

# MAKO 200

The highest value Violet CTP solution for commercial press formats up to 560mm x 670mm (22.0" x 26.4")

The **MAKO 200 CTP** provides an easy, value-packed entry into CTP production with a full resolution range of 1200 – 3556 dpi. It is one of the fastest 2-page CTP units in its class, imaging over 34 GTO plates per hour at 2400 dpi. By combining simplicity, versatility and proven imaging technology, the MAKO 200 brings maximum CTP benefits including reduced operating costs and improved quality on press to 2-page printers.

- The MAKO 200 employs an auto-pinch/auto-image feature for true hands-free operation after initial plate positioning.
- Utilizing the latest 120 mw violet laser technology our future-proof design allows a smooth transition to violet chemistry-free plate technology.



- ECRM's new Gen4 laser technology provides a smaller and harder imaging pixel. This new optical system can produce performance levels over 200lpi (conventional screening) as well as supporting ECRM's new DM Screening (Digitally Modulated) and other hybrid screening systems.
- ECRM's versatile platemaker technology provides ultimate format flexibility - accommodates all 2-up presses and some 4-up presses.
- 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 easy to use CtServer is included with the MAKO 200 and is custom-made to fit your needs. Our open-ended software system accepts 1-bit TIFF files – choose the solutions you want. ECRM is here to help.
- ECRM's patented plate handling and optical system provide long life and low replacement cost.
- 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 9001:2008 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.



## MAKO 200 Specifications

<b>Plate Sizes</b>	Maximum: 560mm x 670mm (22.0" x 26.4") Minimum: 228mm x 252mm (8.9" x 9.9")
<b>Plate Thickness</b>	0.14mm to 0.35mm (0.0055" to 0.014")
<b>Media Types</b>	Violet-sensitive photopolymer and silver halide metal plates. See media specifications for safe-light information.
<b>Recording Source</b>	120 mw violet laser diode (405 nm)
<b>Resolutions</b>	Seven resolutions from 1200 to 3556 dpi (472 to 1400 dpcm) Resolutions include: 1200, 1270, 1800, 2400, 2540, 3048, and 3556dpi
<b>Maximum Line Screen</b>	Up to 200 lpi (78.7 lpcm). Media dependent
<b>Repeatability</b>	0.025mm (0.001") typical. May vary according to media type and processing conditions
<b>Processing</b>	Plates are moved to processor automatically by a transport bridge - standard equipment on MAKO 2x.
<b>Environmental</b>	Power: 100 - 240 Volts; 3 Amps; 250 watts maximum; 50/60Hz, single phase Heat Dissipation: 850 BTU/hour
<b>Interface</b>	USB 2.0 High Speed. 3 meter host cable provided.
<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: 160.0cm (63.0") Height: 188.0cm (74.0")



### Headquarters:

554 Clark Road  
Tewksbury, MA 01876  
USA  
Tel: (+1) 978.851.0207  
Fax: (+1) 978.851.7016  
sales@ecrm.com