SOS

Service Offset Supplies

Pre-Press • Press Room • Wide Format
CATALOGUE

Over **50** Years

50 YEARS OF PARTNERSHIP AND SERVICE TO THE PRINTING INDUSTRY

Since 1972

... more than just a supplier

www.serviceoffsetsupplies.co.uk

welcome

Over 50 Years
50 YEARS OF PARTNERSHIP AND SERVICE TO THE PRINTING INDUSTRY
Since 1972

We offer a huge range of day-to-day offset, digital and wide format supplies, plus an impressive portfolio of capital equipment with some unique and market-leading products.

CONSUMABLES STOCKED

- Fuji CTP Plates and Chemistry
- Kodak CTP Plates and Chemistry
- Cron CTP Blackwood Plates and Chemistry
- Agfa Film and Chemistry
- Inkjet Media for Waterbased, Solvent and UV Inkjet Printers
- Flint and Sun Chemical – Inks & Varnishes
- Washes, Founts, Coatings, Blankets & Sundries

EQUIPMENT

- Cron, Screen, Kodak and Lüscher CTP Systems
- Fuji CTP and XMF Workflow Systems
- Kodak CTP and Prinergy Workflow Systems
- Screen CTP and Equios Workflow Systems
- Epson and Roland Wide-format Printers
- Roland and Focus UV Wide-Format Flatbed Printers
- Vivid, Sinajet, Titanium, Ameida and iEcho Flatbed Cutters
- Konica Minolta Digital Presses

... more than just a supplier

SOS
SERVICE OFFSET SUPPLIES

Here at SOS, we aim to supply the UK printing industry with the best solutions available from around the world of print.

For over five decades, we've been one of the UK's foremost suppliers of printroom products, which now include a full range of digital supplies as well as traditional litho plates, inks and other consumables.

We are also a major supplier of capital equipment from some of the world's biggest names such as Screen, Epson, Roland, Konica Minolta and Cron.

Whether it's hardware or software, big capital equipment or consumable products, SOS has it covered!

SERVICE - IT'S IN OUR NAME!

When you buy from SOS you get the support you need for the full working life of your purchase, from sale to installation and onwards.

As an independent supplier we are unique in providing our own dedicated CTP service team covering the country, and we offer a full range of service contracts. We believe in the value of long-term working relationships with our customers - we won't let you down!

JOINING THE DOTS

Because our product range and expertise is so wide, we are truly a one-stop shop for the modern professional printer.

As fully accredited Fogra print experts we offer a total calibration service, ensuring colour consistency from every device - and our software and workflow solutions can link your print operation together.

Contents

PLATES

CTP

INKS

PRESSROOM

DIGITAL PRESSES

FLATBED WIDE FORMAT PRINTERS

HYBRID WIDE FORMAT PRINTERS

ROLLFED WIDE FORMAT PRINTERS

WIDE FORMAT CUTTERS

WIDE FORMAT ACCESSORIES/MEDIA

COLOUR MANAGEMENT

RIPS AND SOFTWARE

Fuji Processless Plates

Superia ZX Plate

PROCESSLESS GOES MAINSTREAM
Superia ZX is the latest and most advanced processless plate from Fuji. It enables any short to medium run commercial printer to take advantage of all the benefits of going processless. No water, no waste, no processor – the plate just needs to be imaged and mounted on press, to make it the most efficient offset production process.

HIGHER DURABILITY
Due to Extreme Adhesive Bonding Technology, run length has increased dramatically. This performance will stably provide high printing quality even on the long run jobs.

BETTER VISIBILITY
Due to High Colour Generation Technology, image visibility on the plate has improved. This performance will enable the customer to check the information on the plate easily, preventing the mistakes on site.

ROBUST SCRATCH RESISTANCE
Processless Gumming Technology will prevent the ink stains caused from scratches, by hydrophilizing the surface of the aluminium. This performance will enable the customer to handle the plates without any stress.

LH-PLE Plate

UV COMPATIBLE

LH-PLE is the flagship thermal plate from Fuji, which works with UV inks on medium print runs without the need for baking. This results in faster platemaking and quicker make-ready on press giving savings in both areas.

MULTIGRAIN TECHNOLOGY

A complex grain structure, consisting of primary grain, honeycomb grain and micropores to an aluminium support. This 'multigrain' structure produces synergies that lead to outstanding printing efficiency, faithful tone reproduction, long process life and simple platemaking.

HIGH SENSITIVITY

LH-PLE plates benefit from a highly sensitive emulsion, requiring minimal laser power and resulting in faster platesetter production (platesetter dependent). LH-PLE plates are high speed, high quality thermal plates, assuring fast productivity in demanding commercial print environments.

FAST AND SIMPLE PROCESSING STAGES

LH-PLE processing stages are some of the fastest in the market as there is no requirement to pre or post-bake the plate. This reduces the space required for additional equipment, reduces the capital outlay, means fewer opportunities for error and greater overall savings. The processing stages are simple and fast with a normal dwell time in the developer bath of 15 seconds.

QUALITY AND FM SCREENING

The new emulsion technology adopted by Superia LH-PLE allows high quality conventional and FM screen printing.

Sonora Ultra

XTRA CLEAR

SONORA Plates are quick enough for the fastest platesetters, so you can get more out of your existing equipment, or you can upgrade your CTP to get to press even faster. With the T-speed KODAK MAGNUS Q800 Platesetter, you can image up to 84 SONORA Plates per hour.

ULTRA TOUGH

A tougher substrate and more durable coating make SONORA Plates robust enough for just about any print environment. And thanks to SONORA's enhanced scratch and scuff resistance, you can keep the presses running with no slowdowns.

XTRA LONG RUNS

Meeting the needs of most printers currently using unbaked processed plates – with run lengths of up to 400,000 impressions on web presses, 250,000 impressions on sheetfed presses, and 100,000 impressions for UV-ink applications.

BECAUSE LESS IS SO MUCH MORE

By eliminating the need for chemicals, water, and electricity from processing, SONORA Plates help you reduce environmental waste, meet local regulatory requirements, and appeal to customers concerned about sustainability.

LESS WATER

SONORA Plates help printers do their part by completely eliminating the water used in prepress
• No water to rinse the plate in a plate processor
• No water to mix concentrated chemistry
• No water to dilute your finishing gum
• No water to clean the plate processor or clean-out unit

LESS ENERGY, LESS WASTE

When processing plates, thermal plate processors use on average 3.15 kWh for small units and 4.5 for larger devices. SONORA Plates eliminate plate processing and baking, saving energy. SONORA Plates eliminate all processing chemistry, including all the hassles and costs of handling, shipping, storage, and disposal.

SAVE COSTS TOO

Reducing waste in the pressroom is an enormous opportunity for savings. With SONORA Ultra and SONORA XTRA, you save time, paper, and money in the pressroom with faster makereadies and greater dot stability. And no more plate processing means no more waste or press downtime because of plate processing defects.

**SONORA ULTRA PLATE
1.5X STRONGER CONTRAST THAN SONORA XTRA**

Electra XD

Kodak

Designed to give you the ability to differentiate yourself over your competition, Kodak Electra XD Thermal Plates enable an environment for extremely high resolution output with the confidence of day-in and day-out consistency, exceptional press performance, and the versatility to adapt to most print conditions and run lengths.

Electra XD Plates perform exceptionally well in prepress and in the pressroom, where they are rated for up to 350,000 impressions without baking. Electra XD Plates can be baked for run lengths of 1 million impressions and for additional durability with harsh press chemicals and UV.

These plates deliver stability and latitude in imaging, processing, and on-press performance.

HIGH QUALITY AND EFFICIENCY
Electra XD Plates deliver extraordinarily sharp detail and stability, reducing plate remakes and variation due to dot wear and sharpening during the press run. Fast imaging and processing help maximize total throughput of the complete prepress system.Electra XD Thermal Plates offer an exceptional combination of quality, stability, productivity, consistency and durability, making them an excellent choice for high-quality commercial and publication printing — from the shortest to the longest run jobs.

MINIMIZING ENVIRONMENTAL IMPACT
With the Kodak 400 xLo Chemistry System (KODAK 400 xLo Plate Solution and KODAK 400R xLo Plate Replenisher) you can experience all of the proven benefits of the Electra XD Plate with low chemistry usage and generated spent chemistry, extended bath life and cycle length requiring fewer interventions— all without the need to purchase a new plate processor. The Kodak 400 xLo Chemistry System can save you time and money while contributing to your sustainability goals. Press makereadies are extremely efficient with these premium plates, minimizing paper and ink waste while maintaining wide latitude on press.

