

# SDP-Eco1630III R

*CTP has never looked  
more profitable*



*High-Performance*

*Fully Automated*

*2400 dpi*

*Eco Processing*



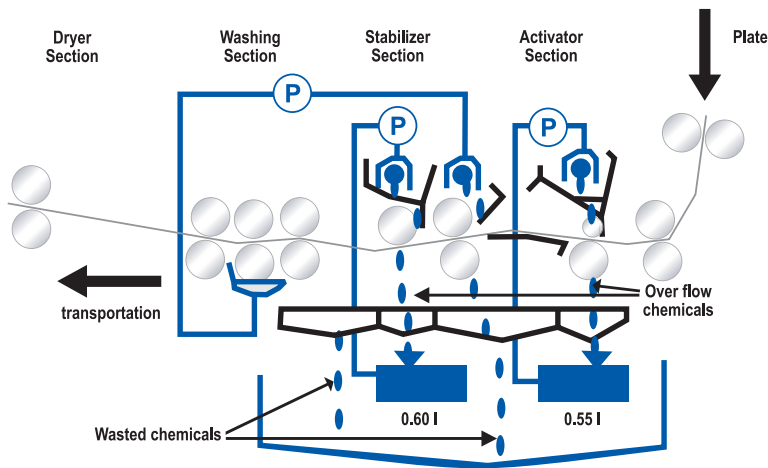
 **Mitsubishi  
Imaging (MPM), Inc.**

## The SDP-Eco1630IIIR 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-Eco1630IIIR Platesetter from Mitsubishi Imaging is ready to work for you. The ROHS compliant version of our popular 2-up platesetter is now even more environmentally friendly and at a top resolution of 2400 dpi is designed for superb print quality. Best of all, the SDP-Eco1630IIIR is designed specifically to run Mitsubishi Silver DigiPlate™ material, giving you a productive edge on every job.



The SDP-Eco1630IIIR 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 than other systems.

### Automation Revelations

The SDP-Eco1630IIIR 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-Eco1630IIIR 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 1630IIIR'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-Eco1630IIIR's patented Eco Processing technology delivers extremely stable plate development, while requiring two-thirds less 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 color.

The 1630IIIR's Eco Processor is built-in, self-contained and highly efficient, making it an integral part of your CTP workflow. 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-Eco1630IIIR 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 1630IIIR.

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. 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.

SDP Smart Tools RIP Manager is an optional feature for the SDP RIP. Smart Manager is a client based system designed to help you manage your workflow. The client software gives your prepress operators the ability to manage jobs without leaving their workstations. That increases productivity by eliminating trips to multiple workstations to accomplish various workflow tasks. They can view it all on SDP Smart Manager's graphical user interface.

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. 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-Eco1630IIIR can bring to you by contacting us today. CTP has never looked more profitable.**

**“The money-saving attributes of the SDP-Eco1630IIIR extend to your upfront investment.”**

<b>Recording</b>	Capstan
<b>RIP</b>	SDP-RIP 7.x (Harlequin Eclipse 7.x for Windows 2000/2003/XP)
<b>Light Source</b>	Red Laser Diode (635 nm)
<b>Resolutions</b>	1200, 1500, 1800 and 2400 dpi
<b>Recording Speed</b>	48" (1236 mm)/minute at 1200 dpi 31" (791 mm)/minute at 1500 dpi 22" (552 mm)/minute at 1800 dpi 12" (309 mm)/minute at 2400 dpi
<b>Maximum Recording Width</b>	15.9" (404 mm)
<b>Output Media</b>	Mitsubishi Silver DigiPlate™ Material • Polyester: SDP-FR100 – 0.004" (.012 mm) SDP-FRm175 – 0.008" (.020 mm) • Paper: SDP-RR175 – 0.008" (.020 mm)
<b>Plate Width</b>	9" to 16 5/16" (229 to 414 mm)
<b>Plate Length</b>	8.65" to 22.83" (220 to 580 mm)
<b>Roll Specification</b>	Spec 725
<b>Interface</b>	Fast-PIF (16 bit)
<b>Integrated Eco Processor</b>	Mitsubishi SLM-EAC (Activator)
<b>Processing Solution</b>	Mitsubishi SLM-EST (Stabilizer)
<b>Tank Capacity</b>	Main Tank Activator .145 gal (0.55 liter) Stabilizer .159 gal (0.60 liter) Wash-off Water .068 gal (0.26 liter) Replenishing Bottle .528 gal (2 liter) .528 gal (2 liter) .264 gal (1 liter)
<b>Output Speed</b>	First plate 114 sec., 78 plates/hour at 1200 dpi
<b>Physical Dimensions</b>	W x D x H: 39 3/8" x 31 5/16" x 42 1/8" (1000 x 795 x 1070 mm)
<b>Weight</b>	456 lbs (207 kg)
<b>Power Requirements</b>	100/120 VAC, 15 AMP, 50/60 Hz
<b>Operating Environment</b>	73.4 + 9°F (23 + 5°C), 50-70% RH
<b>Options</b>	<ul style="list-style-type: none"> <li>• Integrated Converting Punching Unit / Bell or DS System</li> <li>• Additional page buffer module</li> <li>• External Beil Punching Unit</li> </ul>

POWERED by  
Silver DigiPlate™

#### Value in Vision

The SDP-Eco1630IIIR 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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