

HIGHWATER PRODUCTS FOR PREPRESS AND PRINTERS

Q2 Output Controller

Automate the output of jobs to your CTP device, imagesetters, and many other output devices using HighWater's Q2 Output Controller software.

Q2 Workflow Manager

Bring complete automation to your prepress workflow by having the ability to create bespoke workflows and track the jobs within them using HighWater's Q2 Workflow Manager.

Torrent

HighWater's industry-renowned, Harlequin-based PostScript level 3 RIP, and also a fundamental part of Torrent Connect (HighWater's interfaces to imagesetters) and Torrent ProofReady (HighWater's digital colour proofing solution).

InkMonitor

HighWater's ink coverage software that improves makeready times by creating files, or hard copy, of the press ink duct settings for a job that can be interpreted by the Torrent RIP. Use this in conjunction with your CTP management software to provide ink usage data on each plate.

Torrent ProofReady & Torrent ProofReady Pro

Torrent ProofReady is HighWater's Harlequin RIP-based digital colour printing solution that turns popular, selected printers into proofers. Torrent ProofReady Pro offers the end-user the added advantage of exclusively-developed HighWater profiles to achieve Cromalin-type emulations.

PressMimic

PressMimic is HighWater's professional colour proofer, combining the graphic arts industry-recognized Harlequin Postscript level 3 RIP with Epson's award-winning Micro Piezo inkjet printing technology. At the touch of a button, produce accurate, colour proofs to emulate Cromalin or printing processes via your Epson Stylus Pro 5000, 7000 or 9000.

Pixel Proof

This ROOM ("rip once, output many") solution offered by HighWater is a powerful and interactive, soft proofing solution that saves prepress production departments time and money. Within a HighWater Platinum CTP environment, PixelProof can ensure data integrity by allowing you to send the same, final RIPped file to a proofing device, then Platinum.

Press Signature

HighWater's easy to use, Windows-based fingerprinting and calibration tool that lets you process an in-house standard across your all of your presses, enhancing quality control and productivity via optimal compensation for dot gain.

Platinum Computer-to-Plate

Why choose Platinum?

- Platinum offers a versatile, simple-to-use solution for producing high quality metal plates.
- Platinum's precise plate-to-plate accuracy using your existing press registration system reduces make-ready times and increases your productivity to help you meet today's high demands for cost-efficiency.
- Platinum is supplied with front end - CTP management - software, allowing you to meet tighter deadlines and giving you a faster and smoother plate turn-around time for shorter print runs.
- Platinum's CTP management software also provides archiving and read-only access to the digital platemaking data - in one simple and easy-to-understand operation, you can quickly locate the digital on-screen viewfile, and if necessary, re-make a plate.

Production Benefits

Platinum's flatbed technology is ideal for metal plates. The removal of manual planning and platemaking means savings in time for stripping, retouching and film exposure - all adding up to an increase in profit margins for you.

The plates produced by any Platinum in the range are exceptionally clean and no retouching is required. The sharpness of the first generation image means the quality of the printed document is noticeably better.

The Platinum front-end uses one of the fastest platforms currently on the market with HighWater's Torrent RIP, based on Harlequin's ScriptWorks, which allows multiple jobs to be progressed at any one time. Consistency is guaranteed with one RIP file providing output for both your proofing device and the Platinum CTP.

Summary

The Platinum family provides a range of imaging engines to meet your precise requirements, making it an effective, low-cost way to invest in CTP technology. The Platinum can be introduced simply and quickly into your existing production workflow. The first generation plates, together with an option for stochastic (FM) screening, make CTP ideal for developing high quality markets. All Platins provides high production throughput which matches on-demand print times, giving you a major advantage over your competition resulting in increased profits and cost savings.

If your future is with digital job handling and you are ready to take the next step to proven CTP technology, contact HighWater for more information about the Platinum products.

Technical Details

Technology	Principle Flat Bed
Laser Source	blue-violet or green laser diode
Sensitivity	400 nm or 532nm
Resolution	1270/2540dpi 50/100dpm
Interface	Differential SCSI 2
Permitted ambient temperature range for operation	+15°C to +25°C

Small manual format B3+ system
Platinum 2218 Plate Size 22" x 18" 558 x 460 mm (max.)