Trillian SP

Kodak

BETTER FOR YOUR BUSINESS, BETTER FOR THE PLANET
Commercial printers face competitive pressures to improve efficiency and reduce turnaround time, while increasing consistency and quality. Kodak Trillian SP Thermal Plates help printers meet these challenges with an impressive combination of outstanding productivity and performance, significantly lower total cost of use and reduced environmental impact when compared with typical digital processed plates in the market today.

Trillian SP Plates feature a proprietary negative working coating that provides high productivity, strong resolution, excellent chemical resistance and image durability* without the need for post baking.

Trillian SP Plates deliver sharp detail and stability for short and long run AM and FM applications, with up to 500,000 impressions*, even in harsh chemical environments. They are ideal for a variety of applications, including small and large commercial sheetfed and commercial publication (book) applications and certain heatset web, offset packaging and UV print applications.

EXCEPTIONAL PRODUCTIVITY AND EFFICIENCY
Trillian SP Plates offer extremely fast processing speeds, and removing preheating and potentially postbaking improves turnaround time and the overall efficiency of the plate making process.

Press makereadies are extremely efficient with Trillian SP Plates, minimizing paper and ink waste. In addition, wide latitude and stability on press mean you spend less time overseeing the process and adjusting for variations.

REDUCED TOTAL COST OF USE
Not only do Trillian SP Plates eliminate the need for preheat ovens, this revolutionary plate enables simplified processing in an easily maintained system and delivers rock-solid stability and extremely wide operating latitude. Utilizing up to 70% less chemistry* than previous plate systems,Trillian SP Plates significantly reduce chemistry, storage and disposal costs. Compatible with most legacy Kodak Plate Processors, Trillian SP Plates use a low replenishment plate solution that delivers significantly longer processing cycles, reduces overall chemistry consumption and generated waste, helping printers to minimize their environmental impact while reducing their costs.

Blackwood HUV-PXX

Blackwood UV plates combine the qualities of a first-class aluminium base, with fine graining for even damper distribution, together with a coating which has a high sensitivity, excellent plate adhesion and robust performance.

The net result provides excellent dot reproduction, perfect ink/water balance and long run lengths for both commercial and newspaper applications.

Key Points:
- Quality and FM screening capability
- Runs at 100% of CTP engine speed

Thickness	0.15 - 0.4 mm
Exposure power	45-55 mJ / cm^2
Resolution	1-99% 350 lpi
Run length	> 100,000 impressions*
	> 25,000 impressions**
Shelf life	18 months
Storage	Avoid direct sunlight, temp. 10-30˚C
Surface plate	Blue colour
	* unbaked with standard inks ** unbaked with LED-UV inks

CRON BLACKWOOD

Silver Digiplate

Silver Digiplate (SDP) is an extremely advanced offset-plate technology based on the same principles as silver-halide photography; SDP plates are exposed directly in a polyester plate imagesetter or other film imagesetter, without any intermediate processes.

Silver Digiplate is available in the form of polyester or paper based plates.

Silver Digiplate is distinguished by its excellent workability despite the minimal process maintenance requirement. SDP is compatible with the majority of laser imagesetters and is ideal for use with conventional offset presses.

MITSUBISHI PAPER MILLS LIMITED

Available in the following widths:

Silvermaster	SDP-FRS175	**370mmx61m**	(S1520)
Silvermaster	SDP-FRS175	**400mmx61m**	(S1520)
Silvermaster	SDP-FRS175	**410mmx61m**	(S1520)
Silvermaster	SDP-FRS175	**454mmx61m**	(S1520)
Silvermaster	SDP-FRS175	**510mmx61m**	(S1520)
Silvermaster	SDP-FRS175	**745mmx61m**	(S1520)
Silvermaster	SDP-FRS175	**340mmx61m**	(S1520)
Silvermaster	SDP-FD175	**340mmx61m**	(S1520)
Silvermaster	SDP-FRS175	**340mmx61m**	820RSD

- **Economical CTP solution for the small and mid-sized format**
- **Perfect for short-run printing**
- **For high-quality commercial printing**
- **Extremely environmentally-friendly process – low CO$_2$ emission**

Flexo plates

WATER WASHABLE
Flenex water-washable flexo plate system is new system that provides the highest print quality and productivity, while significantly lowering the cost-in-use compared to thermal, solvent or other water-wash plate technologies.

FLAT TOP DOT STRUCTURE
The rubber-based compound means a 1% flat top dot can be achieved without complex systems to eliminate oxygen, and results in lower dot gain. In addition, better ink transfer produces noticeably cleaner and brighter print results.

HIGH QUALITY PRINT
The Flenex water-washable plate system does far more than simply eliminate the need for solvents and wicking cloths. It delivers longer runs while producing a consistent 175lpi at 4,400 dpi, 1% process dot structure for superb high quality print.

HIGH PRODUCTIVITY
Flenex water-washable plates reduce platemaking processing times to less than 40 minutes, 300% faster than leading solvent systems and 1.5 times faster than current thermal and water-wash technologies. Faster platemaking means more time on press and a dramatic increase in output per shift, freeing you to redeploy labour to more value-added activities

LOWER COST
Because of the simplicity of Flenex plate processing, the expense of higher-cost solvent and thermal processors as well as potential upcharges on associated consumables is avoided. The Flenex system therefore represents the lowest cost in use for the production of flexo plates.

FUJIFILM
Flenex

Water washable flexo plate

Flenex FW water-washable plates

Cron CTP Systems

With over 6000 installations worldwide, CRON is now one of the world's leading producers of CTP (Computer-To-Plate) equipment. They are now manufactured in a state-of-the-art factory to ISO9001 and ISO140001 standards. Unlike many of its rivals, Cron manufactures every component itself (with the exception of the lasers), and extensive investment in R&D has led to several innovative features, common to all Cron models.

Patented systems
The current Cron range incorporates some genuinely unique technology. The new dual-drum machines are the fastest and most productive systems on the market. For example, the laser head transport system employs a frictionless magnetic laser carriage for greater accuracy and reliability, requiring no maintenance – a big improvement on the 'worm screw' design found on rival machines. Cron has patented automatic laser focusing, patented internal temperature control, and a patented side gauge system – all of which add up to a reliable plate registration accuracy to within 10 microns.

CRON

Highly configurable
The Cron range is highly configurable and spans every conceivable format from B3 up to VLF ('Very Large Format'). The more popular formats are the 26 (B3) and 36 (SRA1) – the latter being the perfect companion to produce 8-up work with machines such as the Ryobi and Komori which offer considerable cost savings compared to full B1 machines. All variants include built-in punch systems and punching on all models is accurate up to 0.01mm. With resolutions up to 9,600dpi possible, accuracy is maintained even at a microscopic level.

Plate and workflow compatibility
Cron equipment is compatible with all major plates including processless; and they will also fit seamlessly into all existing pdf workflows, although SOS will supply its own workflow if required.

- **Manufactured to ISO9001/14001**
- **Compatible with most plates and any PDF workflow**
- **Over 6000 installations worldwide**
- **Several unique and patented features**
- **Highly configurable to suit your work profile**
- **Low investment cost, low lifetime cost**

46H+

The new B1 FORMAT Cron 46H+ offers integrated automatic loading, quality imaging, online-punching and other functions in one package. This model incorporates a new user interface and upgraded plate loading system, with a choice of three autoloader options.

H series

Cron's H series (B3 to B1) features integrated automatic loading, quality imaging, online-punching and other functions in one package. It is simple, stable, refined and efficient. The 'H' variant offers a unique space-saving 3-in-1 design, with autoloader, de-interleaving and punching built in. This means it is around two-thirds the size of equivalent alternatives.

G+ series

The G+ series (B3 to B1) is a fully automatic CTP system with auto-loading and inline punch. Through technological innovation, it uses the advantages of automation, stability and compatibility to the limit.

Dual Drum

Cron has launched the world's first dual-drum CTP machines, which are the fastest in the industry. A unique design means the new DD858 and DD870 are able to process two plates simultaneously, making them capable of producing up to 70 plates per hour, providing the ultimate in productivity.

Autoloaders

A CRON autoloader enables fully automatic plate feeding and slip sheet removal. Single and multi-cassette autoloaders are options. The highest capacity autoloader can hold 200 plates 26G+ (B3), 500 plates on the 36G+ (B2) and 46G+ (SRA1). Multi-autoloader affords at most 3 different plate formats.

Processors

SOS Apex supply a robust range of processors catering for today's production demands ranging from Fuji's lo-chem ZAC FLH-Z Intelligent Processors to the Heights iNDiUM 85 and TiTANiUM 125 processors. These are high-end, compact, high productivity models and are available in Conventional and Thermal Plate Processing enabling support to the larger platesetters.

