



The year 2014 has seen many events in the UK and beyond marking the beginning of The Great war in August 1914.

The total number of military and civilian in this war was over 37 million: over 16 million deaths and 20 million wounded, ranking it among the deadliest conflicts in human history.

In Britain, one of the most striking memorials to the British and Commonwealth soldiers who died was the major art installation Blood Swept Lands and Seas of Red at the Tower of London, marked one hundred years since the first full day of Britain's involvement in the First World War. Created by artists Paul Cummins and Tom Piper, 888,246 ceramic poppies progressively filled the Tower's famous moat between 17 July and 11 November 2014. Each poppy represented a British military fatality during the war.

The poppies encircled the iconic landmark, creating not only a spectacular display visible from all around the Tower but also a location for personal reflection. The scale of the installation was intended to reflect the magnitude of such an important centenary and create a powerful visual commemoration.

All of the poppies that made up the installation were sold, raising millions of pounds which were shared equally amongst six service charities.



Let's hope that our politicians and leaders have more wisdom and resolve for peace than their predecessors 100 years ago.

At Hunter Penrose, we thank our customers and friends for their business over the past year and hope to be of assistance in 2015.



NAUTILUS introduces the latest advances in optical technology which produces the smallest and hardest dot on the plate. The result is high quality plate imaging with the lowest operating cost in the industry. Nautilus was engineered to image all plate formats from 2 to 8-page signatures with resolutions from 1200



dpi to 2540 dpi. With a maximum format of 37.4" x 46.0" (950mm x 1170mm). The standard unit has production speeds over 18 Speedmaster 102 size plates per hour at 2400dpi. The Nautilus keeps multipress environments efficient through flexible, trouble-free performance.

- Engineered for quality with one of the smallest spot size in the industry supporting screen rulings over 200 lpi.
- Our violet laser technology supports traditional, low-chem, and chemistry-free violet plate technologies (see article on Anacoil)
- Flexible – ECRM's patent-pending plate loading and registration system allows for support of a wide range of plate sizes.
- Nautilus employs a simple plate load sequence that will automatically register and punch plates within .001"
- High precision internal drum with vacuum-free operation.
- Speed upgrades available for increased plate production.
- 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.
- Basic electricity requirements and quick installation – no dedicated power line needed. Lowest energy consumption in the industry.
- Modular design keeps maintenance simple and costs low. Simple and intuitive operator interface makes training easy for everyone.



Lo-chemistry Violet Photopolymer plates

More and more CTP users are looking for chemical-free plates to meet ecological targets and save costs. One downside of most of the plates on the market is that chemical-free plates carry quite a substantial price premium. A new plate now available— the Anacoil Nuvio product. This is priced at a level competitive with ordinary chemical developed violet photopolymer plates and lower than other manufacturers' chemistry-free or low chemistry plates

Nuvio has significant advantages

No pre-heat (baking) or (water) pre-rinse (water) steps are required for Nuvio CTP.

This saves our customers a lot of electricity!

Anacoil's Nuvio plate developer is a PH-neutral (Approx PH-7), Non Hazardous material, and also Not Corrosive, so many of our customers can simply put our Anacoil Nuvio plate Developer and our waste down the drain in most "Developed" Countries, since the waste does not need to be treated, unlike many other violet plate developers do. Other companies can use use very corrosive chemicals, and they are also classified as hazardous for shipping purposes too.

Anacoil Nuvio plates only need a Developer/Water Rinse and Finisher type of simple, (and less costly) plate processor.

Anacoil Nuvio will use much less Developing Chemistry than other plates, since we do not need any Hourly or Daily Anti-Ox, PSM, as most other Violet CTP plates do. Users only need to add the amount of developer (so many CC's psm) required to keep the liquid level at the proper height , that is all.

Nuvio does not require any pre-rinse scrub rolls, prior to development.

Customers using existing Violet CTP processors can continue using them, just without the preheat section turned off.

ANCILLARIES AND CONSUMABLES

Hunter Penrose supplies both THERMAL, VIOLET Photopolymer and Conventional UVCTP plates and chemicals as well as blankets, press chemistry and a full range of consumables for the pressroom and finishing department.