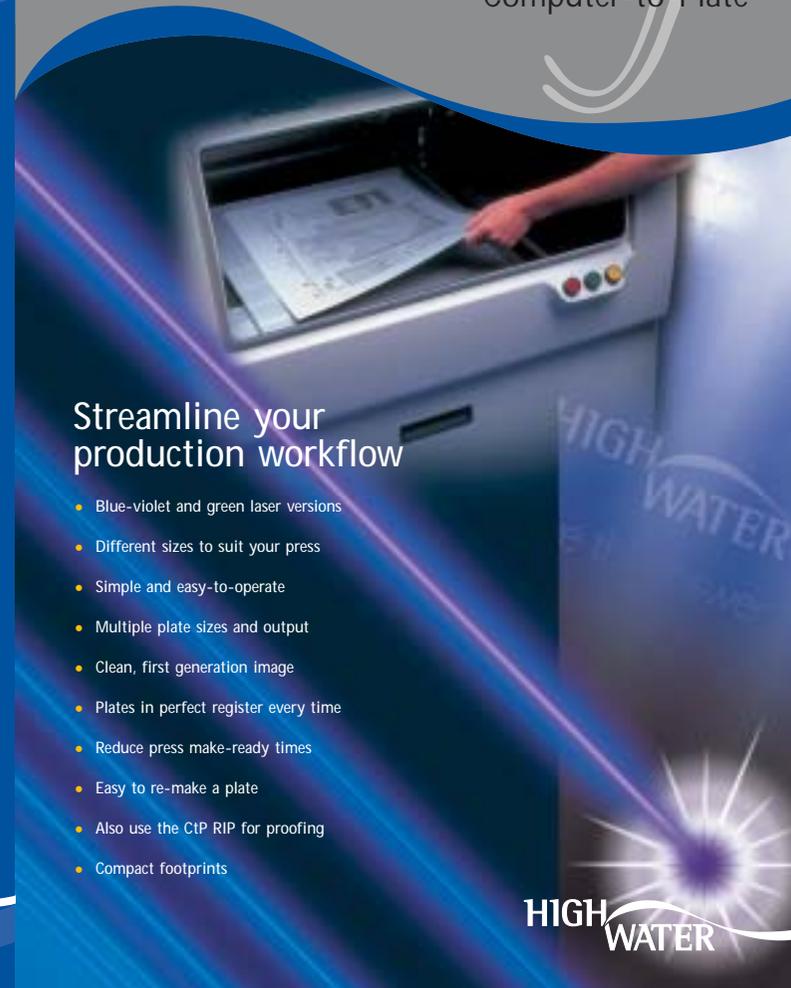
Manual B2+ system
Platinum 2230 Plate Size 26" x 32" 660 x 813 mm (max.)
Platinum 2236 Plate Size 26" x 38" 660 x 965 mm (max.)

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PLATINUM Computer-to-Plate



Streamline your production workflow

- Blue-violet and green laser versions
- Different sizes to suit your press
- Simple and easy-to-operate
- Multiple plate sizes and output
- Clean, first generation image
- Plates in perfect register every time
- Reduce press make-ready times
- Easy to re-make a plate
- Also use the CTP RIP for proofing
- Compact footprints

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PLATINUM 2218

Computer-to-Plate

Features and Benefits

- Proven technology - same design principles as the successful Platinum 2230 device operating throughout the world.
- Accuracy - each plate is positioned on pins in the flatbed of the Platinum, prior to exposure, giving consistent plate-to-plate registration.
- Small footprint - flatbed B3 device.
- Easy to operate - simple manual loading and unloading of prepunched metal plates.
- Rapid - at 1270 dpi the plate can be imaged in 1 minute 30 seconds.
- Management software - enabling the platemaker to verify the plate layout.
- Blue-violet laser technology - offering the ability to work in yellow, near daylight working conditions.
- Confidence - use the same CtP RIP to send proof output to inkjets, colour copiers or dye sublimation proofers before ripping to the Platinum.
- Affordable - produces a high quality product with a highly-competitive return on investment.



A computer-to-plate system using metal plates is now available for the B3 press. The marriage of technology and scale that has previously been elusive has been developed for you by HighWater Designs' innovative engineers. In the intensely competitive B3 market, cutting-edge technology will distinguish you from the rest. HighWater brings you that opportunity, with a CtP design which has been tried and tested in the B2 market.

With the emphasis today on short lead-times and increased productivity, this B3 format Platinum gives you a significant advantage: it outputs high quality plates, with accuracy and repeatability characteristics that can only be achieved by digital imaging.

The physical operation of the Platinum 2218 B3 device is exactly the same as a traditional printdown frame: prepunched plates are mounted onto precise custom-made registration bars to accommodate plate sizes ranging up to B3+ (558 x 460 mm). It takes just over three minutes to load, expose and unload a 2540 dpi B3 metal plate. Platinum flatbed technology is ideal for metal plates and 52cm presses.

With its simple manual loading and unloading, Platinum's innovative design and quality of manufacture have resulted in a system with excellent reliability and low maintenance. Platinum 2218 offers a technology you can trust at a size you can afford.

