

# MAKO 4

An ideal transition to the latest Violet CTP technology for commercial printers

The MAKO 4 is one of the fastest 4-page Violet CTP units in its class, imaging over 19 Speedmaster 74 plates per hour at 2400 dpi. The MAKO 4 brings maximum CTP benefits to 4-page printers, delivering higher quality, faster turnaround times and short-run profitability with the lowest cost of ownership available today.

- ECRM's versatile platesetter technology provides ultimate format flexibility that's ideal for multi-press sites.
- Future-proof design allows a smooth transition to violet chemistry-free plate technology.
- Expanded format capability images from 228mm x 252mm (8.9" x 9.9") to 615mm x 745mm (24.2" x 29.3").
- Flexible – ECRM's patented press registration pin bars allow for both edge and notch registration, matching a wider range of press requirements.
- No hidden extras – our online conveyor is standard on all MAKO CTP, allowing for a direct connection to the processor at no extra cost.
- ECRM's patented plate handling and optical system provide long life and low replacement cost.
- ECRM's easy to use CtServer is included with the MAKO 4 and is customizable to your needs. Our open-ended software system accepts 1-bit TIFF files – choose the solutions you want. ECRM is here to help.
- Simple and intuitive operator interface makes training easy.
- Basic electricity requirements and quick installation – no dedicated power line needed. Low energy consumption, draws the same energy as a PC.



# Choose ECRM for your Violet CTP solutions



ECRM products offer the lowest total cost of ownership in the business and the highest quality performance in the industry. Our manufacturing facility is located in Tewksbury, Massachusetts, USA and is certified as being in conformity to ISO 9001:2000 standards. Our signature flexible design lets you decide what's best for your CTP system, workflow, plates and processors. We support you every step of the way and work with you to ensure complete system integrity.

**It's your business. We take it personally.**



## MAKO 4 Specifications

|                             |  |
|-----------------------------|--|
| <b>Plate Sizes</b>          | Minimum plate size: 8.9" x 9.9" (228mm x 252mm)<br>Maximum plate size: 24.2" x 29.3" (615 mm x 745 mm)   |
| <b>Plate Thickness</b>      | 0.14mm to 0.35mm (0.0055" to 0.014")   |
| <b>Media Types</b>          | Violet sensitive (405 nm) photopolymer and silver halide metal plates  |
| <b>Recording Source</b>     | Violet laser diode (405nm), available for photopolymer or silver halide plates   |
| <b>Resolutions</b>          | Five resolutions from 1200 to 2540 dpi (47 to 100 dpcm).<br>Resolutions include; 1200, 1270, 1800, 2400, and 2540dpi   |
| <b>Maximum Line Screen</b>  | Up to 200 lpi (78.7 lpcm). Media dependent   |
| <b>Repeatability</b>        | 0.001" (0.025mm) typical over six consecutive separations on plate.<br>May vary according to media type and processing conditions  |
| <b>Processing</b>           | Online: The plate transport automatically moves the plate into the processor.  |
| <b>Environmental</b>        | Power: 100 - 240 Volts; 3 Amps; 250 watts maximum; 50/60Hz, single phase<br>Heat Dissipation: 850 BTU/hour   |
| <b>Operating Conditions</b> | 62 - 86° F (17 - 30° C); relative humidity 45 - 65%, non-condensing. Relative humidity outside of this range may affect performance. Operating conditions outside plate media specifications may affect performance. |
| <b>Weight</b>               | 145.5 kg (320 lbs.)  |
| <b>Footprint Dimensions</b> | Width: 96.5cm (38.0") Length: 185.4cm (73.0") Height: 188.0cm (74.0")  |

**ECRM**<sup>®</sup>  
imaging systems

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All ECRM products carry the CE mark. All products are CSA & CSA/NRTL Certified. Class 1 Laser Products ECRM's Tewksbury facility is ISO 9001:2000 certified.

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