

Desktop Publishing Information Sheet

Desktop Publishing Services

Tennyson Graphics provides a comprehensive desktop publishing and pre-press service, including design, editorial, proofing, art, typesetting and film production. We use Macintosh & IBM compatible computers and Scitex R300 Workstations for page layouts and graphic/artwork manipulation in conjunction with the Scitex Bridge for Postscript RIP, then use the IRIS color proofer for print-quality proofs. Generally, films are output using the Raystar laser plotter, or for large format work we use the Scitex laser plotter.

Our professional services include:

- Graphic design
- Scanning
- OCR scanning
- Typesetting
- Page manipulation and layout
- HTML and Windows Help Systems
- Digital Proofing
- Film output
- File conversion

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Scanning

Tennyson Graphics has a comprehensive range of scanning devices, so we can be sure to use the best scanner for the particular purposes. Our strength lies in the large format, high resolution areas:

- **High resolution** - scanning from transparencies, reflection art or color negatives is done on the Scitex 342L Smart scanner up to 300mm x 430mm, with resolutions up to 2540dpi.
- **Large format color** - images are scanned on our Contex drum scanner with maximum width of 841mm and continuous length in resolutions up to 800dpi.
- **Large-format B&W** - images up to 1010mm x 1850mm are scanned on the highly accurate Scitex electronic laser scanners (right) in resolutions from 100dpi to 2540dpi.



- **OCR Scanning** - Optical Character Recognition is the process of turning an image into computer-editable text. An image is an electronic picture of text such as a scanned paper document or an electronic fax file. Using our Canon DR-3020 Tennyson Graphics can quickly convert your paper documents into a text file. Text can be output in most common file formats, such as html, ASCII, Text Only, Rich Text Format, WordPerfect, dBase, Quattro Pro, Lotus 123, and Microsoft PowerPoint, Excel, Word, and PageMaker, and many others.
- **Digital Camera** - images can also be captured using our digital camera.

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Page Layout

Document layout involves word-processing, typesetting, importing graphics and photographs using our high-resolution scanners which are then touched up and color-corrected to specific colors to be used in documents.

By request our art department can create graphic images to customer's specifications.

All popular platforms and file formats from the favourite desktop publishing software like PhotoShop, QuarkXpress, Publisher, Freehand, LivePicture, PageMaker etc are supported. We can also handle and import into documents AutoCAD and Microstation file formats, which also can be manipulated to desired specifications.

Finished pages/documents are proofed using our IRIS color proofer, and then output to film or file ready for dispatch to your printer anywhere in the world.

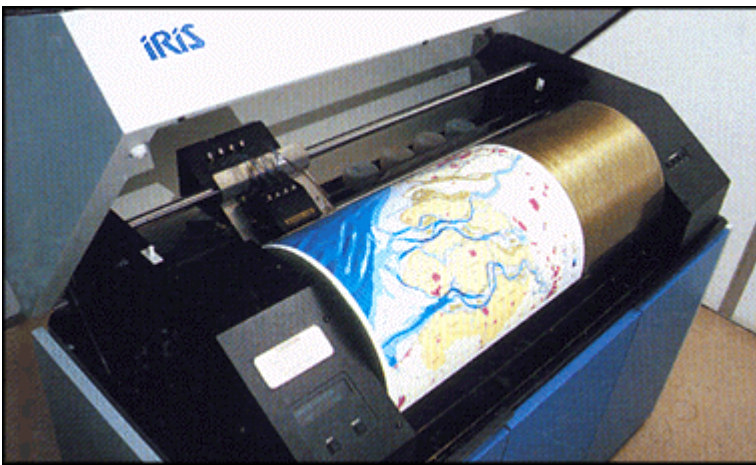


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Digital Proofing

Tennyson Graphics uses the IRIS color proofing system for digital color proofs. Our maximum sheet size is 841 x 1189mm (A0 size) for gloss, matte or semi-matte paper stock. We can print onto various other media including canvas and linen.

Being a digital proofing system infers that no film is needed unlike chemical or machine proofing systems. The color profile has been matched closely to Chromalin proofing, other color profiles can be easily produced if required.

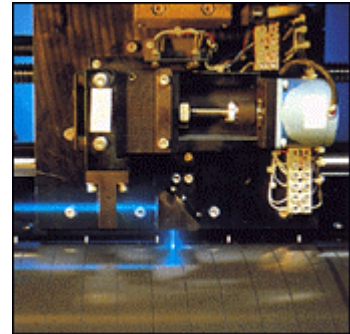


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Film & File Output

Tennyson Graphics uses three Scitex electronic laser drum plotters and a Raystar smaller-format flatbed plotter to output highly accurate film.

- **Film output** - after final approval of the artwork or proof, the large-format Scitex Electronic Laser Plotters and the smaller format Scitex Raystar Plotter are used for final film output, to client and printer specifications. Maximum film size is 1010x1850mm, however we have experience in accurately splicing several films together to a maximum size up to 3000mm x 3000mm. Screen rulings and registration are controlled digitally for utmost accuracy. Maximum output resolution is 2540 dpi. This enables Tennyson Graphics to supply film screens up to 300 lpi, positive or negative on film thicknesses of 4 thou or 7 thou. Accuracy of our laser plotters is ± 25 microns over the entire plot area of 1010mm x 1850mm.
- **Quality control** - not only does Tennyson Graphics keep a clean and temperature controlled darkroom environment, but we own and operate several sophisticated measuring devices to keep check on the quality and accuracy of our film output. These include: a Leitz HM-LUX 3 Microscope, with up to 40x magnification; a DM-500 Densitometer to check film density and screen percentages; an RJS AutoScan to accurately measure line weights; and periodically we have our films independently measured to check and maintain our accuracy standards.
- **File conversion** - we have the ability to convert all documents, scans or graphic images into most file formats in any platform used. [Click here](#) to see our list of convertible formats. All documents and images can be transferred onto CDROM, 1600bpi magnetic tape, 5.25" or 3.5" Mac/IBM compatible disks, Jaz drives (1 GB only), Zip drives, SyQuest cartridges, TAR tapes or via email.
- **File output** - we can output files in a huge number of formats. [Click here](#) to download an exhaustive list of the file formats Tennyson Graphics can convert and output.





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Further Information & Links

Downloads

[Desktop Publishing information contained on this website \(Microsoft Word\)](#)

Contacts

[Tennyson Graphics International Pty Ltd](#)