Large format CTP for high volume/packaging

CRON VLF

CRON's large format platesetters (66" & 72") are designed for commercial web offset applications and large format sheetfed presses for poster and carton work. They are based on a new generation platform which offers enhanced reliability, ease of use and serviceability.

KRAUSE
Powerloader XL

The perfect partner to the Cron VLF large format CTP for the high volume user is the Krause Powerloader XL, which automates plate loading. Simply load up a palette of plates - optionally two - and let the Powerloader do the rest.

One or two loading bays

20-40+ plates per hour

Gentle treatment of sensitive plates

Higher efficiency for your platesetter

Reduce manual plate handling

Reduce waste

Produce nonstop

Access to two formats from pallets concurrently

Automatic format recognition

Multi DX

lüscher
Technologies

Lüscher is one of the world's foremost manufacturers of large format platesetting equipment with a range of printing applications including offset, flexo, screen printing (rotary and flat), textiles, stamping & embossing, security, pad and film.

One for all - the universal flatbed imagesetter

- **Label Printing**
- **Images Flexo, Lettterpress, Flat or Rotary Screens**
- **Full HD Flexo printing**
- **Embossing with Copper and Magnesium Cliches**
- **Flat and Rotary Screen Printing**
- **Printing on Cans, Cups, and Tubes**
- **Pad Printing: Steel or Polymer Cliches**
- **Industrial Printing**

PRODUCT FEATURES

MAXIMUM PRODUCTIVITY	Almost any flexible or rigid form can be imaged in the highest quality at a resolution up to 10,150dpi - and productivity can be increased by 100% by doubling the number of lasers. Setup times are reduced via a custom built registration system.
CONSISTENT EXPOSURE QUALITY	Lasers are checked and adjusted prior to exposure, and a dynamic auto focus system compensates for any unevenness in the plate material.
LOW POWER CONSUMPTION	Operation is very user-friendly - and average power consumption is less than 1KWh.

The world's only all-in-one system!

Lüscher CTP Systems

Xpose

lüscher
Technologies

Lüscher Technologies has used its 70 years experience in machine construction to produce the unique XPose hybrid imaging system. Depending on the application, two different types of laser diode can be combined, allowing for different print markets to be catered for in one machine.

Multipurpose applications

- Rotary Screens
- Letterpress plates
- Waterless offset plates
- Flexo printing plates
- Thermal offset printing plates
- Conventional offset plates
- Film, Diazo and ablative
- Accent coating plates

PRODUCT FEATURES

UV-FLEX WITH 405 NM UV AND 940 NM IR DIODES — With this combination, any UV sensitive material and any ablative plate can be imaged easily, quickly and safely. This applies to conventional offset plates, rotary screens, letter press and flexo plates.

UV-FLEX THEMAL WITH 405 NM UV AND 830 NM IR DIODES — With this combination, any UV sensitive material and any thermal printing plate can be processd quickly and in highest quality in one machine. This applies to conventional offset plates, rotary screens and any conventional thermal offset plate.

T-FLEX 830 NM IR AND 940 NM IR DIODES — With this combination, any ablative plate and any thermal plate can be processed quickly and safely in one machine, such as letter press plates, flexo plates or thermal offset plates.

Screen CTP Systems

PlateRite 4600Z/S/E

SCREEN

B1/B2 FORMAT

SCREEN's new PlateRite 4600Z, S and E CTP systems enable consistent production of high-quality printing plates. The high-end PlateRite 4600Z delivers an impressive throughput of up to 33 plates per hour.

The exposure heads used in the PlateRite 4600 series have been enhanced with the addition of new fibre laser diodes. These diodes enable the reproduction of sharper halftone dots, significantly improving print quality.

All systems can also be equipped with an option that supports plate sizes smaller than the standard settings (270 x 278 mm).

Advanced 4/8page thermal CTP systems with innovative optical technology deliver outstanding reliability

Autoloader streamlines production
An autoloader system can be installed to automate all processes from plate loading through exposure, transport and developing to discharge.

The autoloader supports extended periods of continuous operation and allows plate sizes not set in the cassette to be loaded manually during processing.

Automation

MA-L4600 multi-cassette autoloader
Accepts three cassettes containing up to 100 plates each (total of 300 plates)

Automation

SA-L4600 single-cassette autoloader
Accepts a single cassette containing up to 100 plates of the same size

Kodak CTP Systems

Achieve T400/T800

B1/B2 FORMAT

The KODAK ACHIEVE T400/T800 Platesetter delivers the stability and reliability of Kodak's thermal CTP technology at exceptional value. This robust external-drum thermal CTP device offers reliable plate making of up to 22 8-page plates per hour, and affordable automation options are available.

Kodak

- **Kodak thermal light-drive technology**
- **New multi-cassette option**
- **Five automation options**
- **Mobile remote CTP control app**
- **Low power imaging**

Semi-Automatic (SA)
Standard. Semi-automated plate loading and unloading.

Auto Unload (AU)
Semi-automated. Manual loading, automatic unloading to plate processor or stacker; optional automatic plate rotation.

Autoloader (AL)
Automated plate loading and unloading of up to 80 plates without slip sheets (0.3 mm); optional automatic plate rotation.

Single Cassette Unit (SCU)
Fully automated; holds up to 120 plates (0.3 mm) of the same size and thickness with slip sheets. Optional automatic plate rotation.

Multi-Cassette Unit (MCU)
Fully automated; holds up to 480 plates (0.3 mm) in 4 cassettes, each containing up to 120 plates of the same size and thickness with slip sheets, enabling up to 4 different plate sizes online.

Cron Flexo CTP

CRON HDI

HDI-400

HDI-600

HDI-800

CRON's ground-breaking HDI prepress solutions are designed to support the needs of today's packaging converters, delivering superior quality output and maximum efficiency for a wide range of flexible packaging and label applications. Until now, prepress solutions for the Flexo and Letterpress markets have been costly and expensive to maintain. As a result, many label and packaging converters and printers were forced to outsource their pre-press requirements.

CRON's competitively priced HDI solutions are a game changer. Now plate production can be brought in-house, significantly reducing plate costs and drastically lowering lead times. Available in three different models, CRON HDI products benefit from more than 25 years of technological development and come as a complete package, with integrated ablation dust filter system and an open TIFF interface that accepts files from all leading design and workflow systems.

The new HDI Flexo H+ series models feature high power lasers that deliver almost double the production speed of previous models, and can achieve resolutions up to 9600 dpi. This makes CRON H+ models ideal for fine labelling and packaging work.

All model formats in the CRON HDI Flexo range come with market-leading precise laser technology, yielding standard resolutions of 5080 dpi. Producing incredibly smooth gradations and superbly round dots whatever the output speed, the CRON HDI Flexo range brings digital image control to Flexo and Letterpress plate imaging.

- **Resolutions up from 2,400 to 9,600dpi**
- **Linear magnetic drive scanning system**
- **Built-in de-dusting**
- **High resolution SMFO technology**
- **Individual laser replacement for reduced maintenance cost**
- **Refined external drum - surface flatness to within 5µm**
- **Unique V shaped guide**
- **Constant temperature and dual cooling system**
- **Dynamic balancing system for any thickness of plate**

Flint Inks

Four Colour Process & Sealer

NOVASENSE® P670 PRIME

Novasense® PRIME is a low-odour and low-migration special process series which has been developed specially for sensitive food and semi-luxury food applications, where there is no direct contact between the printed image and the contents of the package.

Further advantages of the series are very good printability and a high press stability. Due to its very high colour strength Novasens® P 670 PRIME allows printing with a very low ink film thickness, resulting in fast setting and brilliant performance in terms of inline-coating.

ULTRACURA® 8000UV

A highly reactive UV ink series with a high rub resistance. The series is supplemented by the UltraCURA FAST Process Yellow with advanced resistances. Combining highest stability and printing performance. It is suitable for commercial and non-food packaging application.

NOVAVIT® F100

Novavit® F 100 is a fast oxidative drying, very fast setting process ink series. The benefits of Novavit® F 100 are very fast setting, very rapid further processing, excellent rub resistance and good print sharpness.

FlintGroup

NOVAVIT® BA9704 BIO

Suitable for most diverse substrates, Novavit® BA9704 BIO is also ideal for picking sensitive papers and provides maximum substrate choice flexibility. It is a colour-intense, duct-fresh, very fast setting process ink series that is based on renewable raw materials.

