



## Opinion

It has to be said that for the World-wide printing industry, 2015 has not been the best year. At the end of 2014, we felt quite bullish and in a number of our markets, notably in Africa, we felt cause for optimism. A number of the key players there were clearly benefiting from good or improving stewardship and capital investment very definitely picking up.

The worsening situation in the Middle East, particular in Syria, but also in Afghanistan and Iraq has changed that. Apart from being a humanitarian disaster, business confidence has been severely damaged in the region.

The lack of sensible cooperation between the OPEC countries has also caused huge economic damage with very few winners. This time last year, oil prices were around \$114 to the barrel. Now it is \$35. That's price which really suits no one. Not the US, where its fracking operations are now hardly economical, nor countries like Saudi Arabia which is now depleting its huge financial reserves. Arguably countries such as the UK are benefiting through much lower oil import costs, but even here, it risks the economy moving into a dangerous deflationary phase.

Particularly damaged are the large African producers such as Nigeria, whose economy has been so dependant on its oil exports. On the back of the slide in oil prices, the exchange rate of the Naira against most leading currencies has slipped ruinously.

That said, the authorities there have moved quickly to control the position. It's a tribute to Nigerian entrepreneurial determination that business still goes on and capital investment still proceeds—just a bit more slowly.

We sincerely hope that 2016 will see more sense being introduced by those in charge and that this will allow the emerging economies of the World to resume their upward trend.

All of us at Hunter Penrose want to send best seasonal greetings to our customers around the World with our hope for a happy and prosperous 2016.



## GLUNZ & JENSEN

### New plate processor

Glunz and Jensen introduces a the Panther 85T. Designed to give fast reliable and efficient processing of most UVCTp (conventional positive) and thermal plates, the Panther 85T has the durability, high quality and ease of operation associated with all Glunz and Jensen equipment.

The new processor is compact and combine modern touchscreen controls and is competitively priced



|                           | PANTHER 85T  |
|---------------------------|--|
| MODEL                     | 85T  |
| <b>PERFORMANCE</b>        |  |
| Plate Types               | Thermal and conventional   |
| Plate Width (max)         | 864 mm (34")   |
| Plate Length (min)        | 356 mm (14")   |
| Plate Thickness           | 0.15 - 0.4mm (0.006 - 0.016mm)   |
| Processing Speed          | 10 - 30 second developer dwell time  |
| <b>CONSUMPTION</b>        |  |
| Tank capacity (Dev.)      | 43.6 litres (11.5 US gal)  |
| Water (draining)          | 7 litres per metre @ 24 second dev dwell (1,9 US gal per 39,4" @ 24 second dev dwell)  |
| Gum Capacity              | 2.8 litres (0.75 US gal)   |
| Electrical Requirements   | 220/240 VAC Single phase+PE 50/60Hz 20A  |
| <b>GENERAL</b>            |  |
| Dimensions, unit (LxWxH)  | 1150 x 1570 x 1050 mm (45.2 x 61.8 x 43.3")  |
| Weight, unit              | 310 Kgs (683 lbs)  |
| Dimensions, crate (LxWxH) | 1500 x 1680 x 1250 mm (59 x 66.1 x 49.2")  |
| Weight, unit and crate    | 450 Kgs (990 lbs)  |
| Approvals                 | Complies with CE standards   |
| Standard                  | Fully automatic, developing, rinsing, finishing and drying, Automatic and adjustable developer replenishment, Automatic finisher, recirculation and replenishment, Adjustable speed control and developer temperature, Cycling timer, Standard 60 mm, Small feed table               |
| Accessories               | Drip Tray, Developer Chiller, Mechanical Interfaces, Plate Stacker (fully automated), Feed and delivery tables, Online interface for most CTPs, Water savings, Developer 2nd brush, Developer fill pump, Rinse water filter kit, Developer conductivity probe, Container level alarm |



### Mako CTP to become “ECRM CTP”

ECRM announced exciting changes to its internationally famous Mako CTP series product line.

