

# Art Related Technology

## Image Scanning Services

Scanning of photographic or line-art originals for a variety of usages, including color printing, black & white printing, multimedia and the Internet. Once scanned, the image can be manipulated in a variety of ways and used over and over again in your layouts without having to make separate halftones or stats. ART offers a variety of scanning methods, with the most common listed below. If you are unsure of the type of scan you need, consult with ART's scanning staff.

### Line Art:



Used for black and white originals with no gray values. One round of cleans is included in price. Size indicated is the final size of the scan.

**Note:** One-bit line art scans, since they are not halftoned at output, should be scanned at the same resolution as the output device.

Line Art	3x5	5x8	8x10	8x14
FPO (300dpi)	9.00	9.00	14.00	18.00
Repro (1200)	20.00	25.00	45.00	—

### Grayscale:



Used for toned, black and white or color originals, such as photographs. One round of cleans and contrast correction is included in price. Size indicated is the final size of the scan.

**Note:** Line screen or frequency (lpi) is different from scan resolution (dpi). A grayscale scan is **halftoned** at the output stage. This halftone is made up of halftone dots which are then composed of output device dots. It is due to this "rounding" that scans do not need to match the resolution of the output device.

Grayscale	3x5	5x8	8x10	8x14
FPO (100dpi)	12.00	20.00	30.00	41.00
65 line (130)	15.00	22.00	35.00	56.00
85 line (170)	17.00	24.00	37.00	58.00
100 line (200)	20.00	27.00	40.00	61.00
120 line (240)	25.00	30.00	48.00	68.00
133 line (266)	25.00	30.00	48.00	68.00
150 line (300)	25.00	30.00	48.00	68.00

### Color:



Used for color originals, such as photographs and color artwork. Scans can then be placed directly in your favorite application, or included in your multimedia or Internet projects.

Size indicated below is the final size of the scan. Scans from previously halftoned originals will be subject to a descreening charge.

**High-Resolution CMYK scans must be signed off by client before leaving ART. We suggest having a MatchPrint made from the scan.**

**Low Resolution** 72 - 100 dpi  
**High Resolution** 100 - 340 dpi

Color	3x5	5x8	8x10	8x14
RGB LoRes	15.00	22.00	33.00	44.00
RGB HiRes	30.00	38.00	76.00	Quote
CMYK LoRes	15.00	22.00	33.00	44.00
CMYK HiRes	30.00	38.00	76.00	Quote

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### Turnaround Times:

**Normal:** 24 Hour Turnaround 100%  
**Rush:** 4-24 Hour Turnaround 150%  
**Flash:** Four Hours or Less 200%

### File Formats

TIFF (Tagged Image File Format) .TIF  
 EPS (Encapsulated PostScript) .EPS  
 PICT (Macintosh PICT) .PICT  
 GIF (Graphics Interchange Format) .GIF  
 JPEG (Joint Photog. Experts Group) .JPG  
 BMP (Microsoft Bitmap) .BMP  
 PCX (Paintbrush Bitmap) .PCX

The formats listed above are the common bitmap formats. Other formats are available.

### Additional Services

Dust & Scratches cleanup  
 Cloning  
 Image Composition  
 Color Adjustment  
 Special Effects  
 File Format Conversion  
 Outlining bitmap to vector conversion  
 Duotone Creation  
 Silhouetting

Other services available. Please ask.

### Delivery

Courier Prices vary by area  
 E-mail no charge  
 BBS no charge  
 You may also pick up your files at ART.  
 There is a \$2.00 charge for diskettes.  
 ART does not sell Syquest or Zip cartridges for storing scans.

### Related Items

OCR Scanning .....►  
 The ART Electronic Velox .....►  
 Halftones .....►  
 Imagesetting .....►



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