

POWERED by
Silver DigiPlate™

Value in Vision

The DPX 2 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. And 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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DPX 2

*Profitable color printing
at your fingertips*



True Internal Drum
Image to Punch
Complete Automation
Dual Magazine

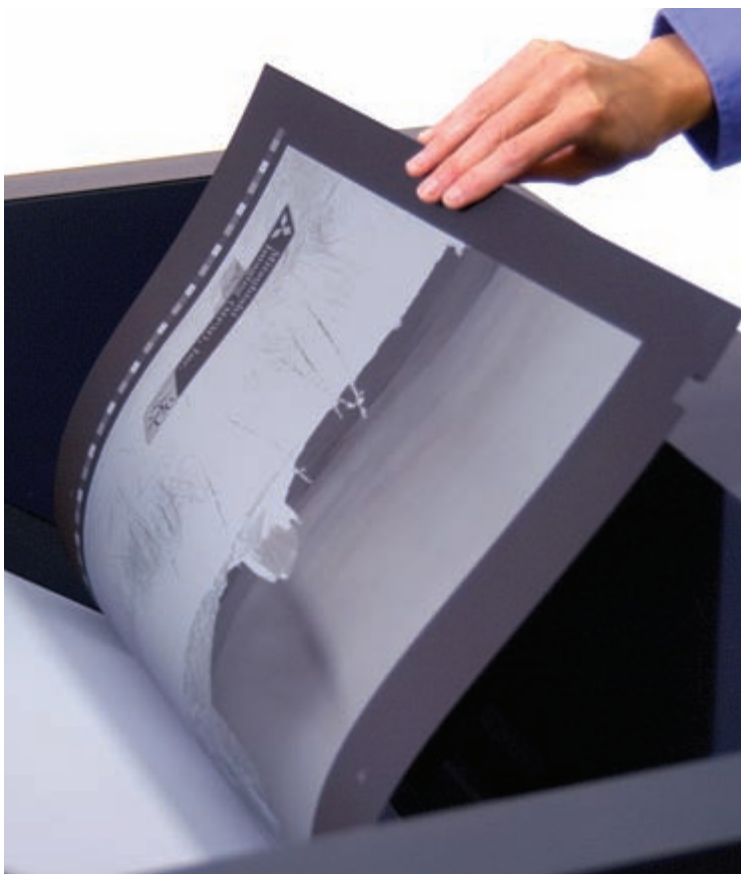


 **Mitsubishi
Imaging (MPM), Inc.**

DPX 2

Improve your competitiveness and expand your business.

Computer-to-Plate with Silver DigiPlate™ is the ideal technology for short-run, process color printing. The DPX 2 platesetter uses sophisticated and proven technology that savvy printers have been using to make money for years. To maintain your business in today's competitive marketplace you need a digital production system capable of increasing your productivity and reducing your turnaround time. You need the DPX 2.



The Fastest Way to Press-Ready-Plates

The DPX 2 is a dedicated polyester Computer-to-Plate solution capable of delivering color-separated, punched plates, in perfect register and ready to be mounted onto the press. The image position on the plate is controlled by the RIP and is set up according to the specifications you choose and always in perfect register.

The Most Versatility for Your Operation

The unique combination of two distinct features – the internal drum punch system and the two simultaneously on-line material magazines – provides you with optimal format flexibility. The advanced internal drum technology exposes at variable resolutions up to 3600 dpi for high quality results.

Complete Automation

Imagine being able to feed two presses with different formats from the same platesetter – without manual intervention. The DPX 2 offers this flexible and time saving option. With the DPX 2, you can fit two different formats of material into the two magazines and expose plates of either format as needed. In combination with the available punch solutions, you can effortlessly output press-ready plates in both landscape and portrait formats on demand. The 200' rolls of Silver DigiPlate can be loaded in full daylight directly into the magazines.