ECRM has sold over 35,000 imaging devices in 110 countries around the world. The Mako CTP products have consistently received the highest quality ratings from our user base. In addition, Mako CTP products continue to maintain the lowest operating costs in the industry requiring few lifetime service calls. The Mako CTP offers great value, high quality, high reliability, and a fast return on investment.

To highlight the improvements, ECRM is now releasing the Mako CTP under the new name “ECRM CTP”. The highlights of the improvements that have been made:

- ECRM is doubling the parts warranty from 1 year to a full 2 year period.
- Hunter Penrose is introducing a new lower pricing structure.
- ECRM CTP show a 20% speed improvement over previous models.
- ECRM CTP is tested and qualified to run chem-free violet plates of all plate manufacturers.
- Improved optical performance allows print shops to run both newspaper and quality commercial jobs on the same ECRM CTP machine. Many traditional newspapers will be able to increase business by expanding sales to include commercial work.
- Continuous reliability improvements have resulted in a big reduction of service calls
- ECRM CTP products are environmentally friendly. Electricity requirements are similar to that of a standard light bulb.
- Continuous reliability improvements will allow automated machines to run extended periods of time with no intervention required. Perfect for "lights out" operation of the prepress department.
- ECRM CTP supports 64 bit technology
- ECRM CTP can run all violet plates currently released in the market.
- ECRM CTP continues to have the lowest operating costs in the industry
- Hunter Penrose can offer a trade-in credit for existing Mako CTP units.



## New Hot-melt Binder



**PHOENIX** is the most economic, reliable PUR / Hot melt closed tank binder in the market. It's a compact jigh performance machine for binding books and photo-albums.

The gluing system with its sealed circuit, odourless and without fumes emissions, integrated with the cleaning system, allows quick maintenance.

The simplified mechanical setting of the machine reduces setup time and wastage.

For a perfect and professional preparation of the book spine to be bound, the machine has a milling tool specially made for low emission of residual dust.

The pressing station is fully self-closing from minimum to maximum thickness. The cover feeding is a manual operation.

The glue coating device can be used both for PUR glue and/or for hot-melt and is equipped with vertical extruders, for perfect spine and side gluing. The glue cut-off is very accurate, both for the back and for the laterals. Fully designed and produced in Europe.

Book size min./max. L x H 120 x 110 / 380 x 320

Cover size min./max. 120 x 220 / 380 x 700

Block/spine thickness 1 – 50 mm

Cycles per hour 200

Milling equalization (single sheet) 0,5 mm

Milling depth (folding paper) 2 mm (optional)

Fibre opening tools special low residual dust emissions

Paper chip suction device

Device PUR/ Hot Meld for gluing milled or sewn book spine-no emissions

Device PUR/ Hot Meld for gluing one or two side of book block – individually selectable-no emissions

Capacity of tank PUR/ Hot Melt - Kg 1

Cut-off glue - spine and side

Automatic cleaning and sealing of the glue application unit

Nipping station device “self-adjusting” manual handling or electrical (optional)

Power requirement 220V/single phase-50/60 Hz-3 Kw

Machine dimensions L 1270mm – H 1100mm– P 800mm (standard)

Machine Weight Kg 240

Further information from [info@hunterpenrose.co.uk](mailto:info@hunterpenrose.co.uk)

## A Tale of Two Cities

### ADDIS ABABA

This year, Cron CTP, via Hunter Penrose, has certified two new engineers in Ethiopia, Michael Kifle and Mesay Gebray, who received their certificates in September after an intensive 2-week course at the Cron CTP factory.

At Berhanena Selam, the two Cron CTP systems are working day and night to keep up with the demand for books, examination papers, and security printing as well as the daily and weekly newspapers.

Ethiopia leads the African continent in population and GDP growth, according to OECD and World Bank statistics. The capital, Addis Ababa is responding fast, with its new roads, modern housing developments and mass transit urban railway.

