

# SDP-Eco1630IIIR

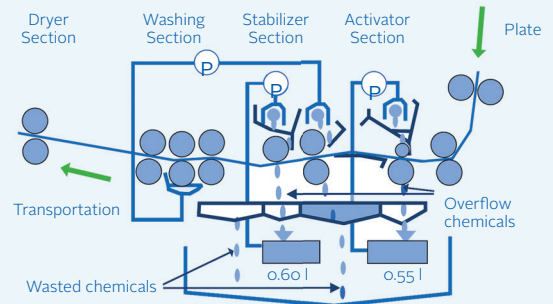
## Eco-Friendly Platesetter

Mitsubishi's SDP-Eco1630IIIR is a completely automated, digital platesetting system designed to increase your CTP capabilities, while decreasing your chemistry consumption and costs. Simply load 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 onestreamlined workflow.

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 29" to accommodate forms, duplicator and two-up presses. This 1630IIIR images Silver DigiPlate™ paper or polyester plate materials, producing precisely the right plate for every job – one color, two –color or process color.

### The SDP-Eco1630IIIR Platesetter

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 in the integrated Eco Processor, which improves quality and saves money.



The RoHS compliant version of our popular 2-up SDP-Eco1630 platesetter family is environmentally friendly and offers a top resolution of 2400 dpi for superb print quality. The RoHS Directive is a European Union standard aimed at making electronic equipment safer for the environment.



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

Low chemistry | Eco processing

## Technical Specifications

# Silver DigiPlate™ printing plates SDP-Eco1630IIIR platesetter



Plate technology	Laser-sensitive CTP paper-base and polyester-base
Plate gauge/base	4 mil (0.10mm) polyester plate (SDP-FR100) 8 mil (0.20mm) polyester plate (SDP-FRS175) 8 mil (0.20mm) paper plate (SDP-RR175)
Plate format	Min. Plate Size: 9" x 8.65" (229mm x 220mm) Max. Plate Size: 16-5/16" x 29" (414mm x 737mm) Max. Recording Width: 15.9" (404mm) (Extended width option available. Additional charges apply) Max. Recording Length: 28.3" (721mm)
Print run length*	Up to 10,000 impressions (paper-base plates) Up to 25,000 impressions (polyester-base plates) *under standard printing conditions
Printing performance	Performs with regular fountain solution and ink
Type of platesetter	High speed capstan
Machine controller	SDP RIP v10.x (Harlequin) includes bonus SDP-Smart Tools workflow management software
v5.x Integrated Eco Processor	Patented Eco Coating technology uses two-thirds less chemistry than standard bath processors
Processing solution	Mitsubishi SDP-EACII (Activator) and SDP-ESTII (Stabilizer)
Tank capacity	Tanks: Activator .145 gal (.055 L); Stabilizer .159 gal (.060 L); Water Wash .068 gal (.026 L) Replenishing Bottles: Activator .528 gal (2 L); Stabilizer .528 gal (2 L); Water .264 gal (1 L)
Material supply	1 magazine for roll material; Silver DigiPlate, Spec 725; 200' and 246' roll lengths
Light Imaging/source	Red laser diode (670nm)
Resolution	1200, 1500, 1800, 2400 dpi
Recording speed	78 plates/hr @ 1200 dpi; 61 plates/hr @ 1500 dpi 49 plates/hr @ 1800 dpi; 32 plates/hr @ 2400 dpi
Screen ruling	175 lpi
Tint	5% to 95%
Power requirements	100/120 VAC, 15 AMP, 50/60Hz
Environment	50-70% relative humidity
Temperature	73.4 +9° F (23 +5°C)
Weight	456 lbs. (207 kg)
Dimensions (W x D x H)	39-3/8" x 31-5/16" x 42-1/8"

### PRINT. PROFIT. PRESERVE.

The SDP-Eco1630IIIR platesetter and Silver DigiPlate™ offset plates are among the many innovative and ecological offset solutions available from Mitsubishi Imaging. For years we have been committed to serving the complete needs of our customers in the photographic, inkjet and graphic arts industries in an environmentally responsible way. We are the industry leader in green polyester plate technology, and offer the widest variety of inkjet media, graphic arts materials and FSC-certified communications papers available. Our eco-friendly, scalable offset and digital technologies help customers stay competitive, enabling them to reduce their environmental impact for the next generation of print.

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