SILKOSEAL QUICKSET SEALER

A versatile all-purpose sealer.
● Low tack, fast back up for work and turn
● Good whiteness, good UV varnishability
● Fast drying on paper and board substrates
● Non yellowing, duct stable
● Semi-matt silky finish
● Excellent scruff and rub resistance

Sun Inks

Four Colour Process

SUNLIT DIAMOND

An excellent all-rounder, SunLit Diamond is based on an innovative resin/oil combination providing robust lithographic stability and optimum press performance. It is fast in colour and shows very low misting on modern high speed presses. On most substrates, fast setting and rapid drying allow quick work and turn. SunLit Diamond is suitable for publication and commercial printing, packaging and wet glue labels.
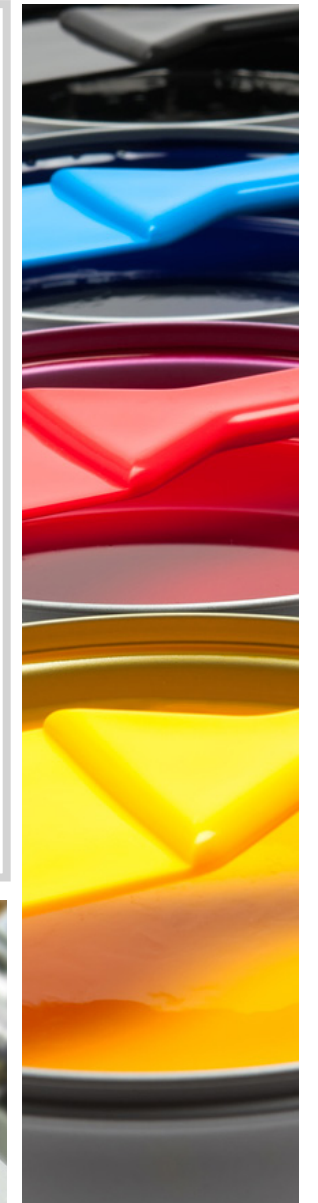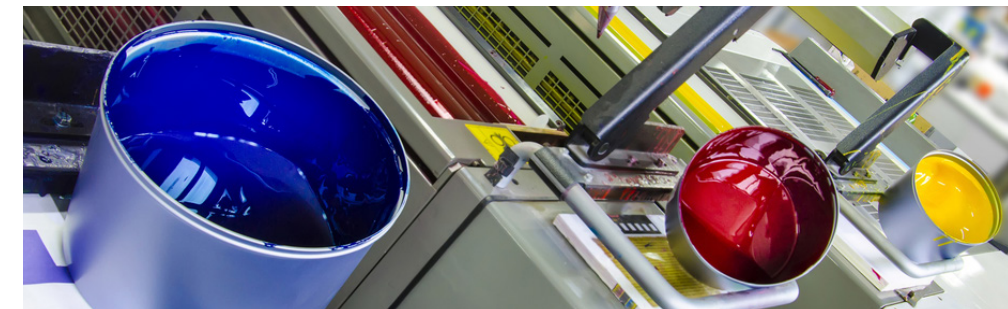
SUNLIT EXPRESS

Another great all-rounder, Sunlit Express is a high productivity sheetfed offset ink series for 4 colour process printing and specially formulated for fast work and turn. Can be used on all types of sheetfed presses.

SUNLIT INTENSE

By its excellent lithography and mechanical resistance, SunLit Intense is the preferred solution for highest quality print work of standardised (ISO 12647) at elevated colour strength and print contrast.

SUNWAVE LUMINA

SunWave Lumina LH is a set of high performance, low hazard, UV curable, lithographic offset process inks designed for printing in commercial and non-food packaging applications, using the latest generation of state of the art 'low energy' LED and UV curing lamp technologies. It offers excellent lithographic performance and stable printing with minimum wash ups.

Premium Print

The Premium Print Series is a modern allround series designed for the widest possible field of applications. This series is suited for almost any type of printing machines (perfecting machines as well as straight printing presses). It is free of mineral oil and based on renewable raw materials.

Due to its universality the Premium Print Series is especially suited for large corporate groups with different manufacturing bases and various printing machines, and offers by using only one type of ink best preconditions from ink side to achieve identical print results.
The Premium Print Series is characterized by:

• Excellent runability
• Good cylinder rolling
• Excellent ink/water balance
• High ink intensity
• Very good abrasion resistance
• Suitable for IPA free printing

The medium speed of setting of the Premium Print Series enables printing on almost all kinds of absorbing papers.

As a modern ink series Premium Print fulfills all requirements of ISO-Norm 2846-1. Its intensity and dot sharpness allows the printer to meet all requirements of ISO-Norm 12647-2 regarding the ink properties, as well as achieving a very neutral grey-balance.

epple
DRUCKFARBEN

Our ink suppliers **Flint, Sun Chemical and Epple** have for many years been at the forefront of technology concerning the specification and supply of special matchings.

They are Pantone approved suppliers of standard Pantone blending inks and special Pantone matchings. All inks are tested and approved annually to ensure shade and strength conform to Pantone specification. All approved Pantone inks are the same strength and shade from all suppliers, if there are differences the inks cannot be Pantone approved.

We only supply Pantone inks formulated to give excellent ink/water balance, high gloss, high rub resistance and quick setting. They are duct fresh overnight and are suitable for gloss, matt and silk papers, although varnishing is recommended on matt and silk papers to optimise rub resistance.

Pantone®
Process Magenta C

PANTONE SPECIFICATION	LIGHTFASTNESS
PANTONE YELLOW 012	5
PANTONE YELLOW	4-5
PANTONE ORANGE 021	5
PANTONE WARM RED	3
PANTONE RED 032	5
PANTONE RUBINE RED	5
PANTONE RHODAMINE RED	4
PANTONE PURPLE	3-4
PANTONE VIOLET	3-4
PANTONE REFLEX BLUE	3
PANTONE BLUE 072	4
PANTONE PROCESS BLUE	7-8
PANTONE GREEN	8
PANTONE BLACK	7-8
PANTONE TRANS WHITE	N/A
OPAQUE WHITE	N/A

Lightfastness is an important consideration especially when producing work for display work i.e. posters. The Lightfastness figures are detailed above and relate to the full strength colour, if the colours are weakened with tint medium or printed as a screen these figures will be reduced.

PANTONE PMS MIXES
Using the high concentrate colours and bases our PMS mixes are high in colour and quality from 1Kilo to 100 Kilos. And using the latest in software and hardware, we can offer the very best in colour matching.

PANTONE FLUORESCENTS & METALLICS
We stock the full range of Pantone Fluorescents and Metallic Silver and Golds.

INK ADDITIVES AND FOUNTS
We offer a complete range of Ink Reducers, Driers and founts.

Sealers

FlintGroup

NOVACOAT 256 HIGH GLOSS VARNISH
- High gloss oil-based overprint varnish
- Increased oxidative drying
- Rapid further processing and good rub protection.
- Straight-line printing/perfecting on all multi-colour presses
- Wet on wet/wet on dry applications.

NOVACOAT 4060 MATT VARNISH
- Matt oil-based overprint varnish
- increased oxidative drying.
- Rapid further processing and excellent rub protection.
- Straight-line printing on all multi-colour presses
- Wet on wet/wet on dry applications.

NOVACOAT 9933 SILK MATT VARNISH
- A silk matt oil-based overprint varnish very little tendency to yellow.
- Rapid further processing and very good rub protection.
- Straight-line printing/perfecting on all multi-colour presses
- Wet on wet/wet on dry applications.

The **SOS** range of sealers offers a high quality, affordable option to suit all requirements.

SOS QD NEUTRAL SEALER 2.5KG
A fast drying sheetfed offset oil based pigmented sealer varnish designed to protect commercial litho print from the abrasive effects of matt coated papers and boards.
- White non-yellowing Neutral / silk finish
- Positive and consistent drying on coated papers and boards
- Excellent scuff/rub resistance, duct fresh
- Excellent printability with fast back up

SOS QD HIGH GLOSS SEALER 2.5KG
A fast drying sheetfed offset overprint varnish to enhance the gloss finish on printed text whilst affording scuff and abrasion resistance.
- Clear high gloss finish
- Trouble free press performance
- Positive and consistent drying on coated papers and boards
- Duct fresh • Excellent printability with fast back up

SOS QD MATT SEALER 2.5KG
A fast drying sheetfed offset overprint varnish designed to give a smooth low gloss finish on printed text and illustration whilst additionally affording scuff and abrasion resistance.
- White non-yellowing matt finish
- Positive and consistent drying on coated papers and boards
- Good scuff / rub resistance
- Duct fresh • Good printability with fastback up

SOS HARD DRY SEALER 2.5KG
A very fast drying sheetfed offset oil based pigmented sealer varnish designed to protect commercial litho print from the abrasive effects of matt-coated papers and boards. Dries quickly to give an attractive neutral / silk finish.
- Very fast handling in the stack
- White non-yellowing finish
- Excellent perfecting performance
- Very smooth silk finish
- Positive and consistent drying on coated papers and boards
- Excellent scuff / rub resistance
- Duct fresh • Excellent printability with fast back up

Coatings

The **SOS** range of coatings offers the very best in performance and finish.
- Good press stability
- Fast drying on a wide range of stocks
- Ideal for work and turn applications
- Hi level of performance beyond 16,000 sheets per hour
- Proven and designed to work on the latest press & ink technologies
- Hi rub resistance

DS MATT EMULSION
A smooth Matt emulsion with high drying speed, with a viscosity of 35-40.