Our experience with consumables spans over 120 years . We aim to market high quality but commercially competitive products.

...One-Stop Shopping with Hunter Penrose



CRON FOR BERTIE-JOHN PRINTERS

Leading Lagos commercial printer, Bertie John has just installed a Cron UVP-4648EX+ computer to plate system. The Cron UVP system uses a laser diode exposure source which enables the machine to use conventional positive plates. This produces very substantial savings in platemaking costs since



conventional plates are some 30% less expensive than thermal or violet photopolymer plates. In addition the laser diode light source would be very substantially cheaper than replacement costs for thermal CTPs.

Bertie John Printers has been established for more than 40 years and has a reputation in Nigeria as a producer of high quality printing with many clients



in the corporate sector for products such as Reports & Accounts, prestige colour brochures and marketing material. The company also provides specialist finishing services such as high quality laminating and binding systems.

Owner and Managing Director, Sir Albert Oyenuga, shown in the centre of this picture, says "At Bertie John Printers, we've always prided ourselves at being at the forefront of developments in the printing industry. We aim to offer our customers the high quality results they need in today's demanding market. In the platemaking area, computer-to-plate systems have brought very significant improvements in plate quality. Definitions and resolutions are improved and CTP plates ink up more cleanly and quickly on the press saving press make-ready times and material costs."

The Cron UVP system will work with any reasonable quality positive plate although for best results the Blackwood or Artemis UV-P plates work best at the optimum exposure level for the Cron machine. These plates compare well cost-wise with most low cost positive plates on the market but can use slightly lower exposure levels.

Sir Albert adds "Apart from using the UVP-4648EX+ for our own production work we will be offering an economical and fast platemaking service to printers in Lagos."



PRESS REGISTRATION ISSUES?

NewsWay Press Register – corrects mechanical mis-registration and paper stretching on any press

NewsWay Press Register is a software solution that corrects for mis-registration on the printing press without the need to touch or modify the press. The application can scale, rotate, mirror and shift the image to be exposed on the plate. NewsWay Press Register greatly improves the final print registration and minimizes mechanical adjustment on the press. This is done by processing the 1 bit TIFF of each individual separation (C, M, Y or K) to the appropriate size to compensate for any web press mis-alignment. NewsWay Press Register can operate as a stand-alone server or can be easily implemented within the ProImage NewsWay workflow.

On a cylinder of web press, the paper travels a long distance between plates at a very high speed and tension. When ink and water are applied to it, the paper expands and stretches quite significantly, causing mis-registration of the image. This problem is further emphasized in tall towers where the distance between plates is significant and the paper can stretch, for example, from Cyan to Black by up to 2.5 mm (0.1"). Traditionally, this problem is corrected by the use of tension wheels (also called Bustle Wheels), however, the corrections are not consistent, limited to a specific place on the paper and non linear.

Press Register overcomes those issues by performing precise digital scaling of the entire plate image for each separation at a very high degree of precision. Using a hot folder and an easy to use wizard, the operator defines the plate size, the required registration and angle deviations for each separation (mm or inches). NewsWay Press Register will automatically rescale, rotate and mirror the 1 bit TIFF image data of each plate (while preserving the punch registration marks) and make it ready for exposing on the output device (CtF or CtP). The scaled image will be placed on the plate either with left, right or center justification, to simulate paper stretch on a multiple plates cylinder. It improves the final print quality providing faster make ready while reducing waste.

Main Benefits

- Corrects web mis-alignment
- Compensates for paper stretch
- Resizes rotates and mirrors individual separations
- Preserves positions of existing punch marks
- Supports up to eight color separations

FILM—not out yet

Hunter Penrose still supplies its Huntergen HN imagesetting film, although the rapid move to Computer-to-plate systems means customers are moving to CTP plates and cutting out the cost of film.

However there are still graphic applications where film is the only option. For such customers the problem can be how do they keep elderly film imagesetters and processors going or asking whether its sensible to invest in secondhand equipment of questionable reliability.

An excellent and quite low cost solution might be the Torrentjet Film System.



High quality imaging on film using inkjet technology for fast, clean, eco-friendly graphic arts film positive and negative production.

