

Commercial CTP

The ECRM Mako [metal plate] and DPX [polyester plate] ranges are the best value 2, 4 and 8-page CTP systems on the market today, offering Printers a robust, easy-to-use, end to end solution with low entry costs and a rapid ROI.

For commercial printers in the highly competitive B2/3 market producing high quality output in the shortest possible time whilst maintaining a cost-effective operation is critical. ECRM can significantly enhance any printers customer responsiveness by providing high quality in-house platesetting solutions at very affordable prices.

Explore the ECRM video library by clicking here.

{tab=Metal}

Mako Violet CtP Systems

The heart of the Mako CTP system is a totally new imaging system that uses low cost, state-of-the-art violet laser technology to provide high quality production and versatile plate handling at the lowest possible cost - roughly 30% less costly than thermal systems.

Available in 2-up, 4-up and 8-up models the robust design, together with high quality manufacture to ISO 9001 standards delivers reliability year after year. This level of reliability is a result of the simple and unique Mako flatbed design.

Innovative Flatbed design - ECRM's patented Mako flatbed systems have 50-80% fewer moving parts than other drum based designs. "Keeping it simple" reduces both the upfront capital investment and the ongoing maintenance and support costs. It also makes the system easier to use reducing training costs. Independent testing in Europe has shown ECRM systems to have superior optics and imaging characteristics when compared with many competitors drum systems, dispelling yet another myth in the drum vs flatbed debate...

New Generation Systems - The new MAKO System4x models utilise the latest technological breakthroughs, including simplified plate loading, enhanced optics and the ability to image the emerging violet 'processless' plates. The new System4x can image formats from just 228 mm x 252 mm up to 660 mm x 960 mm, at a speed of over 20 Speedmaster 74 plates per hour at 2400 dpi. And it comes with a 3-year factory warranty!

Want Full Automation? No Problem. The proven Mako4matic (below) provides outstanding productivity with automated, super-reliable plate loading, imaging and online processing.

Versatility - Mako CTP platesetters are built to be flexible, they can operate in manual mode or with an automated plate output transport to enable direct connection to an online processor. With a selection of resolutions, a choice of manual or semi-automatic operation, the Mako CTP system can be configured for many different commercial applications.

Workflow - Maximise the productivity of your Mako CtP system and the efficiency of your pre-press operations with ECRM's affordable and easy to use "WorkMates" PDF digital workflow. For more details about WorkMates [click here](#).

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{tab=Polyester}

DPX Polyester CtP Systems

The DPX 2 is the perfect choice for a B3 (2-up) printer. It provides all the benefits you need to grow your business. It is fully automated and will be running unattended for hours, providing dry, punched press ready plates for your press. The DPX 2 is the next step to your success.

- The ECRM DPX 2 offers you two different plate sizes online at the same time, a great flexibility saving you time and money.

- Maintenance friendly design - built-in processor is a twin-bath processor with one temperature controlled activator tank with circulation pump - requires little attention and gives you more time for your core business, printing.
- Even with the built-in processor the footprint of the DPX 2 is only 107 cm by 102 cm (42.0" x 40.1")
- Integrated register punches for both 220 mm and 425 mm distance. Ensures perfect fit on press and saves endless time of press adjustment.
- Simple and intuitive operator interface makes daily use of the DPX 2 easy.
- Low installation cost - ECRM DPX 2 does not require a water supply or drainage.
- DPX 2 can be connected to any common front-end. Regardless of your workflow – we have the solution for you.
- High precision imaging - automatic and dynamic adjustment of the spot size resulting in a perfect spot that gives you high quality prints.

dpx_2_brochure

DPX 4

Cost effective plate production

The market momentum behind polyester plate imaging continues to build. B2 (4-up) printers who want to obtain the benefits of CtP without the cost of metal plates are finding polyester plates with dedicated polyester platesetters to be very attractive. ECRM products are known for excellent performance and high quality. DPX 4 is no exception, offering a highly productive, fully daylight operated and automatic Computer to Polyester Plate System producing imaged, punched, dried and cut-to-size plates – ready-to-use. The quality of the printed plates is high making 4-colour jobs looking outstanding. Operating and maintaining the unit is easy and saves valuable time. Additionally – the DPX has a very small footprint taking up a minimum of space and giving you more space for production.

Advanced drum with outstanding output

The drum in the DPX 4 is based on the latest manufacturing technologies. It is made of extruded aluminum to achieve extremely high precision and accuracy. DPX 4 will expose at any resolution between 1200 and 3000 dpi. This is achieved by automatic and dynamical adjustment of the spot size through varying laser intensity and focus. This results in a perfect spot that gives you high quality prints. DPX 4 comes standard with a Bacher 425mm punch with the possibility to change to a new position very easily. It can also be field upgraded for Bacher 220mm punch as well as Komori 550mm punch.

Reliable integrated processor and dryer

The built-in processor is a twin-bath processor with one temperature controlled activator tank with mechanical stirrer and circulation pump to ensure even processing and a stabilizer tank. Both tanks have sensors for controlling the chemistry level and active replenishment to ensure the correct level of new chemistry in the tanks and to achieve precise activation of the polyester plate. The dryer unit is sensor equipped for computer controlled temperature, ensuring a correctly dried plate, ready for use. DPX 4 takes no engineer, and with the maintenance friendly design, the processor requires only little attention and gives you more time for your core business - Printing.

User friendly interface

The DPX is controlled by the PC based DotManager interface. This very easy-to-use interface gives you full control of the unit allowing you to monitor machine activity at any stage of the processing. The DotManager covers everything from defining material set-ups, material compartment selections and setting up the processor preferences. Service can even be done remotely by your service provider, using remote software feature thus keeping service cost down.

Flexible front-end connections

DPX 4 can be connected to any common front-end workflow. ECRM offers a choice of one of two different software options. TiffMate, a simple 1-bit-tiff interface for connection to other Rips or workflow, or our well-known RipMate. Regardless of your workflow – we have the solution for you.

Expand your business

DPX 4 is ideal for the 4-up market. One media compartment for 61m of 0.2mm polyester plate on 6 inch core and one 425-mm Bacher 2000 plate punch come as standard. Plate size up to 750 x 680mm (26,77 x 29,9").

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