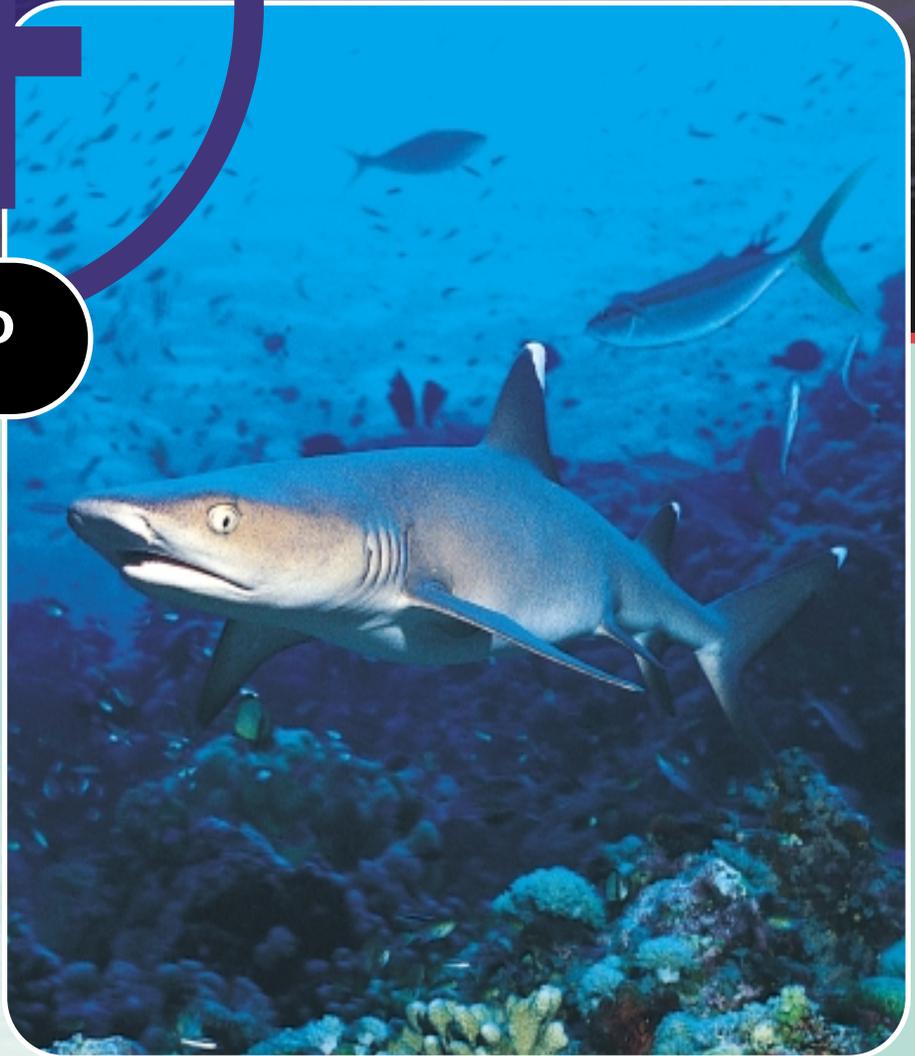


4

MAKO 4 CTP

- 4-page violet platesetter for commercial-quality print
- Proven Mako Imaging Technology
- Easy to use, maintain and install
- Built for long-lasting reliability
- Inexpensive to own and operate
- A fast and easy transition into CTP production



...the natural evolution for your printing business

a natural for *progression* YOUR business

MAKO 4 CTP

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 in its class.

Features & benefits

Proven Mako imaging technology

– in use in over 10,000 printers worldwide. Renowned for its quality, speed and reliability.

Accuracy – uses a pin bar registration system that matches your press, providing excellent repeatability, easy plate mounting and shorter make-readies.

Versatility – pin bar system changes in seconds to accommodate multiple press formats from 254mm x 381mm to 645mm x 927mm (10" x 15" to 25.4" x 36.5").

Open – simple connection options to many popular pre-press systems.

Low cost – inexpensive to buy, easy to operate, simple to maintain... maximizing your quality on press and profit potential.