Produce highly durable films with dMax > 4.5 using the affordable **Torrent Jet** inkjet printing system, utilising the latest Epson inkjet technology combined with the new powerful Torrent RIP software with many unique inkjet to film features and technologies allowing film quality never before seen on inkjet devices. Not only can **Torrent Jet** systems produce top quality films, they can also be used for colour accurate proofing providing two systems in one!

with excellent imaging quality.

Torrent Jet Media - available in 17, 24, 36 and 44 inch rolls for a wide range of applications and printers, giving low ink spread and fast drying times.

Torrent Jet RIP - dedicated, optimised inkjet film prepress RIP.

With the TorrentJet RIP priced at £1,100.00 and a new Epson SC-T3200 at £2,053 including installation. The whole package is £3,153.00.

If you already have a fairly recent large format inkjet printer, then you may need on the RIP and TorrentJet Inks.

Contact us for more information or if you'd like to make product tests.

info@hunterpenrose.co.uk

HUNTER PENROSE



OnColor - Automatic, Intelligent Image Processing - saves ink

ProImage OnColor software maximizes speed of color image processing while ensuring high-quality reproduction, tuned to each printing press.

OnColor automates, simplifies and enhances the processing of color images so that high quality and consistency is continually achieved, whatever the volume. The software has the intelligence to improve images, while speeding throughput to help meet deadlines. This is especially important as newspapers are constantly being asked to produce more color, without being given additional time to do so.

OnColor features include a multi-dimensional technology that automatically analyzes tonal, color and spatial characteristics in every image, then calculates and applies the necessary corrections for optimum reproduction; the ability to automatically enhance all images within a PDF file and to receive and save in a wide variety of formats.

There is no need to pre-sort, predefine, or pre-batch images. ProImage OnColor has the intelligence to remove this labor intensive work, and its speed of processing beats any batch-processing program currently on the market.

Main Benefits

- ProImage OnColor eliminates the need to sort images before processing.
- Professional color conversion, JPEG compression adjustment, descreening resolution enhancement, and noise reduction.
- Multi-script processing for any image.
- Users AppleScripts for better workflow flexibility and integration Integrates seamlessly into operator-controlled, semi-automatic, or fully automated workflows.
- Automation capabilities include XML command from page make-up systems to further automate the whole quality process.
- Retrieves and saves in a variety of file formats.
- Easy to use "Compare" feature lets you Approve or Reject the processed image.
- Interactive edit allows operators to make any final correction they may wish to as an integral part of ProImage OnColor, while comparing the result with the original image.

Hunter Penrose Supplies Ltd
32 Southwark Street, London, SE1 1TU, United Kingdom
+44 207 407 5051 fax: +44 207 378 1800
info@hunterpenrose.co.uk
www.hunterpenrose.co.uk

..... more Cron installations

Berhanena Selam Printing Enterprise was founded in 1921 and is based in Addis Ababa. It is the biggest general printing company in Ethiopia. It provides commercial printing services, book, magazine, and newspaper printing, posters, cards, flyers, brochures, and diary printing. The company is now expanding its security printing services, for passport, lottery and bus tickets, bank cheques, pass books, driving licenses, examination papers, and certificate printing.



In 2014 Berhanena Selam took delivery of two Cron thermal CTP systems from Hunter Penrose, adapted for newspaper / commercial work and for security printing respectively. In the newspaper department, the Cron system adds much additional capacity, often producing 300 plates in a day. The Cron system for security printing is equipped with high resolution for the extremely fine image detail required.

Training, both for the operators and for the maintenance engineers has been provided by Hunter Penrose in cooperation with Cron Europe GmbH, the head office and training centre for Europe, Africa and Middle East. The Cron training centre in Düsseldorf was established in November 2013 and provides regular courses in CTP operation and maintenance, both in Germany and in our customers' own countries, including Ethiopia.

..... and in Abuja and Kano, leading Nigerian newspaper group, Media Trust, installed and commissioned two Cron UVP UV-P machines purchased from Hunter Penrose. These follow two ECRM MAKO News machines supplied some years earlier by Hunter Penrose. The Media Trust team's decision was driven by the very substantial plate savings to be gained from the UV-P platesetters which use conventional low cost positive plates. These savings should recover the total capital outlay in about 4 years.



HUNTER PENROSE