"...direct imaging, clean plates in perfect register gives us the key to achieving outstanding quality," says the director who successfully invested in the Platinum 2218 and a second six-colour press. "After the first month in use, both the savings and quality of results have impress me. Now, after the first year, our Platinum has paid for itself."

Detailed user case studies are available on request.

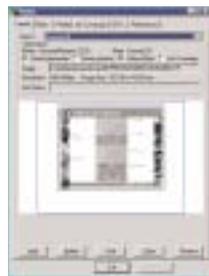
Specification Platinum 2218

Format
Plate Size 22" x 18.1" 558 x 462 mm (max.)
Image Area 22" x 18.1" 558 x 462 mm (max.)

Expose Rate
Full image area at 1270 dpi (50 dpmm) - 1 min 55 secs
Full image area at 2540 dpi (100 dpmm) - 3 mins 49 secs

Plate Loading Scheme Manual

HighWater's patented CtP management software makes using Platinum easy. When a plate is being produced, the platemaker can see the layout of the plate, the design and colour of the image being requested in the preview file displayed on screen. This facility, when combined with additional HighWater's O2 Output Controller - which continually monitors the job queue - can increase productivity.



* All Platins are supplied with a suite of front end software, enabling a user to view and monitor the progress of jobs being output to plate

PLATINUM 2230/2236

Computer-to-Plate

Features and Benefits

- Accuracy - each plate is positioned on pins in the flatbed of the Platinum, prior to exposure, giving consistent plate-to-plate registration.
- Compact - flat bed B2 or B2+ devices for all plate sizes up to 26" x 38" (660 x 965 mm).
- Easy to operate - the user simply loads and unloads the pre-punched metal plates.
- Rapid - double the productivity with two plates imaged in one pass.
- Management software - enabling the platemaker to verify the plate layout.
- Blue-violet laser technology - offering the ability to work in yellow, near daylight working conditions.
- Confidence - use the same CtP RIP to send proof output to inkjets, colour copiers or dye sublimation proofers before RIPping to the Platinum.
- Affordable - produces a high quality product with a highly-competitive return on investment.

Specification Platinum 2230

Format
Plate size 26" x 32" 660 x 813 mm (max.)
Image area 22" x 30" 558 x 762 mm (max.)

Expose Rate
Full image area at 1270dpi (50dpmm) - 3 min 10 sec
Full image area at 2540dpi (100dpmm) - 6 min 20 sec

Plate Loading Scheme Manual

Specification Platinum 2236

Format
Plate size 26" x 38" 660 x 965 mm (max.)
Image area 22" x 36" 558 x 915 mm (max.)

Expose Rate
Full image area at 1270dpi (50dpmm) - 3 min 50 sec
Full image area at 2540dpi (100dpmm) - 7 min 38 sec

Plate Loading Scheme Manual

The Platinum 2230 and its wide-format partner, the Platinum 2236, represent an established CtP technology which has delighted its many users throughout the world. Customers are quickly seeing the benefits of clean, sharp quality plates in perfect register time after time.

The physical operation begins with pre-punched plates mounted onto a precise custom-made registration bar - exactly the same as a traditional printdown frame. Platinum's proven flatbed technology is ideal for metal plates. You can image any plate sizes ranging up to B2 (660 x 813 mm) for the 2230, or B2+ (660 x 965mm) for the 2236 without making any adjustment to the machine. You can even have multiple plates sitting side by side and imaged in one pass. Once mounted, it takes about six minutes only to load, expose and unload the B2 2540 dpi plate.

Many users will tell you the major advantages they have achieved when working with the Platinum CtP device. Here are some comments:

"After we installed the Platinum 2230, a job which used to take us four to five hours from receipt of the file to plate production, now reaches the pressman in 45 minutes. The studio used to be a bottleneck. Since the arrival of the

Platinum, our volume of work output has actually increased. It fitted into our workflow immediately and was producing plates for the press on the same day it was installed. Our platemakers, who had no previous experience with PCs, were cautious about these major changes. They found that outputting plates is a simple and quickly learned skill, and working with the Platinum 2230 has improved the production process. With the new 5 and 6 colour presses we are installing we will need increased run lengths and the Platinum will provide us with accurate, high quality plates with run lengths of up to 350,000."

Detailed user case studies are available on request.



* Automate the sending of jobs to your CtP device with the additional option of O2 Output Controller

Whether you choose Platinum 2230, 2236 or 2218, its innovative design and quality of manufacture have resulted in a system with excellent reliability and low maintenance.

Install today and take advantage of all the benefits of CtP!