As a commercial printer, producing high quality output and maintaining a cost-effective operation is critical to your success.

With Mako 4 CTP, you can exceed the expectations of your most discerning customers by providing better quality print at a price that will have a positive impact at the bottom line.

Mako 4 CTP provides a simple and easy transition to CTP production, with digital workflow options that can be configured to suit any production environment. It comes complete with CT Server software and an automated processor bridge, reducing your start-up costs. All you need is a small yellow safelight environment, a suitable processor and you are on the way to sharper and more consistent printed results, while eliminating the need for film.

Quality – Mako CTP provides first generation imaging with enhanced dot definition, providing sharp, consistent plate output at all resolutions up to 3556 dpi. Precise registration is achieved using ECRM's patented Precision Drive Imaging technology. The straight-through plate path and micro-processor controlled drive system ensure accurate registration combined with fast and simple operation.





Easy Operation – Operators simply slide in a plate that has been notched for your press, matching it to the Mako 4 pin bar system. They then release the file with the touch of a button and the Mako 4 does the rest. The file will be imaged and the plate is delivered directly to an online processor. This process makes the Mako 4 as easy to use as contact frame.

Reliability – Based on proven technology – installed in over 10,000 imaging devices worldwide and manufactured to ISO 9001

standards – the Mako 4 delivers long-lasting reliability, year after year, enabling you to continuously meet customer deadlines without anxiety.

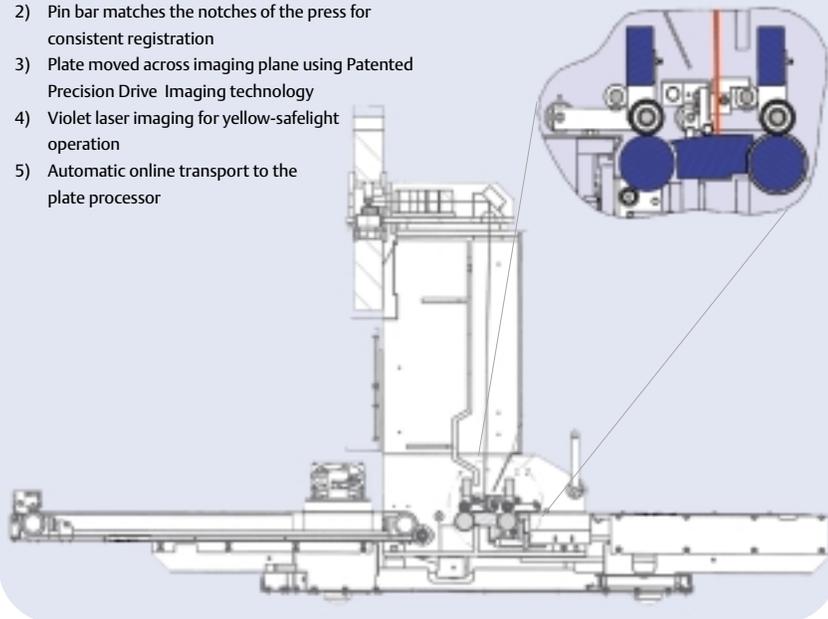
Compatibility – Mako 4 is compatible with all available Violet CTP media types, through the choice of two violet laser alternatives – 5mw for Silver Halide plates and 30 mw for Photopolymer plates.