DS SILK EMULSION
Smooth Silk for everyday use with high drying speed, viscosity of 33-38.

DS NEUTRAL EMULSION
A non enhancing sealer ideal for use on metallics, a high drying speed with viscosity of 33-38.

DS GLOSS EMULSION
A general purpose work and turn gloss with a medium drying speed and a gloss of 55-60, viscosity of 33-37.

SS HIGH GLOSS EMULSION
A general purpose packaging gloss emulsion, a medium drying speed and a gloss of 60, viscosity of 33-37.

DS HIGH SPEED SATIN EMULSION
A high speed satin for all press types, high drying speed with a viscosity of 33-38.

DS HIGH SPEED GLOSS EMULSION
A high speed gloss for non absorbent substrates, high drying speed with a gloss of 50-55 and viscosity of 35-40.

DS NON CRAZING GLOSS
Advanced formulation for heavy inked areas, medium to high drying speed, viscosity of 33-38.

SS HIGH VISCOSITY HIGH GLOSS EMULSION
A high viscosity SS emulsion ideally suited for hot climates, slow to medium drying speed, viscosity of 55-60.

SUPER MATT EMULSION
Formulated to replicate the smooth matt finish found with matt lamination.

LOW CURL SILK EMULSION
Specifically formulated for use on low grammage light weight substrates where sheet cure and distortion occurs.

Available in 25, 125, 205 & 1,000 kg containers

(New Low Migration coatings now available)

WATER MISCIBLE SEALERS
For dry offset or lithographic
- Wet on wet or wet on dry
- Good rub resistance

Available in Matt, Gloss, Neutral, Silk and Satin in 2.5 Kg

Founts

SUN HYDROPACE

SunFount HydroPace 410-1 is a s a premium offset fountain solution designed for fast ink-water balance, clean printing, and reduced downtime. Ideal for sheetfed and web presses, it ensures sharp reproduction, consistent performance, and long plate life.

SOS CHEMFIX

A high performance sheet fed fount solution designed for running with alcohol on all sheet fed presses. Dosing 4% Ph 5.0.

SOS IPA

Grade 1 IPA a wetting agent which is used to break the surface tension of the water used in the offset process.

SOS PREMIUM FOUNT

A sheetfed / web offset fountain solution designed to help reduce alcohol consumption whilst improving image quality in modern day printing presses with alcohol dampening systems.

SOS UV FOUNT

A high performance easy to install fount solution designed for sheetfed and web offset presses most specifically aimed at use with UV curable inks.

SOS LED FOUNT

Standard low energy fount solution to be used with alcohol.

SOS AF LED FOUNT

Low energy fount solution for alcohol free/reduced printing.

HW COMBI FOUNT

A sheetfed / web offset fountain solution designed to work well in areas of high water hardness

● Excellent ink/water control.

● Highly buffered fount for consistent results.

● Contains anti-calcium additives to reduce build up in dampening systems particularly in hard water areas using local tap water.

● Contains anti-microbial additives.

● Suitable for most water qualities including RO.

AF FOUNT

A sheetfed / web offset fountain solution designed to help dramatically reduce and even completely eliminate the need for alcohol. Economic to use making it a commercially viable choice.

● Economic to use.

● Highly buffed fount for consistent results.

● Contains calcium inhibitors to help maintain a clean printing environment.

● Contains anti-microbial additives.

● Corrosion inhibited to help prolong the press life

● Provides excellent wetting of the plate.

● Contains additives to help inks dry.

Washes & Rejuvenators

SOS HYDROBIO 40

A non aromatic medium / dry water miscible wash designed for automatic and manual cleaning of rollers and blankets.

SOS ELITE 60

A fully FOGRA approved automatic water miscible wash. Suitable for use on new machines.

SOS RAPID WASH

A fast evaporating manual wash.

SOS FD LED WASH

Fast evaporating water miscible wash for cleaning and rejuvenating blankets and rollers. EPDM safe.

SOS WM LED WASH

Medium evaporating version of SOS FD LED Wash

SOS ELITE UV

Formulated to conform to the latest machine standards ELITE UV offers excellent cleaning, EPDM and nitrile suitability and fully FOGRA approved.

SOS MRC, MRC UV & MRC LED

Very fast evaporation with no grease residue, powerful cleaning and ideal for dampers and other areas.

SOS REJUVENATOR

A powerful rubber rejuvenator restores blankets and rollers to original condition.

SOS DAMPER WASH

Cleaner for molleton damper covers.
Cleans rollers in one application of use.

Cleaners & Solvents

SOS INK STRIPPER
A powerful ink stripper that quickly removes dried ink from all metal rollers and surfaces.

SOS ACETONE
A highly powerful cleaning agent with excellent solvency.

SOS GP PLATE CLEANER & LED VERSION
A versatile general purpose plate cleaner.

SOS HEAVY DUTY PLATE CLEANER
A heavy duty plate cleaner for effective and instant removal of stubborn problems.

SOS FILM CLEANER
Cleans and prevents static build up on films.

SOS CALCIUM DEGLAZER
A cleaner to remove calcium build up and glaze.

SOS WASHOUT
A combined plate cleaner and finisher. Removes ink and gums plate for storage.

SOS EMULSION CLEANER
An effective cleaner for dried emulsion coatings.

Varnishing Plates

UV & Aqueous Varnishes

POLICROM POLISPOT
- For in-line spot or flood varnishing (coating) in offset applications using acrylic of UV inks
- Easy to cut and peel
- Minimal ink build up
- Extremely high dimensional stability
- No "orange peel" effect on the coating thanks to the silky finishing of its top layer
- Reusable for multiple long runs without registration problems thanks to the polyester base
- Available in 1.15mm, 1.35mm and 1.95mm
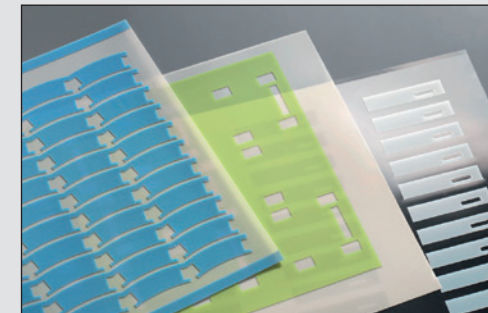
Service Offset Supplies Ltd is UK distributor for the Polispot & Poli-Striplate Varnishing plates

POLISPOT COMPRESSIBLE (DIRECT VARNISHING)
A translucent, light blue coloured, compressible polymeric varnishing plate, manufactured on a polyester base with an exclusive multilayer technology. It has been developed for offset in-line (direct) spot varnishing, as well as for flood coating with all kinds of varnishes and it is particularly suitable for UV, pearlescent and metallic varnishes.
It gives the following benefits:

- Higher tolerance in the setup of pressure parameters and in the use of paper and/or PET underplates
- Minimum ink build-up
- Highest dimensional stability
- Produces the smoothest coating without any "orange peel" effect thanks to the silky finishing of its top layer
- Reusable and suitable for long runs with no register problems thanks to its polyester base
- Highly resistant to solvents and to mechanical stress