Registration You Can Count On

Flexibility in switching between plate formats is a requirement for short-run color jobs. One of the most critical points when switching between plates is the ability to obtain perfect registration of the color separations to ensure high-quality results. With the DPX 2, punching is done automatically as part of the internal drum technology. This unique feature of exposing the plates in punch position ensures the required accuracy and eliminates time-consuming manual errors.

The DPX 2's unique loading system ensures full alignment – from loading to output. The plate material is transferred directly from the loading magazine to the

drum. As soon as it enters the drum, it is fixed to the drum surface by means of a vacuum, which ensures perfect alignment as the plates are punched, exposed and cut.

Advanced Processor Technology

The processor in the DPX 2 is based on advanced technology. It has a two-bath design with active replenishment. The advanced design consists of two very small tanks, which reduce the amount of processing solution used. The active replenishment ensures fresh processing solutions for the day’s operations, even when a large number of plates are being processed. Furthermore, the design makes it easy to disassemble the unit for maintenance and refilling. To empty, clean and refill the unit takes less than 10 minutes. The final result is a very cost-effective solution.

Lower Costs and Increased Productivity

Because there are no manual processes involved, the DPX 2 enables you to produce more plates per hour and achieve optimal usage of your platesetter. This improves your turnaround time on delivery to your customers and gives you the capacity to take on more jobs without an increase in labor costs. By investing in a DPX 2, you can achieve cost savings of up to 65% per plate, which increases your business opportunities. And with the DPX 2, you have a highly versatile system, which gives you a competitive edge in the short-run, process-color market. Learn more about it by contacting Mitsubishi Imaging today.

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Technology

Recording Internal Drum
 Material capacity Rolls up to 200' (61m)
 RIP RIPMate 7.x

Exposure

Light Source 670nm visible red laser diode 10mW
 Resolutions 900-3600 dpi
 Spot Size 8-26µm

Plate Format

Plate Thickness 4 mil / 0.1mm - 8mil / 0.2mm
 Minimum 10" x 10" (250mm x 250mm)
 Maximum Std 16.5" x 21.6" (420mm x 550mm)
 Maximum w/upgrade 18.1" x 21.6" (460mm x 550mm)

Image Definitions

Max image format 17.1" x 21.4" (436mm x 546mm) - with upgrade option
 Image Repeatability 25µm / 0.001" over 4 plates

Production Speed

Plate size: 17.9" x 20.7" (454 x 525 mm)
 3600 dpi 14 plates/hour
 2540 dpi 17 plates/hour
 1800 dpi 24 plates/hour
 900 dpi 29 plates/hour

Punch Register

Absolute ± 0.02" / ± 0.5mm
 Relative ± '25µm / 0.001"
 Media lead edge to image ± 0.016" / ± 0.4mm over 4 plates
 Media side edge to image ± 0.008" / ± 0.2mm over 4 plates

Processor 2 bath

Tank Capacity AC/ST 1.3 / 0.95 gallons (5.0 / 3.6 liters)
 Waste Tank Capacity 6.6 gallons (25 liters)
 Plate Dryer Computer Controlled
 Temperature Range 86-122°F / 30-50°C

Options

Landscape Punch 1 U hole + 1 square hole (220mm or 425 mm, field adjustable)
 Portrait Punch 1 U hole + 1 square hole (220mm)
 Second Magazine
 Extended Plate Width Max Plate format: 18.1" x 21.6" (450 x 550 mm)
 Max Image area: 17.1" x 21.4" (436 x 546 mm)

Pre-Installation Data

Dimensions 42"x40.1"x53.9"(1066mm x 1020mm x 1370mm)
 Net Weight 902 lbs (410kg)
 Power Requirements 200 - 240 V, 50/60 Hz
 Power Consumption 13 A / 200 - 230 V

Storage Environment

Temperature 23-122°F / -5-50°C
 Humidity 80% RH, non-condensing

Operating Environment

Temperature 65-82°F /18-28°C
 Humidity 25-80% RH, non-condensing