

Quality
Computer-to-Film
Technology
For Screen Printers

Screen-WriterTM 3



The ScreenWriter 3 provides quality, econo

Designed specifically for screen printers in need of high-quality, fast turn-around film positives.

The Complete Solution for:

- Computer-to-Film
- Camera-Ready Art
- Proofing
- Laser Printing

XANTE'S® ScreenWriter 3 is the perfect way to produce quality film positives for all kinds of specialty items such as T-shirts, caps, cups, and much more! The ScreenWriter 3 comes with a standard resolution of 600 x 600 dpi, upgradeable to 1200 x 1200 dpi, Adobe PostScript 3, and oversized output up to 13" x 35.5". The ScreenWriter 3 uses XANTE's patent pending X-ACT™ to print accurate, film color separations. It's also great for a wide range of other uses, from monochrome laser printing to camera-ready art and proofing.

Saves Time and Money

Myriad film costs a fraction of traditional film when considering the price of camera equipment, processing equipment, and chemicals! And, since the ScreenWriter 3 prints directly on film which can then be processed with the FilmStar™ 2, screen printers can eliminate darkroom procedures, saving a great deal of time and labor. The ScreenWriter 3 and the FilmStar 2 also eliminate the need for outsourcing camera work and film positives. You no longer have to pay \$10-\$20 for camera work and film that can be produced in-house with the ScreenWriter 3 and FilmStar 2!



Quality Oversized Printing

Image Myriad film up to 13" x 35.5". These page sizes give you the flexibility to print a variety of output on film, plain paper, and velum. And, the wider image area is just right for printing t-shirts—screen printers no longer have to limit the size of their designs because their equipment won't accommodate their needs. The ScreenWriter 3's oversized printing capabilities also reduces the need for tiling.

High Resolution Up To 1200 DPI

Print 600 x 600 dpi, or upgrade to 1200 x 1200 dpi, for near type-set quality text, line art, and grayscales. This high-resolution is perfect for critical screen printing jobs that demand detailed image.

mical desktop film.

XANTÉ's Accurate Calibration Technology (X-ACT)

XANTÉ's patent pending Accurate Calibration Technology gives you precise control over horizontal and vertical dimensional accuracy ensuring output of unmatched quality. This feature overcomes a dimensional inaccuracy which is a limitation common to all electrophotographic laser devices, giving users a new level of control over their printed output. Without X-ACT™, dimensional accuracy of output on a 17" image can range as much as 1/3". The X-ACT technology provides you with an easy, convenient way to calibrate your XANTÉ ScreenWriter 3 to unequaled accuracy.

Myriad Film

Myriad Film is a polyester based film that provides quality film-making at a fraction of the time and cost of traditional methods. Screen printers can print right-reading, emulsion side up designs and text on film and process it directly from their desktop environment.

Positive Film Technology

• Dot Gain Calibration

A critical technology for professional screen printers is the ability to generate consistent grayscales and control dot gain. XANTÉ's Dot Gain Calibration allows you to easily adjust the gamma curve from the ScreenWriter 3 front panel, PPD or from XANTÉ's Command Center application to receive the highest accuracy possible from screened images. XANTÉ also supports the use of densitometers with Custom Dot Gain Calibration. This means screen printers can use laser output to linearize the ScreenWriter 3 so that screened images remain consistent from start to finish, regardless of varying ink, media, or environmental conditions.

• Density Control

Density Control allows you to control the intensity of toner used for positive film output.



- No darkroom
- No processing film

From concepts to film – the ScreenWriter 3 allows you to maintain full control over your jobs while saving you time and money. With computer-to-film printing, last minute changes are as easy as set and print, and you can still meet your deadlines!



Horizontal and Vertical Image Control

Horizontal and vertical image control allows you to adjust image placement on media horizontally and vertically regardless of limitations set by your application.