Available in 1.15mm, 1.35mm (translucent) and also 1.95mm (opaque) thicknesses, in sheets of all press sizes; package contains 10 pieces per size.
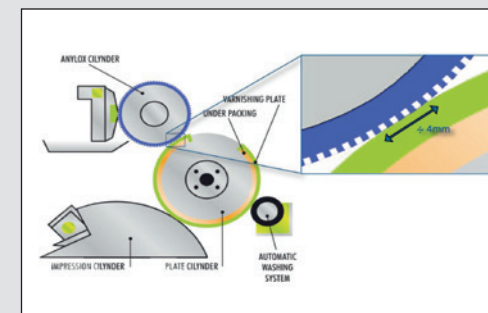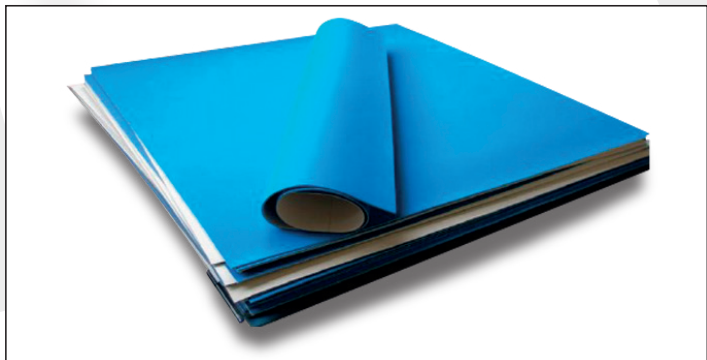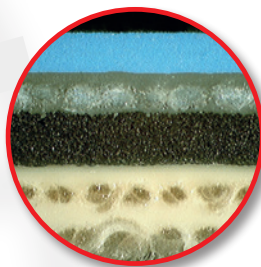
SOS Enviro Eco Blanket

from SOS

*Cross Section*

Surface

Back

- The eco friendly blanket using "Zerosolvent" technology
- All-round blanket for a wide range of substrates and applications
- Application fields: sheetfed, packaging, metal decorating
- Resistant to conventional and hybrid inks

Colour	Light Blue
Construction	3 Fabric Layers
Compressible Layer	Closed Cells
Thickness mm	1.95mm ± 0.02mm
Roughness Ra	0.8 Micron
Surface Hardness	60˚ Shore A
Hardness (total)	77˚ Shore A
Tensile Strength	> 60 Kg/cm
Elongation at Break	< 4.5%
Compressibility	20-35 Kg/cm² at 0.23mm deformation
Application Fields	Sheetfed
Identification Lines	Red+Green
Ink Compatibility	Resistant to Conventional and Hybrid
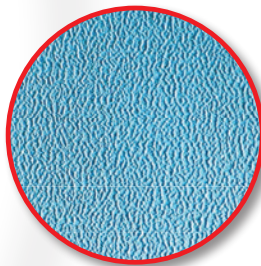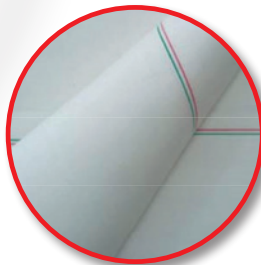
Air Excel **Lumos LE**

An innovative offset blanket that uses the unique Kinyo ThermaSphere® compressible layer technology. Lumos LE is part of a group of products designed to meet the demanding requirements of the new Commercial and Packaging H-UV/LE-UV printing technologies.

SURFACE

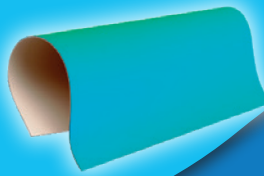| Rubber compound	For H-UV and LE-UV systems
Surface finish	Buffed
Roughness (Ra)	1.0 µm
Colour	Green

CONSTRUCTION

Compressible layer design	Closed cell ThermaSphere®
Nominal thickness	1.95 mm

PHYSICAL PROPERTIES

Thickness range	1.93 - 1.98 mm
Overall hardness (Shore A)	81˚
Micro hardness (Shore A)	60˚
Tensile strength at break	> 60 N/mm
Elongation at 10 N/mm	< 1.5%
Compressibility rating	Soft

BENEFITS

- Dedicated EPDM UV surface designed to work effectively with H-UV and LE-UV ink systems
- Designed to minimise surface picking and back trapping
- Buffed surface designed to cope with a wide range of substrates without compromising on dot quality
- Unique ThermaSphere® compressible layer provides maximum stability and rapid recovery for high speed H-UV and LE-UV press types

Air Excel **Europa**

An innovative offset blanket that uses the unique Kinyo ThermaSphere® compressible layer technology. Designed for high speed, high quality and long run sheet-fed applications.

SURFACE

Rubber compound	For conventional inks
Surface finish	Buffed & polished
Roughness (Ra)	1.10 µm
Colour	Blue

CONSTRUCTION

Compressible layer design	Closed cell ThermaSphere®
Nominal thickness	1.95 mm
Fabric plies	3 plies

PHYSICAL PROPERTIES

Thickness range	1.95 - 1.99 mm
Overall hardness (Shore A)	82˚
Micro hardness (Shore A)	56˚
Tensile strength at break	> 80 N/mm
Elongation at 10 N/mm	< 1.2%
Compressibility indentation at 0.20mm	1.57 MPa

BENEFITS

- Tough ThermaSphere® compressible layer, stays stable, gives longer life on press through improved shock absorption with rapid recovery. Gives constant printing conditions with very low gauge loss
- Ground breaking ecological improvement in blanket manufacturing resulting in solvent free laminating process
- Exceptional ink transfer and sheet release enhances print quality, resulting in controlled dot gain and solid ink coverage on paper and board
- A versatile sheet-fed blanket that performs exceptionally across a wide range of substrates
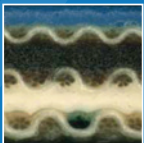
Sundries

SOS ANTI OX
An antioxidant spray to prevent the ink from drying on the rollers and skinning in the duct or tin.

SOS SILICONE SPRAY
A lubricant and release agent suitable for all surfaces, and repels ink.

WEBRIL HANDIPADS
Strong and highly absorbent pads made from 100% cotton.

WEBRIL SCANNER WIPER
Lint free and absorbent.

SOS RAGS
White cotton rags lint free 10kg poly packs.

WEBRIL DAMPER SLEEVES
The R1 damper sleeve is easily applied and shrinks onto the rollers, is very repellent to ink and helps reduce the damper cleaning.

VINYL DISPOSABLE GLOVES
Resistant to many liquids and available in powdered and non powdered gloves.

NITRILE GLOVES
Strong nitrile gloves which are resistant to most solvent chemicals.

ANTI BACTERIAL HAND WASH
A quality product with excellent ink solvency. It is formulated solvent-free, using biodegradable soaps and detergents to boost its cleaning power and contains humectants to help naturally replenish lost moisture in skin as well as pumice for deep cleaning with exfoliating effect.

INKOFF HAND WET WIPES
Impregnated with mild abrasive fibres to remove ink, grease and dirt. Waterless hand wipe with no need to rinse hands after use and leaves hand perfumed with a citrus based agent.

DUCT FOILS
Ink duct liners pre moulded for Heidelberg presses, to fit on CPC system.

ANTI SETOFF SPRAY
Available in 15-50mic, these coated set off sprays come in 1kg bags.

PADDING GLUE
A general purpose padding adhesive for paper and board padding.

TAPES
A wide selection of tapes are available including Tesa red tape and clear tape in 12mm and 25mm. Also stocked are Tesa buff masking tape 25mm and 50mm, crossweave tape a stronger sturdy tape in 50mm and 75mm.

ANTI MARKING FILM & JACKETS

CYLINDER JACKETS & WASHUP BLADES

BLADES AND HANDLES
Carbon steel blades and scalpel handles from Swann Morton.

LITHO PERF AND SCORE
Easy to fit perforating strips for use on all litho presses for perfing and scoring.

PACKING SHEETS
Under blanket packing sheets available in a range of gauges and sizes.

SOS MULTI GUM
A general machine or hand gum solution.

SOS GUM ARABIC
A gum solution for long and short term plate protection.

PLASTIC INK KNIVES
Plastic colour set ink knives C/M/Y/K (Pk4).

MACHINE ACCESSORIES:
Ink duct end blocks, Kompac Seals, Paper Wedges, Slow Down Belts, Damper Felts, Sheet Separators, Hickey Pickers, Rubber Suckers and Filters.

Materials for cleaning

HYGIMAX PLUS
● Single universal product – its cloth like feel and highly absorbent structure makes it perfect for all wiping tasks
● Highly absorbent – completely grease and fibre free, this absorbent wipe leaves surfaces clean and dry
● High strength (GSM) – will not break down and fall apart, snag or tear during use
● Precision woven – pure white so soils can be seen, contains no binders or silicone. Solvent and MEK safe
● Range of use – designed for the quick removal of all types of fluids, inks and chemicals from plastic, wood and metal. Ideal for the printing environment

AVAILABLE IN ROLLS 30x38cm CORED CENTRE 400 SHEETS PER ROLL

AND IN A HANDY BOX 38x40cm CUT SHEETS 200 SHEETS PER BOX

BALDWIN®
Unlocking Your Potential

BALDWIN PREPAC *ADVANCED* UV
PREPAC 1782 UV is released for the following presses:

KBA Rapida 105 / 106 -> HR-UV / LED-UV / Pure UV & mixed operation

KBA Rapida 74G -> Gravuflow UV Ink System / Waterless

Ryobi all Sheetfed presses -> LED-UV / Pure UV & mixed operation

Komori all Sheetfed presses -> HUV / LED-UV / Pure UV & mixed operation

Heidelberg SM / CD 102 (Brush to Prepac conversion) -> LE UV / LED-UV / Pure UV & mixed operation

manroland 700 -> (Brush to Prepac conversion) / LEC UV / LED-UV / Pure UV & mixed operation

During our long term trials PREPAC 1782 has shown better cleaning performance and less than 20 waste sheets on the ink density recovery.

