AGFA

AGFA PRO FILM SYSTEMS

A new generation of inkjet computer to film systems that produce high-density images on clear Agfa film

An **Agfa 'Tuned' System** is the perfect solution for the Screen, Litho, Flexo or Pad Printer looking to bring film production in-house. The system is designed to replace dark room cameras or avoid the need for expensive image setters by creating film separations with dense black solids, crisp line art, and conventional halftone screens. The Agfa System is a cost effective, chemical free, non light sensitive inkjet solution that achieves near image setter quality and excellent registration due to the thermo-stabilised polyester base; this is the same base Agfa uses for it's image setter films.

In addition, there is no heat to shrink your films, there are no dangerous chemical baths and no post processing needed to achieve a high density. Once imaged the film is extremely durable so when you store it, it will not fade or turn yellow. A choice of Agfa tuned systems from 17" - 44" are available allowing you to select the model that is perfect for your needs.

FEATURES

- Wasatch RIP
- Wasatch precision rosette screens
- Dense film imaging technology
- Auto nesting and layout of film
- Active film sub layer
- Agfa calibration

BENEFITS

- Saves time and money
- In-house large format film production
- Powerful and compatible workflow
- Flexible output options
- Reliable and low maintenance
- The perfect package

Specifications: Agfa Inkjet Film Systems

	Agfa 17 Pro Film System
Imaging Device	Agfa Tuned Epson Film Printer
Imaging Modes / Production Speed per A3 Full Image	Fast - 4.5mins • High Quality - 8mins • Super High Definition - 28mins
UV Blocking Ink	110ml per cartridge
Cartridge Life	733 films (A3 film at 15% coverage)
Film Handling	Maximum film size - 420mm x 30m (17" x 100ft)
Film Feed	Roll or sheet feed
Built-in RIP Memory	1GB RAM
	Agfa 24 Pro Film System
Imaging Device	Agfa Tuned Epson Film Printer
Imaging Modes / Production Speed per A3 Full Image	Fast - 4.5mins • High Quality - 8mins • Super High Definition - 28mins
UV Blocking Ink	110ml per cartridge
Cartridge Life	733 films (A3 film at 15% coverage)
Film Handling	Maximum film size - 610mm x 30m (24" x 100ft)
Film Feed	Roll or sheet feed
Built-in RIP Memory	1GB RAM
	Agfa 44 Pro Film System
Imaging Device	Agfa Tuned Epson Film Printer
Imaging Modes / Production Speed per A3 Full Image	Fast - 4.5mins • High Quality - 8mins • Super High Definition - 28mins
UV Blocking Ink	220ml per cartridge
Cartridge Life	1466 films (A3 film at 15% coverage)
Film Handling	Maximum film size - 1118mm x 30m (44" x 100ft)
Film Feed	Roll or sheet feed
Built-in RIP Memory	1GB RAM

FEATURES

Wasatch RIP - The heart of an Agfa Tuned System is the SoftRIP SP. This gives you complete assurance of the best performance and compatibility available. It accepts jobs from Mac's and PC's; it will interpret your job and simulate a conventional image setter's output with all the standard settings; this allows control over the size, frequency and angle of the dot along with the density of the solid. The RIP then delivers this image to the inkjet, controlling the delivery of the image to ensure crisp text, sharp lines and moiré free halftones with dots (Ellipse, round, Euclidian or line).

Wasatch Precision Rosette Screens -Specially engineered sets of Postscript screens for producing perfect centre filled rosettes, enabling moiré free film separations for colour work.

Dense Film Imaging Technology - When a film-imaging configuration is selected the Wasatch RIP changes the electronic pulse sent to the imaging device so instructing the print head to deliver more ink for a better denser image.

AutoNesting and Layout of Film - The Wasatch RIP allows you to conserve film by nesting jobs across a sheet to reduce wastage or letting you re-arrange how the jobs fit on the sheet yourself.

Active Film Sub Layer - The Agfa inkjet film has a high definition receptive coating made up of a microscopic honeycomb conduit layer. This porous layer draws the ink into the surface of the film to a special active sub-layer where a crystalline substrate reacts with the ink and further enhances the UV blocking characteristics of the ink.

Agfa Calibration - The Agfa film systems all have pre-built calibration curves for the most popular Postscript screens compensating for dot gain; users can further enhance these calibrations or add their own for accurate colour reproduction.

BENEFITS

Saves Time and Money - All Agfa Tuned film systems are versatile and complete systems ready for film creation; they also allow you to proof and image posters straight from your Mac or PC desktop. Agfa film costs a fraction of traditional camera, image setter or thermal films when considering the price of equipment, processing and chemicals. And, since an Agfa Tuned System prints direct from your desktop, you can eliminate darkroom or other procedures saving a great deal of time and money. Finally inkjet technology is a very cost effective chemical free process with low maintenance and extremely low service costs at later dates.

In-House Large Format Film Production - A choice of Agfa Tuned Film Systems are available; the Agfa 17, 24, and 44 systems produce film up to 30m in length and 17", 24" and 44" in width respectively. All Agfa Systems are designed to be easy to use and for even faster throughput of film up to four imaging devices can be used at the same time.

Powerful and compatible workflow – An Agfa Tuned Film System uses the Wasatch RIP's SoftRIP SP to accept jobs from any Mac or PC, either direct through a 'PRINT' command or as a Postscript, EPS, Acrobat PDF, JPEG or TIFF file. It also supports all pre-separated and separate-on-RIP workflows making it compatible with virtually any platform or job you could have.

Flexible output options – Not only do Agfa Tuned Film Systems produce dense black film with conventional screening algorithms, but they will also produce colour proofs, posters and banners on a range of media.

Reliable and Low Maintenance – Inkjet technology is a simple, robust, reliable and proven technology. After the initial warranty you can continue to expect your system to reliably produce film, but in the event of a problem you can rest assured that service charges or maintenance contracts for inkjet systems will be significantly less than image-setters or thermal systems.

The perfect package - The result is an Agfa System which delivers an image on to the highly acclaimed clear Agfa inkjet film, produced directly through inkjet technology without chemicals or post processing, which has much the same look and feel as image-set film but without the associated costs or chemicals.

AGFA EPSON WASATCH COMPUTER TECHNOLOGY

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