With the demand for print constantly growing, essential assets such as CTP machines must be kept working all the time at optimum speed and quality of output. Consequently, Berhanena Selam has invested wisely in 2015 by increasing their inventory of spare parts and plates from Hunter Penrose. With regular service checks by our resident local engineers, the two Cron TP-4664 systems and ECRM Mako News, with their autoloaders and automatic plate punching, can be relied upon to deliver on-target speeds and accuracy day and night throughout 2016 and beyond.



*Cron TP-4664EX+ with autoloader at Berhanena Selam*

### ABUJA

With a population approaching 200 million spread over an area of over 900,000 sq km, Nigeria presents a huge logistical challenge for the delivery of trustworthy news reporting in print – an essential medium where internet and TV coverage are not always available.

The Federal Capital of Nigeria, Abuja, is home to Media Trust, publisher of Daily Trust newspaper and printer for several other titles. Media Trust has expanded its activities in 2015, completing its impressive new head office building, and opening a new print production facility in Lagos, with an ECRM Mako News CTP system from Hunter Penrose, and Goss Community press.

Now with four CTP systems, Media Trust has a programme of scheduled service visits by our local engineers, who have been trained at both ECRM and Cron CTP factories. With a synchronised programme of consumables supplies, Media Trust will be reaping the benefits of its skilful and sophisticated production management and procurement teams through 2016 and beyond.



*Media Trust Head Office*



*Cron UVP-4664GI+ Media Trust*

**HUNTER PENROSE**

## PLATE OVENS

Extend the life and run-length of your plates and save money on long print runs – with a Hunter Penrose plate oven. Run lengths up to one million impressions. Also increases resistance to UV inks.

1. HP Plate Baking Oven has automatic homothermal control at normal temperature to 250 degree Celsius.
2. Uniform temperature and stable cycling of hot air of HP Plate Baking Oven prevents the offset plate from distortion.
3. Stainless steel framework of HP Plate Baking Oven works without any degradation to the offset plate.
4. HP Plate Baking Oven's top quality heat insulator guarantees fast warming-up.
5. Upright double plate format of HP Plate Baking oven reduces heat bleeding, thus saving energy.



Further information from: [info@hunterpenrose.co.uk](mailto:info@hunterpenrose.co.uk)

## 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***

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](mailto:info@hunterpenrose.co.uk)  
[www.hunterpenrose.co.uk](http://www.hunterpenrose.co.uk)

## New UVCTp plate



Hunter Penrose market the Cron UV-P series of platesetters. These machines share a lot with thermal CTPs with the difference being that UV-P uses conventional positive-working plates. Conventional litho plates are quite significantly lower priced than thermal plates and therefore, for the larger-volume plate user such as newspapers and large commercial printers there can be a much lower expenditure on plates. Our experience shows that the annual saving for larger users can mean that the complete capital cost of the system is repaid over 4-5 years.

Reprographic quality of UVCTp plates is virtually indistinguishable from thermal plates.

As an added bonus, since the UVCTp systems use a large array of laser diodes as the exposure source, replacements, when needed, are a fraction the cost of thermal laser sources.

Most conventional plates work in UVCTp systems, which can be adjusted to suit different exposure requirements. However, for best results and operating economy, we'd recommend using one matched to the system. The latest such product from Hunter Penrose is the Artemis UV-2.

Its high-sensitivity diazo emulsion makes **Artemis UV-2** the ideal positive UV laser plate for use with Cron UV-CTP systems. Artemis UV-2 can also be exposed to film in a conventional plate frame.

### DESCRIPTION

Positive UV (CTCP) aluminium offset plate

Thickness: 0.15, 0.30, 0.40mm

Coating colour: Blue

Contrast after development : High

Spectral range: 405-410 nm.

Laser power: 45 mw/cm<sup>2</sup> ± 5mw

Screen reproduction: 1% - 99% at 2400dpi

Safelight: Yellow light. Short duration in subdued daylight is possible.

### EXPOSURE

Recommended exposure for Cron UV-P CTP: 900-1000rpm, 60-70mw

### DEVELOPMENT

Use developers and processors adequate for UV-CTP plates.

**HUNTER PENROSE**