Advantages for Blanket cleaning:
● Dry blankets after wash
● No drips in the gap
● Faster recovery
● Improved cleaning performance

Advantages for Impression cylinder cleaning:
● No dripping
● Very high cleaning power

Other advantages when using PREPAC 1782:
FOGRA approval for KBA Sheetfed on Pure UV & mixed operation; VOC free; BG approved; Lower evaporation means longer time in press; Gives equal waste sheets as with dry cloth; Approved for all blanket types EPDM and mixed blankets; Clean all types UV inks.

Materials for cleaning

Non-woven Fogra approved blue rolls for blanket cleaning

POLI-CLOTH BLUE

Developed for automatic blanket cleaning systems, available for all different types of sheet fed and web offset presses.

Advantages:

- Excellent cleaning power with minimal lint
- Optimized absorption to guarantee the best cleaning results with the minimal usage of solvent needed
- Abrasion and tear resistant
- Of the highest quality, guaranteed by careful inspections

POLI-WET GOLD®

Poli-wet Gold® is a pre-soaked wash cloth miniroll that ensures the following benefits:

- It is fit for high temperature applications (web offset)
- It grants the best fit with the cloth, penetrating the fibres so deeply that it does not require any vacuum package
- It ensures maximum durability on the press
- It grants that cloth quality is respected
- It is ready to use: no need of preparation time
- Features a complete line that ensures the best cleaning performance with all types of inks, including UV and HUV

APPROVED BY

Poli-wet Gold is Fogra approved
(Test Certificate n° 26941)

Laser Point Film

WE ARE THE SOLE EUROPEAN DEALER FOR LASER POINT FILM

- Eliminate conventional imagestter
- No chemicals required
- No safe lighting required
- No darkroom
- More robust and scratch resistant than traditional film
- Resistant to solvent
- Compatible with most flexo CTP devices
- Quality equivalent to best traditional film

LaserPoint film is used in the production of flexographic photopolymer and Letterpress plates and allows for a piece of laser abated film to be made on a Flexo CTP device, eliminating the need for a conventional imagesetter.

LaserPoint II is a patented laser ablatable film used with infra-red laser Flexo CTP devices with a vacuum system. LaserPoint II has a solvent resistant, black, IR-UV absorbing coating on an optically clear polyester base.

Kodak — ThermoFlex — Magnus

ESKO artwork — CDI Spark

CRON — HDI

SCREEN — PlateRite

Laser Point II should ONLY be exposed with a laser that employs vacuum debris cleaning capability.

AccurioPress

KONICA MINOLTA

Konica Minolta represents the ultimate in print quality for the professional production printer.

SOS supplies the full KM product portfolio which covers all areas of digital imaging and meets every imaginable printing need.

Operators of any AccurioPress system can count on new peaks of performance, efficiency, and reliability, giving you the freedom to conquer new markets with higher quality and greater creativity than ever before with simple setup, an ultra-reliable paper path, exceptional productivity and outstanding automated image stability. What's more, the AccurioPress system seamlessly integrates into various software applications.

C14000/ C14010
140 pages/minute

C12000/ C12010
120 pages/minute

C7100
100 pages/minute

C10500
105 pages/minute

C4070/C4080
80 pages/minute

C4065
60 pages/minute

KONICA MINOLTA

Adding the finishing touch is easy with Konica Minolta. A huge range of finishing options is available to complete your production specifications

Letter fold	2/4 hole Punching	Two-point stapling	Corner stapling	Stacking
Booklet	Trimming	Creasing	Slitting	Perforation
Square-folding	Multi Letter fold-In	Post Insertion	Wire-binding	Multi-punching

WHITE

The S version of the AccurioPress C14010S and C12010S offers a special color feature with five-color printing, including white as an extra color. This advanced printing capability ensures high-quality results with vibrant and precise color reproduction.

AUTO COLOUR VALIDATION

AUTO PROFILING

AUTO INSPECTION TECHNOLOGY

IQ INTELLIGENT QUALITY CARE

AUTO QUALITY ADJUSTMENTS

REAL TIME ADJUSTMENT

AUTO COLOUR ADJUSTMENTS

VARIABLE DATA INSPECTION

AUTO DUPLEX REGISTRATION

HIGH IQ PRINTING

Konica Minolta's newly developed IQ-501 Integrated Color Care Unit achieves higher quality and more reliable consistency. With it, you increase your uptime, improve customer loyalty, optimise your budget and ultimately enhance the competitiveness of your entire printing business.

FUJIFILM

Revoria Press™

PC1120

Enhanced productivity on demand
Fujifilm's Revoria Press PC1120 is an automation workhorse with a stability and image quality that is well known in the print on demand market. With an extensive range of feeding and finishing options, the Revoria Press PC1120 simplifies the task of producing enhanced print no matter how challenging the concept.

Flexibility for whatever job comes next
The Revoria Press PC1120 can be configured with a unique combination of feeding options including a new air-suction feeder that is also available for feeding banner sheets up to 1.2m. A range of folding, trimming and booklet making options are now supplemented by a new static eliminator, essential for handling films and other synthetic media. With such a comprehensive range of options, the Revoria Press PC 1120 can be configured with just the right options for a specific project or expanded to take on whatever type of job comes next.

No other press has so much flexibility
The PC 1120 delivers an unrivalled number of possibilities to enhance and embellish your print, with six imaging stations that offer the flexibility to add gold, silver, white, clear or pink output to the mix. These enhancements can be added before or after the standard CMYK print process to tackle the most complex challenge with ultimate ease.

The Fujifilm Revoria Press PC1120 is a single-pass toner-based device that can print in up to six colours – CMYK plus a choice of clear, gold, silver, white and pink, with the option for undercoat and top coat. It also includes AI and automation technology, and has extensive inline finishing options.

Print speed is 120ppm for A4, and 60ppm for A3. The long sheet option is 330x1,200mm

● Superior productivity with high-speed printing of 120 ppm even when printing in 6 colors.
● High-definition expression with high-output resolution at 2400 x 2400 dpi.
● High-performance print server that maximizes print engine productivity.
● Supports a broad range of stocks: 52 gsm lightweight paper, 400 gsm heavyweight paper, minimum 3.8 x 5.8" and up to 12.9 x 47.2".
● Various feeding and finishing options to streamline workflow from print to post-press.

Jet Press 750S

Over the last ten years Fujifilm's Samba printheads have evolved to deposit ink at the speed and quality required by demanding commercial printers. When combined with sophisticated control systems and ink and paper handling technologies, Fujifilm are in a position to ignite a revolution in the way that commercial print is produced.

The Jet Press 720S was the first B2 inkjet press to gain a foothold in this market, and was ahead of the game in terms of productivity and quality. And with around 150 Jet Press installations worldwide, more and more print buyers are now recognising what you can achieve with this groundbreaking press.

The new Jet Press 750S is capable of printing 3600 sheets per hour. It is the perfect blend of the old and new. Built on an offset chassis, it features superb sheet-to-sheet registration, and combined with the industry's leading Samba inkjet deposition system, it is unique in delivering print quality that out-performs offset.

The other key advantage of an offset paper handling system is that the Jet Press 750S is ultra-reliable, with up-time figures comparable to a traditional offset press. Combine that with the latest inkjet printhead and ink technologies, software improvements, a more efficient maintenance regime and a completely new drying system, you get the fastest 4 colour, B2 sheet-fed digital press.

B2

EU-1000MF

The EU-1000MF is a 1.2 x 2.4m UV LED flatbed printer

- 4 to 6 colour Max printing area of 2,440mm x 1,200mm
- Print up to nine 1.2 m x 2.4 m boards per hour
- Up to 95mm of height clearance
- Print onto acrylic, wood, PVC, PETG, foam, aluminium plate and more.

Roland®

LARGE FORMAT FLATBED PRINTING AT THE PRICE, QUALITY AND SPEED YOU NEED
Whether you supply signage and graphics for shop fronts, events, corporate, interior decoration or any number of other applications, the VersaOBJECT EU-1000MF is a revolutionary way to print and create new business opportunities. Compatible with hundreds of substrates and delivers high-impact graphics, the EU-1000MF fits seamlessly into your workspace and offers the ease, speed, quality and value you need to take your business to the next level.

