

SilverMaster[®] System

Mitsubishi, the most respected and trusted name for Direct-to-Plate technology, offers the perfect solution for all of your Direct-to-Plate needs — SilverMaster[®] Plate Materials. Available in paper- or polyester-base, Mitsubishi's SilverMaster[®] materials are ideal for almost any camera platemaker for runs up to 25,000 impressions. Mitsubishi SilverMaster[®] Plate Material is your Direct-to-Plate solution.

Mitsubishi: Your Total Solution



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

Put More on Our Plate.



SilverMaster® System

Mitsubishi — The Direct-to-Plate Technology Leader.
Mitsubishi's SilverMaster® Plate Materials Produce The
Highest-Quality Direct-Imaged Plates.

Mitsubishi Paper Mills, Ltd., the leader in Direct-to-Plate technology for more than 20 years, consistently develops and supplies innovative plate materials and equipment to the printing industry. Perfect for all your printing needs, Mitsubishi SilverMaster® materials combine state-of-the-art technology with Mitsubishi's proven printing excellence.

SilverMaster® Plate Materials from the Direct-to-Plate Specialists — Mitsubishi.

Mitsubishi's SilverMaster® material is a Direct-to-Plate material for production of first-generation printing plates directly from paste-up boards. Whether you use paper-based SilverMaster® materials for shorter runs or polyester-based SilverMaster® materials for longer runs, you can expect an unparalleled level of quality and consistency.

Plate Making Materials, Equipment and Processing/Printing Chemistry



Paper-Base Plate Materials

SLM-RIII (.008"/.020 mm)

Run Length: up to 10,000 impressions

Polyester-Base Plate Materials

SLM-FIII100 (.004"/.010 mm)

SLM-FIII (.008"/.020 mm)

BFIII (.008"/.020 mm)

Run Length: up to 25,000 impressions

Plate Benders

These heated plate formers create precision bends on SilverMaster® and Silver DigiPlate™ 4 to 8 mil polyester material.

PF-60H Manual Bender — up to 23 5/8" (600 mm) wide

PF-107H Automatic Bender — up to 42" (1067 mm) wide

PF-110H Manual Bender — up to 43 5/16" (1100 mm) wide

DIRECT-TO-PLATE CHEMISTRY

Activator (SLM-AC)

1 U.S. Gallon (3.8 liters) (Dilute 1:1 with water for use.)

Stabilizer (SLM-ST)

1 U.S. Gallon (3.8 liters) (Dilute 1:3 with water for use.)

Etch (SLM-OH)

1 U.S. Quart (0.95 liters) To be used undiluted.

Deletion Pen (SLM-OEIII)

Easy to make precise corrections.

Fountain Solution (SLM-OD, OD-50)

1 Gallon (3.8 liters) OD (OD: Dilute 1:7~1:15 with water for use)

1.3 Gallon (5 liters) OD-50 (OD-50: Dilute 1:50 with water for use)

For use with PS plate also.

Fountain Additives (OA-1, OA-2)

.26 U.S. Gallons (1 liter)

(OA-1: Dilute 1:200) (OA-2: Dilute 1:50/1:100)

Deletion Fluid (SLM-OE)

3.4 oz. (100cc) 2/box. To be used undiluted. This fluid can be used to make deletion before or after the start of printing operations.



SilverMaster® Plate Materials

Paper-Base Plate Materials

◆ SLM-RIII

Ideal for run lengths up to 10,000 impressions

For use in most camera platemakers

(Mitsubishi, 3M, Eskofot, etc.)

Polyester-Base Plate Materials

◆ SLM-FIII100, FIII

Ideal for run lengths up to 25,000 impressions

For use in most camera platemakers

(Mitsubishi, 3M, Eskofot, etc.)

