department consists of one DS SG757, one DS SG608 and a Cezanne Laser Scanner. Using advances in scanning technology such as Achromatic (GCR) separation and increased digital memory, these scanners produce superior image resolution.

Digital Camera & Studio

Baltimore Color Plate's Scitex Leaf Volaré digital camera produces professional quality photography. Supported by professional lighting equipment, the camera utilizes Scitex's color conversion software and hardware for the best possible results.

Imagesetter

The Scitex Dolev 800V imagesetter uses conventional or custom screen angles and outputs text, linework and color film separations at up to 32"x 43". Imposed layouts are created using Preps software. The 800V can punch film for automatic registration.

Platesetter

Our Lotem 400 from Creo enables us to use the latest in computer-to-plate technology to eliminate the need for film in the printing process. Imaging your files directly on the plate results in faster turnaround times and superior quality of your printed piece.

Digital Proofer

Powered by a dual processor Intel Server, the Epson Pro 9000 and Pro 10000 can output proofs up to 43"x 100' and backed-up bluelines up to 25"x 38". The proofing system has been calibrated to match Baltimore Color Plate's presses and outputs the contract proof for 4-color process printing.



6-color Komori Press with Tower Coater

Baltimore Color Plate's 6-color Komori press operates with the highest level of automation available, and runs at up to 15,000 impressions per hour. The 6-color press is equipped with an automated plate hanging and washup system, inline aqueous coating tower, Pierry infrared dryer and an extended delivery. The maximum sheet size is 20"x 28" and the maximum image area is 19.75"x 27.75".

2-color Komori Press

The 2-color Komori also contains a Pierry infrared dryer and automated plate hanging and washup system. The maximum sheet size is 20"x 28" and the maximum image area is 19.75"x 27.75".

4-color Ryobi, 2-color Ryobi, 2-color Hamada Presses

Our 4-color and 2-color Ryobi presses have a maximum sheet size of 14"x 20" and a maximum image area of 13"x 19". The 4-color Ryobi is equipped with an infrared dryer for faster drying times and an electronic control console that can adjust plate and ink settings and can also store makeready information for quicker start-ups. Our 2-color Hamada has a maximum press sheet size of 12"x 18" with a maximum image area of 11"x 17" and is used mainly for imprinting and envelopes.

Bindery Equipment

Our bindery is equipped with a 26" MBO folder with right angle attachment and a Moll perfing and scoring machine. Other equipment includes a 21" Baum folder with right angle and gatefold attachments, a Rossback Lynx collator/stitcher/trimmer, a Pivano 42" and a Prism 36" cutter, a Baum 3 hole drill, a traditional saddle stitcher and shrinkwrap machine.

Mailing Equipment

Rena Envelope Imager III and Rena XPS Protab.