Screen-Writer³ Specifications

| | |
|---------------------|--|
| Print Speed | 10 pages-per-minute (letter/A4) |
| Resolutions | 600 x 600 dpi; 1200 x 1200 dpi optional |
| Processor | NEC VR4300 133 MHz RISC |
| Memory | 16 MB; 16 and 64 MB SIMM options for expansion to a maximum of 256 MB |
| Toner | Single Unit |
| Cartridge Life | 14,000 sheets, (letter; 5% coverage) |
| Media Handling | Letter; legal; ledger; 13" x 18.5" (12.75" x 18.42" print area); 13" x 25"* (12.75" x 24.72" print area); 13" x 35.5"* (12.75" x 35.23" print area); A3; A4; B4; B5; COM 10; Monarch; DL; C5; Executive Available in the following sizes: Letter; A4; Ledger; A3; 10" x 15"; 11 3/4" x 18"; 12" x 18"; 12" x 25"; 13" x 18.5"; 13" x 25"; 13" x 35.5" |
| Myriad Film | 16 to 36 lbs (60 to 135 g/m2) |
| Media Weights | 500-sheet cassette and a 150-sheet multipurpose feeder |
| Standard Input | Optional paper feeder for the addition of a 500-sheet cassette (2 optional paper feeders may be installed for a maximum input of 1,650 sheets) |
| Optional Input | Optional envelope cassette (capacity of 75) |
| Standard Output | 500 sheets maximum, face down |
| Dimensions | (W) 22.8" (580 mm) (D) 23.68" (602 mm) with cassette (H) 16.24" (413 mm) |
| Weight | 73.3 lbs (33.2 kg) |
| Power Requirements | 100 V type: 100 V AC (min. 90 V, max. 132 V), 50/60 Hz |
| Noise Level | Printing - less than 49.5 dB; Standby - less than 35 dB |
| Printer Languages | Adobe® PostScript® 3™; HP® PCL® 5E** |
| Typefaces | 136 resident PostScript Typefaces; TrueType 42 font rasterizer; Types 1, 3, 4, 5, and 6 PostScript download font support |
| Standard Interfaces | Simultaneously active - LocalTalk®, parallel, and RS-232 serial; Optional Internal IDE; Optional 10 BaseT/Thinnet Ethernet® (EtherTalk®, Novell® NetWare®, TCP/IP); Optional 100 BaseT Ethernet** |

All specs subject to change without notice.

*At 600 dpi, additional memory is required to print page sizes over 13" x 18.5"

**Call for availability

Myriad
Polyester Film

FEATURES

High Resolution

Print 600 x 600 dpi, or upgrade to 1200 x 1200 dpi for near type-set quality text, line art, and crisp grayscales for jobs that demand high-quality output.

Adobe PostScript 3

True Adobe PostScript 3 offers reliability, increased performance, and the assurance of compatibility to work from virtually any software application and hardware environment.

Oversized Printing Format

Image Myriad film and paper up to 13" x 35.5" for a wide variety of screen printing applications.

XANTÉ's Accurate Calibration Technology (X-ACT™)

XANTÉ's patent pending Accurate Calibration Technology gives you precise control over horizontal and vertical dimensions on page images ensuring unmatched output accuracy.

High Speed Controller

The NEC VR4300 133 MHz RISC processor coupled with XANTÉ's technology enables complex files to print incredibly fast.

Dot Gain Calibration

Provides gamma control to adjust screened image values to help compensate for dot gain. Custom Dot Gain Calibration provides densitometer support to calibrate printer output for specific ink, media, and environmental conditions.

Density Control

Allows you to control the intensity of toner used for positive film output.

Myriad Film

Polyester-based Myriad film is developed specifically to create quality film directly from the desktop.

Horizontal and Vertical Offset

The Horizontal and Vertical Offset allows you to adjust the placement of an image to ensure that it is aligned correctly on the film.

Mirror Print

Allows you to print a job from any application so that the image is reversed from left to right providing right reading, emulsion side down output.

136 PostScript Typefaces

XANTÉ's ScreenWriter 3 offers a wide range of typefaces, eliminating the need for large font libraries.



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Adobe® PostScript® 3™

 **XANTÉ**
Prepress Innovations

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