MAKO 400

Versatile violet CTP that is chem-free ready and capable of imaging up to a 6-page press

The MAKO 400 is the latest evolution in the MAKO CTP family, and one of the first Violet CTP devices in the world to offer commercial printers a clear path to chemistry-free technology. The MAKO 400 represents ECRM's highest quality imaging output with resolution sets from 1200 – 3556 dpi, and is one of the fastest 4-page CTP units in its class, imaging over 25 Speedmaster 74 plates per hour at 2400 dpi.

- Utilizing the latest 120 mw violet laser technology our future-proof design allows a smooth transition to violet chemistry-free plate technology.

- The MAKO 400 employs an auto-pinch/auto-image feature for true hands-free operation after initial plate positioning.

- 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 platesetter technology provides ultimate format flexibility that's ideal for multi-press sites.

- Expanded format capability images from 228mm x 252mm (8.9" x 9.9") to 660mm x 960mm (26.0" x 37.8").

- 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.

- Uses a straight-through plate path for easy operation and automated delivery to the processor.

- Bundled with CtServer Professional – ECRM's enhanced 1-bit TIFF server. 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.

ECRM
MAKO 400 *CTP*

MAKO CTP

ECRM®
imaging systems

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 400 Specifications

Plate Sizes	Maximum: 660mm x 960mm (26.0" x 37.8") Minimum: 228mm x 252mm (8.9" x 9.9")
Plate Thickness	0.14mm to 0.35mm (0.0055" to 0.014")
Media Types	Violet-sensitive photopolymer and silver halide metal plates. See media specifications for safe-light information.
Recording Source	120 mw violet laser diode (405 nm)
Resolutions	Seven resolutions from 1200 to 3556 dpi (472 to 1400 dpcm) Resolutions include; 1200, 1270, 1800, 2400, 2540, 3048, and 3556dpi
Maximum Line Screen	Up to 200 lpi (78.7 lpcm). Media dependent
Repeatability	0.025mm (0.001") typical. May vary according to media type and processing conditions
Processing	Online: The plate transport automatically moves the plate into the processor.
Environmental	Power: 100 - 240 Volts; 3 Amps; 250 watts maximum; 50/60Hz, single phase Heat Dissipation: 850 BTU/hour
Interface	USB 2.0 High Speed. 3 meter host cable provided.
Operating Conditions	62 - 86º F (17 - 30º 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.
Weight	145.5 kg (320 lbs.)
Footprint Dimensions	Width: 96.5cm (38.0") Length: 185.4cm (73.0") Height: 188.0cm (74.0")

ECRM imaging systems
www.ecrm.com

Headquarters:

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

ML90083 rev-01