◆ SLM-BFIII

("Backshoot" Material)

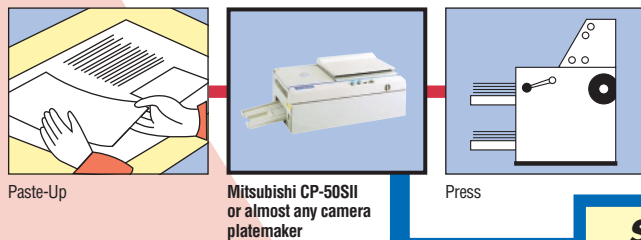
Ideal for run lengths up to 25,000 impressions

(For use in most Opti-copy or Process cameras)

SilverMaster® Direct-to-Plate System

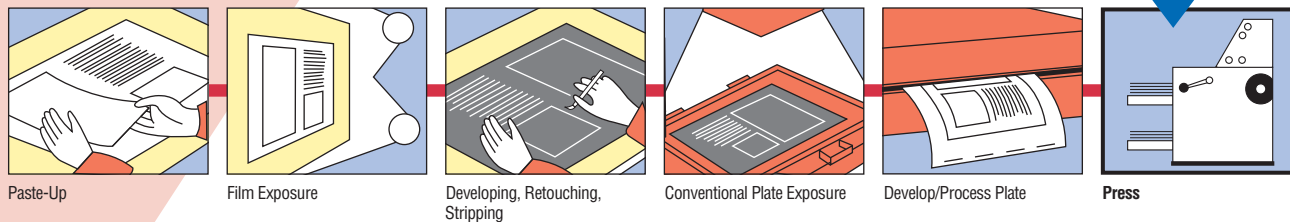
The Direct-to-Plate process eliminates conventional intermediate steps such as processing, stripping and plateburning, and saves the time, labor and equipment expenses of conventional platemaking.

SLM Workflow



SILVERMASTER®
Direct-to-Plate!

Conventional Workflow



SilverMaster® Plate Materials from Mitsubishi — The Direct-to-Plate Leader

Perfect for all of your printing needs, Mitsubishi SilverMaster® Plate Materials offer these outstanding features and benefits:

- ◆ Excellent water receptivity and response
- ◆ Superior resolution and sharper images
- ◆ Excellent ink compatibility, including color and web offset inks
- ◆ Compatible with sheetfed or web presses equipped with continuous or conventional dampening systems
- ◆ 133-line screen capability
- ◆ Compatible with PS plates and fountain solutions, including low-alcohol or alcohol-free solutions
- ◆ Single-, spot- and multiple-color applications
- ◆ Developing agents incorporated into plate emulsion for more consistent plate processing
- ◆ The **industry standard** for consistent, high-quality plate materials

SilverMaster® Camera Platemakers



◆ **CP-50SII**
MAXIMUM PLATE SIZE:
11 1/4" x 18 15/16"
(286 mm x 481 mm)
SLM-R111, F111100, F111
MAGNIFICATION: 100%

Mitsubishi SilverMaster® Camera Platemakers

SilverMaster® Camera Platemakers



CP-50SII

Maximum Plate Size:
11 1/4" x 18 15/16"
(286 mm x 481 mm)

**Mitsubishi's Direct-to-Plate Systems:
Proven to Save Time, Money & Materials.**

SilverMaster® SYSTEM TECHNICAL SPECIFICATIONS					
Machine	Maximum Plate Size	Maximum Image Size	Dimensions (W x D x H)	Weight	Power Source
CP-50SII	11 1/4" x 18 15/16" 286 mm x 48 mm	11" x 16 15/16" 279 mm x 430 mm	39" x 23 1/4" x 16 1/2" 990 mm x 590 mm x 420 mm	154 lbs 70 kg	115v 1.2kw

Mitsubishi is the most respected and trusted name for innovative Direct-to-Plate technology. At Mitsubishi, our goal is to provide high-quality products, the latest technology and an unparalleled level of reliable support and service, giving you the ability to increase your productivity and efficiency. Our proven systems are designed to save you time, money and materials. Let us show you how.

If you have any questions or want more information about our line of products, call the Mitsubishi Hotline at 800-765-9384 or 914-925-3200, Monday through Friday, 9:30 am to 5:30 pm EST, or contact us on the Web at www.mitsubishiimaging.com. Also, ask us about our complete line of digital Silver DigiPlate™ materials and equipment.

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