

MetiJet™

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

Description & Application

MetiJet 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 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

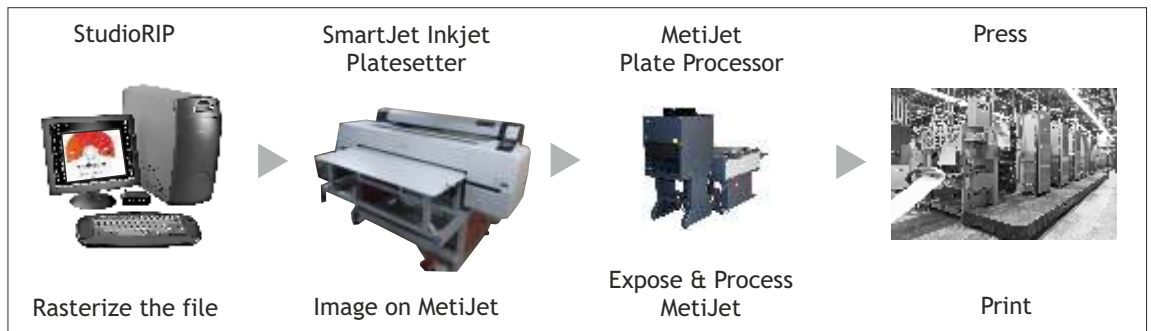
- Inkjet imaged, positive acting, electrochemically grained anodised aluminium plate
- Proprietary multi-layer top-coat ensures excellent dot resolution of 2 - 98%
- Consistent & dependable press performance eliminates downtime due to plate failures on the press
- Fast clean-up on the press minimises 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

Specifications

- Plate Type : Positive working, electrochemically grained and anodized aluminium Inkjet CtP plate
- Imaging Device : MetiJet Inkjet platesetter
- 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
- Processing : Conventional wet processing using recommended positive plate developer
- Run-length : Upto 1,00,000 impressions*
- Storage : Unexposed plates must be stored in the original pack in a cool & dry environment.
- Recommended Plateroom Conditions : 20°C to 25°C; 40% to 60% RH
- Shelf-life : For optimum results use prior to the "best before date" specified on the pack label.

*under recommended printing conditions

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

Imaging Device	SmartJet P10070
Imaging Technology	Advanced Micro Piezo™ TFP (Thin Film Piezo) drop-on-demand technology Variable-sized Droplet Technology and 3.5 pl Ultra Micro Dot TM
Ink Type	Epson UltraChrome™ PRO Ink
Ink Capacity	700 ml
Interfaces (Standard)	Hi-Speed USB & 1000BASE-T (Recommended) / 100BASE-TX
Operating Voltage	AC 100 V - 120 V version, 220 V - 240 V version
Operating Current	A for 100 V - 120 V, 0.5 A for 220 V - 240 V
Operating Frequency	50 - 60 Hz
Power Consumption (Operating)	95 W max
Dimensions	1880mm x 1500mm x 1100mm
Weight (approx.)	155 kg
Acoustic Noise Level	< 50 dB(A)
RIP	StudioRIP v4.1.199
Image Rendering	Halftone (screened 1-bit) Contone (colour 8-bit)
Screening	AM
Linearisation	Yes
Press Dot Gain Compensation	Yes
Advanced Scan LIGHT	Optional
Imposition	Post RIP Imposition
InRip Trapping	Optional
Plate Processor (optional)	MetiJet Integrated Plate Processor TCX 70
Plate Exposure	UV light system
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
System Requirements	Processor - Pentium IV
	RAM - 1 GB + min
	Hard Drive - 100 GB Free Space
	Operating System - Windows 7 Pro & above

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