SDP-Eco1630III

CTP has never looked more profitable

High-Performance

Fully Automated

2400 dpi

Eco Processing

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

The SDP-Eco1630III Platesetter
CTP made affordable, CTP made simple, CTP made right for you.

Welcome to the World of CTP

Your wait for computer-to-plate is over because the SDP-Eco1630III Platesetter from Mitsubishi Imaging is ready to work for you. The third generation of our two-up platesetter is better than ever, with a new top resolution of 2400 dpi for superb print quality. Best of all, the SDP-Eco1630III is designed specifically to run Mitsubishi Silver DigiPlate™ material, giving you a productive edge on every job.

The SDP-Eco1630III features a self-contained Eco processor that operates with two, ready-to-use solutions for processing Silver DigiPlate. This unique processing technology uses 2/3 less Activator and Stabilizer that other systems.

Automation Revelations

The SDP-Eco1630III is fully automated so it requires a minimum of training to operate and a minimum of time to produce press-ready plates. You load it with Silver DigiPlate material by the roll and the SDP-Eco1630III essentially runs itself, accepting files from its companion RIP, then imaging, processing and even sizing your plates, all in one streamlined workflow.
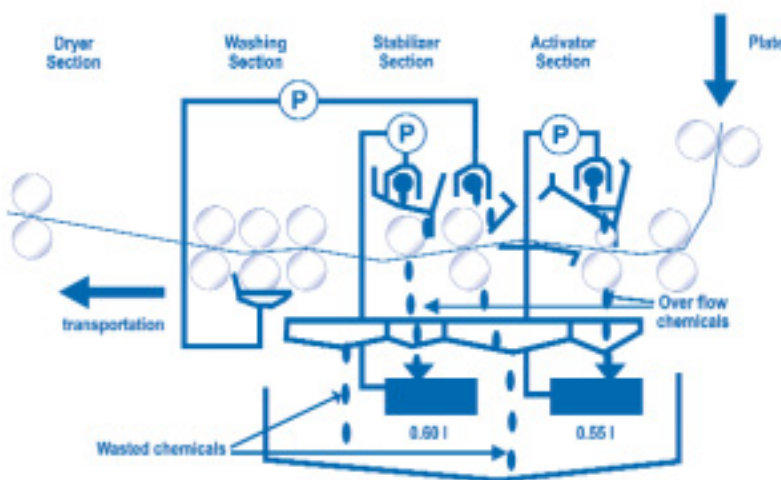
Conventional platemaking steps like exposing and processing film, paste-up, stripping and plate burning are suddenly obsolete. That saves you time, money and materials.

Performance that Impresses

The 1630III's high-speed technology can produce up to 78 plates per hour at 1200 dpi. Or you can notch-up its resolution to 1500, 1800 or 2400 dpi, to fit the job at hand. Plate widths range from 9" to 16 5/16", with lengths running from 8 5/8" to 22 13/16" to accommodate forms, duplicator and two-up presses. An optional punching system is available to complete your CTP workflow.

Ecological and Economical

The SDP-Eco1630III's patented Eco Processing technology delivers extremely stable plate development, while requiring two-thirds less

"The money-saving attributes of the SDP-Eco1630III extend to your upfront investment."

activator and stabilizer than other comparably sized platesetters. It does so by applying an extremely thin layer of activator and stabilizer to the plate surface. That lowers your costs and saves time by reducing your maintenance. Ready-to-use Silver DigiPlate Eco solutions equip you to produce precisely the right plate for every job — one-color, two-color or process work.

The 1630III's Eco Processor is built-in, self-contained and highly efficient, making it an integral part of your CTP workflow. And its integrated cutter sizes plates precisely, so there's no wasted plate material. You go directly from desktop to plate in a single, automated progression.

Accelerate Your Workflow, Affordably

The money-saving attributes of the SDP-Eco1630III extend to your upfront investment. It's competitively priced against a host of platesetters that can't even begin to approach the performance of the 1630III.

Plus, this platesetter comes complete with one of the most efficient CTP RIPs in the industry —the Harlequin based SDP-RIP— to automate the front-end of your prepress workflow. This Windows-based RIP also has the SDP Smart Tools Rip Manager option, a client server based system to help manage your workflow. And for even greater throughput, it utilizes Harlequin's pipeline technology for non-stop

plate production. That means new jobs can be input while the current project is being processed to accelerate your production. And to ensure your results are always picture perfect, Mitsubishi Imaging's Color-Savvy densitometry software is integrated into the 1630III's workflow. Color-Savvy calibrates both color and exposure so you get consistent results every time.

You can also choose from a variety of SDP Smart Tools plug-ins to create a workflow that will grow with your business. A CIP3 plug-in allows your prepress workflow to communicate with a compatible printing press, via Print Production Format (PPF) files. And an array of proofing plug-ins lets you generate proofs directly from the RIP file. All of which adds speed and consistency to your production process.

Learn more about the benefits the SDP-Eco1630III can bring to you by contacting us today. CTP has never looked more profitable.

"Color-Savvy calibrates both color and exposure so you get consistent results every time."

POWERED by
Silver DigiPlate™

Value in Vision

The SDP-Eco1630III 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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SPD-Eco1630III Specifications

Recording	Capstan	
RIP	SDP-RIP 6.0 (Harlequin Eclipse 6.x for Windows 2000/2003/XP)	
Light Source	Red Laser Diode (635 nm)	
Resolutions	1200, 1500, 1800, and 2400 dpi	
Recording Speed	48" (1236 mm) per minute at 1200 dpi 31" (791 mm) per minute at 1500 dpi 22" (552 mm) per minute at 1800 dpi 12" (309 mm) per minute at 2400 dpi	
Maximum Recording Width	15.9" (404 mm)	
Output Media	Mitsubishi Silver DigiPlate™ Material Polyester: SDP-FR100 .004" (.012 mm) SDP- FRm175 0.008" (.020 mm) Paper: SDP-RR175 0.008" (.020 mm)	
Plate Width	9" to 16 5/16" (229 to 414 mm)	
Plate Length	8.65" to 22.83" (220 to 580 mm)	
Roll Specification	Spec 725	
Interface	Fast Wide SCSI (16 bit)	
Integrated Eco Processor Processing Solution	Mitsubishi SLM-EAC (Activator) Mitsubishi SLM-EST (Stabilizer)	
Tank Capacity	Main Tank	Replenishing Bottle
	Activator .145 gal (0.55 liter)	.528 gal (2 liter)
	Stabilizer .159 gal (0.60 liter)	.528 gal (2 liter)
	Wash-off Water .068 gal (0.26 liter)	.264 gal (1 liter)
Output Speed	78 plates/hr at 1200 dpi	
Physical Dimensions	W x D x H: 39 3/8" x 31 5/16" x 42 1/8" (1000 x 795 x 1070 mm)	
Weight	456 lbs (207 kg)	
Power Requirements	100/120 VAC, 15 Amp, 50/60 Hz	
Operating Environment	73.4 ± 9°F (23 ± 5°C), 50-70% RH	
Options	Integrated Converting Punching Unit /Bell or DS System Differential SCSI Additional page buffer module External Beil Punching Unit	

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