

DPX 4 Eco

*Right-sized CTP,
Right for your business*



Eco Processing

Fully Automated

4-Up Format

Small Footprint



DPX 4 Eco

Computer to plate performance scaled right for your business.

The industry's first dedicated 4-up polyester platesetter is set to accelerate your business. The new DPX 4 Eco produces press-ready plates, from 12" x 12" to 26.77" x 29.7", with a minimum of operator intervention. The plates are automatically loaded, punched, exposed, processed, dried and ready to make you money.



Small Investment, Big Returns

With a DPX 4 Eco in your shop, you're turning out plates in a single, automated step, which speeds-up your entire production process. The results: You're more competitive in winning work and more profitable on every job you produce.

Because it uses Silver DigiPlate™ polyester plates, the DPX 4 Eco lets you enter the productive world of computer to plate at a fraction of the cost of metal CTP technology. That keeps your upfront and consumables costs affordable and makes your return on investment considerable.

Small Footprint, Big Quality

The DPX 4 Eco has a footprint of about 54" x 42", making it a perfect fit for small commercial and in-plant facilities where space is at a premium. Installation is fast and easy, because it can be brought in right through the front door.

The benefits of this high quality system become apparent as soon as you activate the DPX 4 Eco. Its advanced internal drum is precision machined from extruded aluminum to achieve the tightest tolerances. Its red laser diodes produce variable spot sizes for high-end results. And it images to the punch, in-line, for exceedingly accurate registration.

Flexibility is also on the agenda. The DPX 4 Eco exposes at resolutions up to 3000 dpi, automatically and dynamically adjusting the spot size by varying laser intensity and focus. This results in a perfect spot that gives you high quality plates.

Full Automation, Built for Speed

The DPX 4 Eco helps you keep pace with the quick turnaround demands of short run color jobs. It can output 35 four-up plates per hour at 1200 dpi, or 25 plates per hour at 2540 dpi — automatically.

Because the DPX 4 Eco images to the punch, it produces plates that mount on the press in register. That accelerates your pressroom make-readies by eliminating the need for several rounds of on-press adjustments.

Forget about time-consuming plate loading as well. The DPX 4 Eco utilizes 200-foot rolls of Silver DigiPlate, automatically cutting the material to the size of the job. Changing the Silver DigiPlate material is as simple as swapping out the empty core for a fresh roll. The DPX 4 Eco's loading system does the rest.

Environmentally Conscious Processing

The DPX 4 Eco uses a field-tested and proven "green" technology to deliver extremely stable plate development while reducing your chemistry usage and waste. Replacing a typical multi-bath processor, this unique technology coats a thin layer of Activator directly onto the plate. This extremely stable plate development process translates into a superior printed product. Add to that lower costs and time savings from reduced maintenance. This built-in, self-contained and highly efficient processor completes your CTP workflow automation, giving you a competitive edge while reducing your business' environmental impact.

The DPX 4 Eco does not require a water supply or drainage, making the system office or pressroom-compatible.

Streamline Your CTP Workflow

The DPX 4 Eco offers you a choice of front-end connections. It comes standard with a Harlequin based RIP, or we can custom design a workflow that precisely fits your operation. Any option you choose is flexible and easy to use.

With run lengths getting shorter and print pricing getting tighter, the DPX 4 Eco and Silver DigiPlate polyester plates combine to give you the speed you need and the flexibility you require, at a cost that will make you more competitive. Learn more about it by contacting Mitsubishi Imaging today.

"The DPX 4 Eco helps you keep pace with the quick turnaround demands of short run color jobs."

Technology	Digital Silver Halide Polyester
Recording	Internal Drum
Magazine	Two (second is optional)
Cassette definitions	16
Punch	Bacher 425 (Standard) Bacher 220 (Optional) Komori 550 (Optional)
Material capacity	Rolls up to 200' (61m)
Rip	RipMate 7.0
Exposure	
Light Source	Optic fiber 650-675nm Red Laser
Resolutions	1200-3000 dpi
Spot Size	10-26µm
Spinner Speed	62,500rpm
Screen Ruling	Max 175 lpi
Tint	3-97%
Tint variation over full exposure	± 1dot %
Plate Format	
Plate Thickness	8mil / 0.2mm
Minimum	12" x 12" (305mm x 305mm)
Maximum	26.77" - 29.7" (680mm x 754mm)
Image Definitions	
Maximum image format	25.78" x 29.4" (654.9mm x 747mm)
Image to image repeatability	± 0.0003" / 0.0075mm over 4 plates
Punch Register	
Punch to image repeatability	± 0.0007" / 0.0175mm
Processor	Integrated, eco coating development. No plumbing required.
Tank Capacity	Eco AC - 0.32 gal / 1.2 liters Eco ST - 1.72 gal / 6.5 liters
Replenishment	Active replenishment 3 x 10 liters replenishment containers, including water
Drain System	Overflow system to 26 liters waste tank – Drain pump to empty waste tank
Plate Dryer	Computer Controlled
Temperature Range	86-122°F / 30-50°C
Pre-Installation Data	
Dimensions	61.4" x 55.0" x 41.3" (1560mm x 1400mm x 1050mm)
Net Weight	1099 lbs (500kg)
Power Requirements	200 - 240 V, 50/60 Hz, 13A
Storage Environment	
Temperature	0-130°F / -18-54°C
Humidity	80% RH, non-condensing
Operating Environment	
Temperature	64-77°F / 18-25°C
Humidity	40-70% RH, non-condensing

POWERED by
Silver DigiPlate™

Value in Vision

The DPX 4 Eco polyester platesetter is one of dozens of innovations that Mitsubishi Imaging brings you. We're the industry leader in polyester plate technology. Our full range of platesetters and consumables enhance your production workflow. Our proofing papers set the standard for color consistency. In short, everything we do is designed to add value to your vision.



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