

A new generation of InkJet Computer to Film systems which produce high-density images on clear Agfa Film

# SelectJet *TUNED* Systems



## SelectJet Tuned Systems

A SelectJet 'Tuned' System is the perfect solution for the Screen Printer, Flexo, Nylo Plate or Pad Printer looking to bring film making in-house. The system is designed to replace dark room cameras or avoid the need for expensive image setters by creating film with dense black solids, crisp line art, and conventional halftone screens; SelectJet Systems are cost effective, chemical free, non light sensitive inkjet printers. All SelectJet Tuned Systems achieve near image setter quality, plus the Agfa SelectJet Film gives you excellent registration due to the thermo-stabilised polyester base, which is the same base Agfa uses for its image setter films. In addition, there is no heat to shrink your films, there are no dangerous chemical baths or 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 SelectJet tuned systems from 16" - 64" are available allowing you to select the model that is perfect for your needs.



SELECTJET 16	
Imaging Device	SelectJet Tuned Epson 4000
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 @ 15% coverage)
Film Handling	Film Size Minimum 229mm x 305mm Film Size Maximum 420mm x 30m (16.5"x100ft)
Film Feed	Roll or Sheet Feed
Built-in RIP Memory	512Mb RAM
SELECTJET 24	
Imaging Device	SelectJet Tuned Epson 7600
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 @ 15% coverage)
Film Handling	Film Size Minimum 229mm x 305mm Film Size Maximum 610mm x 30m (24"x100ft)
Film Feed	Roll or Sheet Feed
Built-in RIP Memory	512Mb RAM
SELECTJET 44	
Imaging Device	SelectJet Tuned Epson 9600
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 @ 15% coverage)
Film Handling	Film Size Minimum 229mm x 305mm Film Size Maximum 1118mm x 30m (44"x100ft)
Film Feed	Roll or Sheet Feed
Built-in RIP Memory	512Mb RAM
PRO-SERIES SELECTJET TUNED 54	
Imaging Device	SelectJet Tuned Roland Hi-Fi Jet Pro 500
Imaging Modes / Production Speed per 1m sq.	Fast - 15mins/sqm High Quality - 30mins/sqm Super High Definition - 40mins/sqm
UV Blocking Ink	220ml per cartridge
Cartridge Life	1466 films (A3 film @ 15% coverage)
Film Handling	Film Size Minimum 210mm x 350mm Film Size Maximum 1371mm x 30m (54"x100ft)
Film Feed	Roll or Sheet Feed
Built-in RIP Memory	1024Mb RAM
PRO-SERIES SELECTJET TUNED 64	
Imaging Device	SelectJet Tuned Roland Hi-Fi Jet Pro 600
Imaging Modes / Production Speed per 1m sq.	Fast - 15mins/sqm High Quality - 30mins/sqm Super High Definition - 40mins/sqm
UV Blocking Ink	220ml per cartridge
Cartridge Life	1466 films (A3 film @ 15% coverage)
Film Handling	Film Size Minimum 210mm x 350mm Film Size Maximum 1625mm x 30m (64"x100ft)
Film Feed	Roll or Sheet Feed
Built-in RIP Memory	1024Mb RAM



## BENEFITS

**Saves Time and Money** - All SelectJet Tuned 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 SelectJet film costs a fraction of traditional camera, image setter or thermal films when considering the price of equipment, processing and chemicals. And, since a SelectJet 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 SelectJet Tuned Systems are available; the SelectJet 16, 24, and 44 systems produce film up to 30m in length and 16.5", 24" and 44" in width respectively. The Pro series of SelectJet Tuned 54" and 64" systems are designed for even larger film output where 54" and 64" film widths are available. All SelectJet 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** - A SelectJet Tuned System uses the Wasatch RIP's ImageNET 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 SelectJet Tuned 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 a SelectJet System which delivers an image on to the highly acclaimed clear Agfa SelectJet 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 associate costs or chemicals.

## FEATURES

**Wasatch RIP** - The heart of a SelectJet Tuned System is the Wasatch RIP. 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) ranging from 25lpi to 133lpi.

**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 SelectJet 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.

**Dimensional Accuracy** - A SelectJet printer is tuned by an engineer before it can be awarded the 'SelectJet Tuned' status; in addition optical sensors are used for registering the film and the Agfa SelectJet media has the same Thermo-Stabilised Polyester base for transport as Agfa's renowned range of image setter films giving outstanding registration and accuracy.

**Agfa Calibration** - The SelectJet 24, 44, and Pro Series of SelectJet Tuned 54 & 64 models 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.



SelectJet Tuned Systems are distributed in the UK and Ireland by:  
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