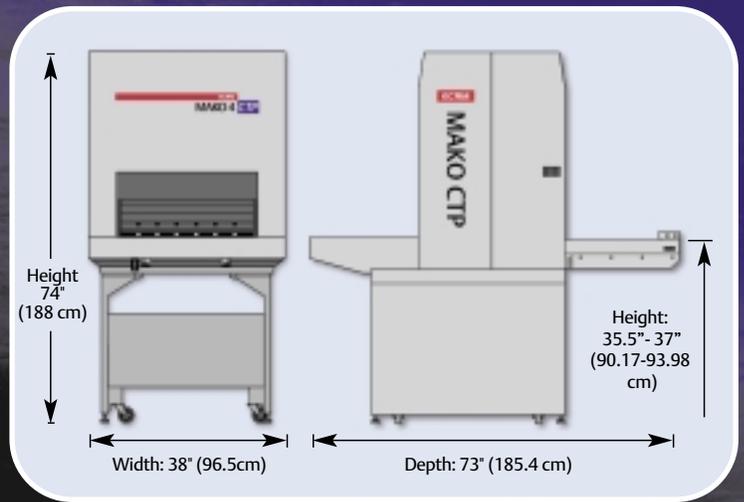
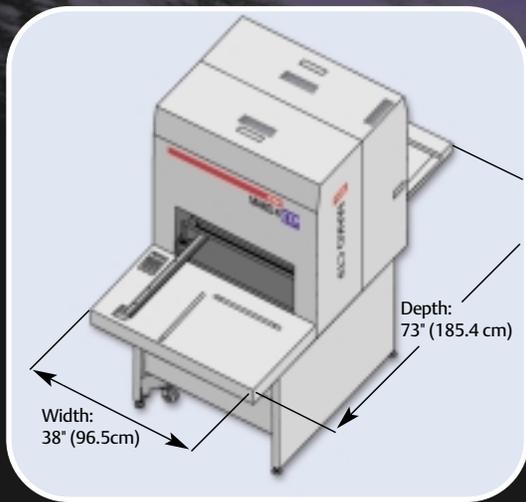
The MAKO 4's imaging format also accommodates the widest range of 2- and 4-page presses, from the smallest AB Dick® 300 series to the popular Heidelberg Speedmaster® 74. It will easily integrate into your existing plate workflow and your digital prepress system using one of ECRM's software options.

Running costs – With the Mako 4, every design alternative has been explored to reduce the cost of ownership, without compromising quality. For example, ECRM's patented Percision Drive Imaging technology – without a complicated plate loading and unloading cycle – minimizes the number of moving parts, optimizing uptime and keeping maintenance costs low. The elegant pin bar registration system allows printers to protect the investment in their current punching system. This design approach makes CTP viable for printers that have been concerned about the cost of CTP ownership.

Speed – The imaging speed of the Mako 4 makes it one of the most productive platesetters in its class. Combined with the straight through plate path, the Mako 4 delivers a robust speed of 20 plus plates per hour (based on 605mm x 745mm 23.8" x 29.3" at 2540dpi).

- 1) Plate loaded against pin bar system
- 2) Pin bar matches the notches of the press for consistent registration
- 3) Plate moved across imaging plane using Patented Precision Drive Imaging technology
- 4) Violet laser imaging for yellow-safelight operation
- 5) Automatic online transport to the plate processor





Specifications

Plate sizes

Maximum: 645 mm x 927 mm
(25.4" x 36.5")
Minimum: 254 mm x 381 mm
(10" x 15")

Media Types

Violet-sensitive metal plates, silver
or photopolymer
Yellow-safelight environment
required for plate handling

Media Thickness

0.0055" to 0.012"
(0.14mm to 0.3mm)

Recording Source

Violet laser diode (405 nm),
choose 5mw for silver halide or
30mw photopolymer plates

Resolutions

Seven resolutions from 1200 to
3556 dpi (472 to 1400 dpcm)
Resolution sets dependent on
media type – up to seven choices

Maximum Line Screen

200 lpi (78.7 lpcm)
May vary based on media and pro-
cessing conditions

Repeatability

0.001" (0.025mm) typical over six
consecutive separations on plate

May vary based on media type
and processing conditions

Processing

User selectable, online: the plate
transport automatically moves the
plate into the processor. Offline:
plates are output to the transport
and held for processing

Environmental

Power: 90 - 264 Volts;
3 Amps; 250 Watt maximum;
50/60Hz, single phase
Heat Dissipation: 850 BTU/hour
Weight: 320 lbs (145.5 kg)

Operating Conditions

62 - 86° F (17 - 30° C); relative
humidity 45 - 65%, non-condensing.
Relative humidity outside of this
range may affect performance

DEALER STAMP

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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 ISO9001 certified.