

MetiJet™ PS

The World's Premium, Presensitised Positive-working Inkjet Plate

Product Description & Application

MetiJet PS represents a breakthrough in CtP technology. It offers the robust performance of high-quality metal plates combined with low cost & simplicity of Inkjet imaging. The proprietary top-coat makes it the world's premium, presensitised positive-working long-run inkjet plate. MetiJet PS plates are designed to meet the needs of today's newspaper & book printers : best-in-class quality, high performance, ease-of-use and dependable consistency.

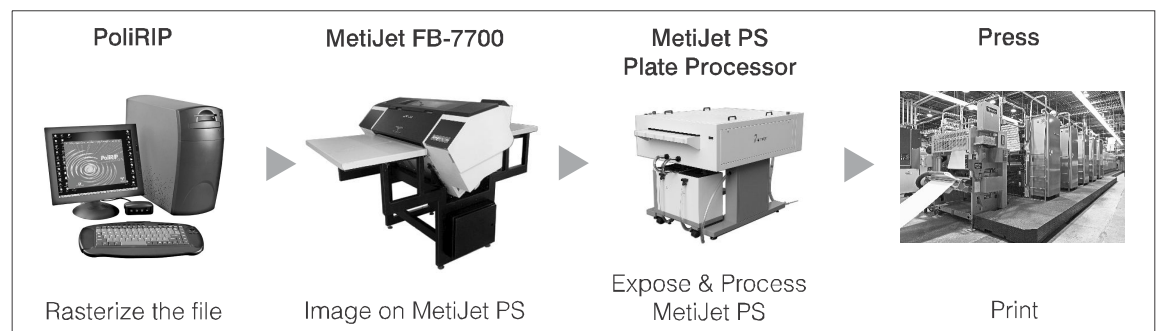
Features & Benefits

- Inkjet imaged, positive acting, electrochemically grained anodised aluminium plate
- Proprietary multi-layer top-coat ensures excellent dot resolution of 2 - 98%
- Consistent & dependable press performance eliminates downtime due to plate failures on the press
- Fast clean-up on the press minimises start-up & restart-up paper waste
- Excellent damping latitude helps maintain high ink density and low damp levels
- Highly affordable upfront investment. Payback period of a few months

Usage Instructions

- Plate Type : Inkjet imaged, electrochemically grained and anodized aluminium plate
- Coating : Proprietary multi-layer top-coat, inkjet sensitive, positive acting
- Gauge : 0.28 mm
- Maximum Width : 1030 mm
- Safe Light : Yellow
- Spectral Sensitivity : 360 - 420 nm
- Recommended Ugra : Clear 2
- Recommended Stouffer : Clear 3
- Micro-lines Resolution : 20 - 25 microns
- Processing : Conventional wet processing using recommended positive plate developer
- Run-length : Upto 1,00,000 impressions
- Storage & Handling : Unexposed plates must be stored in the original pack in a cool & dry environment.
- Recommended Conditions : 20°C to 25°C; 55% to 60% RH
- Shelf-life : For optimum results use prior to the "best before date" specified on the pack label.

Workflow



Recommended Processing Chemistry

- Manual Processing : Posidev Powder Developer (300 gms pack diluted in 5L water)
- Machine Processing : Posidev Powder Developer (300 gms pack diluted in 5L water)
- Processor Replenishment : Posidev Powder Developer (diluted suitably)
- Finishing : Unifin / NovaUniGum Finishing Solution
- Deletion : Jiffy Deletion Fluid
- Baking : Thermotect® Baking Solution
- Storage after Processing : Unifin Finishing Solution for storage up to 24 hours.

Technical data MetiJet InkJet CtP System

Models	MetiJet FB - 7700, MetiJet FB - 7900	MetiJet 9700, MetiJet 9900
RIP	PoliRIP V3.09 - 7700 / 7900	PoliRIP V3.09 - 9700 / 9900
Image Rendering	Halftone (screened 1-bit)	
	Contone (colour 8-bit)	
Screening	Standard PostScript Screening	
	Adobe Accurate Screening	
	TechNova Balanced Screening	
	TechNova PerfectBLEND Hybrid Screening	
Linearisation	Yes	
Press Dot Gain Compensation	Yes	
Advanced Scan LIGHT	Optional	
StripRITE Imposition	Yes	
Adobe InRip Trapping	Optional	
KoolToning Halftone Simulator	Optional	
System Requirements	Processor - Pentium IV	
	RAM - 1 GB + min	
	Hard Drive - 40 GB Free Space	
	Operating System - Windows XP Pro (or Windows 2000 Pro)	
Imaging Device	MetiJet FB - 7700, MetiJet FB - 7900	MetiJet 9700, MetiJet 9900
Imaging Technology	Advanced Micro Piezo™ TFP (Thin Film Piezo) drop-on-demand technology	
	Variable-sized Droplet Technology and 3.5 pl Ultra Micro Dot™	
Interfaces (Standard)	USB 2.0 (Compatible with 1.1) 10 / 100 MB Base Ethernet	
Operating Voltage	AC 100 V - 120 V version, 220 V - 240 V version	
Operating Current	1.0 A for 100 V - 120 V, 0.5 A for 220 V - 240 V	
Operating Frequency	50 - 60 Hz	
Power Consumption (Operating)	70 W max.	80 W max.
Dimension (w x d x h)	53" x 71" x 51.2"	73" x 26" x 48"
	1356 x 1803 x 1300 mm	1864 x 667 x 1218 mm
Weight (approx.)	120 kg / 264 lb	116 kg / 256 lb
Acoustic Noise Level	< 50 dB(A)	
Warranty	One year. For more information please refer to www.epson.co.in	
Plate Processor (optional)	MetiJet Integrated Plate Processor TCX 70	
Plate Exposure	UV light system (optional)	
Pre-wash	Rotary system	
Development	Dip-tank system	
Replenishment	Automatic	
Drier Type	Air knife	
Maximum Width of Plate	680 mm	
Operating Voltage	210 - 230 V AC	
Operating Current (max)	20 Amp	
Operating Frequency	50 - 60 Hz	
Dimension (w x h x d) (mm) (Including delivery tray)	1200 x 1060 x 3070 mm	
Weight (approximately)	500 kg / 1100 lb	
MetiJet PS	MetiJet PS Presensitised Positive-working Inkjet Plate	
Base Material	Electrochemically grained and anodised Aluminium plate	
Coating	Multi-layer system, inkjet sensitive, positive acting	
Imaging Fluid	Epson Ultrachrome™ HDR Ink	
Imaging Quality	133 lpi @ 2880 dpi with Epson Variable Dot Size Technology (max.)	
Operating Environment (Temperature and Humidity)	50° to 75° F (10° to 24° C) less than 30% RH	
Imaging Speed Newspaper (576 x 720 mm @ 1440 dpi and 100 lpi) (approx.)	15 plates per hour (bi-directional imaging) - 7700 / 9700 @ 1440X1440 dpi	
Max. Plate Width	610 mm	820 mm
Plate Thickness	0.28 mm	

TechNova's PoliJet team will assist you in commissioning and calibrating your system as well as your press to get the desired output. HelpDesk, online and onsite support are available from TechNova at all times.

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MetiJetPS/201207/01

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