Print on PVC panels, foam panels, corrugated cardboard, aluminium plates and more.
Fast printing with four-colour/four-head and six-colour/six-head models.
Reliable, high-quality printing with high-density, low-cost E-US inks, a liquid-cooled LED lamp system, a four-zone vacuum bed, and many more advanced features.

INEXPENSIVE INKS, INTUITIVE OPERATION
In addition to CMYK process colours, the new E-US inks are available in White and Clear Varnish on the 6C configuration,delivering high-quality print results on hundreds of applications. The VersaOBJECT EU-1000MF offers a number of ink advantages for a high-volume production UV flatbed operation.

- Advanced Printhead Technology includes a printhead protection system that detects media impacts, as well as automatic media and printhead height positioning for easy setup and output.
- The Anti-Static Ionization System reduces static interference and increases print quality.

- Solenoid alignment pins provide accurate media placement and positive air-pressure helps users to load sheet materials.
- The Side Table for Control Station allows a comfortable and convenient management of the machine with the accessible placement of a PC or laptop.

LO and COi SERIES

Take object customisation to new heights with the VersaOBJECT LO/CO-i Series of UV flatbed printers. Digital UV printing has never been more versatile. The LO/CO-i Series is the perfect solution for customising boards or objects up to 242mm in height and even irregular 3D objects.

- Premium quality direct-to-object or substrate printing.
- Special effect printing for added-value products.
- High-volume object customisation and personalisation.
- Available in a size and configuration to suit your business.

Roland®

THE ULTIMATE IN VERSATILE PRINT PRODUCTION
Deliver high-quality vibrant and impactful graphics onto a vast range of objects and substrates, including metal, plastic, board, wood, canvas, vinyl, paper and much more besides, accommodating material up to 242 mm height.

HIGH QUALITY AND VERSATILE INK
Using the latest ECO-UV EUV5 inks for exceptional and premium-value printing, we go beyond CMYK to give you even more options and flexibility. Talk to a Roland DG expert about your print requirements to discover the ink configuration that's right for you.

IMPRESSIVE HEIGHT AND WEIGHT CAPABILITIES
Offering extraordinary application versatility, the LO/CO-i Series comes standard with a vacuum bed and can print onobjects up to 242 mm in height and 100 kg/m2 in weight.

HIGH-DEFINITION, HIGH-VALUE-ADDED EXPRESSION
The LO/CO-i series achieves high-definition image quality through fine control of ink ejection. Moreover, special expressions such as textures and embossing are also possible.

- A Broad Substrate Compatibility - Print onto a virtually limitless range of flexible and rigid substrates and objects.
- Printing Distance Mode - Print directly onto irregular or curved objects with a high degree of accuracy.
- Powerful Software Included - VersaWorks 7 lets you print directly onto a variety of objects in a simple workflow.

- Time Saving Turnaround - Switch to digital direct-to-object printing and eliminate long set-up and finishing times.
- Low Running Cost - Long-life print heads and ink-clogging prevention ensures long life and sustained quality.
- Texture Libraries - Add extra expression to your prints easily with a library full of exciting printable textures.

VersaOBJECT MO series

Roland®

For printers that need to print directly onto objects, need to grow and diversify without losing on quality, speed or cost. The VersaOBJECT MO series offers production level devices at an affordable price, offering best in class print quality and colour reproduction. Unlke other solutions, the MO-240 and MO-180 can handle almost any material with heights up to 204mm.

High-Definition Print
Newly developed print heads and LED lamp technology, coupled with advanced software and industry-leading inks give you the power to reproduce small letters, fine textures, gradations, and colour-matched graphics with ease. Furthermore, Orange and Red inks extend your achievable gamut letting you hit colours that previously could not be reproduced.

High Productivity
The MO Series is engineered to deliver high productivity with print speeds up to approximately 1.4 times faster than comparable models from other brands. The staggered print head configuration, powerful lamps and increased bed-size deliver high printing speeds**.**

Greater Flexibility
With just one ink formulation, you can print onto a variety of substrates, increasing your ability to adapt to changing market demands.

	MO-240	MO-180
Printable width	610mm	458 mm
Printable length	458mm	305 mm
Max print height	204 mm	
Print speed	2.39 m2/h	1.90 m2/h
Available ink	CMYK, Gloss, White, Red, Orange, Primer	

FOCUS iNC.

Focus Atlas 1311 Plus flatbed

Print on materials up to 32cm thick including PVC, plastics, leather, fabric, canvas, metal, ceramics, glass and wood.

● 1300 x 1100mm maximum print size
● 20mm varnish/emboss
● Single-pass white and colour ink
● Cartridge heating and temperature control
● UV water cooling system

Xenons XJ1800/XJ2000 Hybrid

The XJ1800 (1.88m) and XJ2000 (2m) UV Flatbed Roll to Roll Hybrid printers deliver fast and versatile UV performance.

These hybrid printers from Xenons are engineered for high-endurance work and low running costs to deliver high-quality print for a long period of time.

They offer the latest technology, using Ricoh or Epson print heads and LED-UV curing. For a relatively low investment, with Xenons you can print profitably on substrates like ACP, foam, board, flute board, glass, ceramic tiles, wood, and on a wide range of vinyl and flexible media.

XENONS

Xenons is a major international digital inkjet printing brand. Manufactured in China, it has hundreds of successful installations throughout Europe and the USA (sold in the USA under the Yillijet brand). There have been over 35 UK Xenons installations.

● Ricoh/ Epson print heads
● LED curing
● 1800mm max printing width
● 2,4000dpi resolution
● Easy-to-use RIP

● Maximum media thickness of 50mm.
● Ink supply system with level alarm function.
● Automatic carriage height adjustment
● Automatic correction and flattening system - avoid any shifting during printing.
● Media registration system for both roll and rigid media.
● Anti-crash system
● Ionization bar

SureColor
SC-P6000/P8000

PHOTO PRINTER AND PROOFER

Consistently produce high-quality, accurate and long-lasting professional photographs, fine art prints and proofs on a variety of media.

93% of Pantone® / Superior lightfastness

Produce professional prints and proofs of the highest quality with this versatile photo printer and proofer. Able to produce 93% of Pantone-certified[1] colours for accurate reproduction, the SC-P6000 STD/ SC-P8000 STD come with an eight-colour ink-set and an Epson TFP PrecisionCore print head to create accurate and long lasting results. This advanced engineering is coupled with a range of easy-to-use features.

Wide colour gamut

Featuring an UltraChrome HD eight-colour pigment ink-set, the SC-P6000 STD Spectro delivers 93% of Pantone®-certified[1] colours to create superior-quality, highly-accurate results with bright, vivid colours. For stunning prints, an Advanced Black and White Mode helps produce high density, deep, rich blacks and ultra-smooth tones.

Reliable and efficient

Utilising an Epson TFP PrecisionCore printhead and automated nozzle-check function, users can be sure they will deliver consistent results and the highest quality output. Consistent colour reproduction is guaranteed, time after time and without the need for expensive add ons, thanks to an Epson Colour Calibration utility and Spectroproofer powered by X-Rite for fast, accurate colour measurement.

Easy to use and cost-effective

Every aspect of the printer has been designed to maximise ease of use and reliability. Media changing is fast and simple with a clear LCD control panel and menu, while a choice of 350ml and 700ml individual cartridges enables longer print runs between cartridge replacements.

Long-lasting results

Thanks to a superior lightfastness, prints will continue to look their best long after they are created. In fact, prints on Premium Glossy Photo Paper can last a minimum of 60 years[2].

- **UltraChrome HD pigment inks** Delivers highly-accurate colours with 93% of Pantone®[1]
- **Epson TFP PrecisionCore printhead** Ensure consistent results and high-quality, reliable output
- **Superior lightfastness** Prints on Premium Glossy Photo Paper can last up to 60 years[2]
- **High-capacity ink cartridges** Longer print runs between cartridge replacements
- **Easy to use** Clear LCD control panel and optional 320Gb hard disk

Ideal for Fine Art

SureColor
SC-P7500 & P9500

PHOTO PRINTER AND PROOFER
Up to four times faster than previous models!

The SureColor SC-P7500 and SC-P9500 large format printers deliver the widest colour gamut for artists and photographers, the most reliable reproduction for professional proofing – and now offer the fastest throughput for high-volume production, producing at up to four times the speed of previous models. Both the 24" SC-P7500 and the 44" SC-P9500 offer identical, class-leading features and performance, at a size to suit your requirements.

Vivid colour
Epson's first ever 12-colour printer, accompanied by the newly-developed ink set (UltraChrome Pro12 with K3 technology), which includes orange, green and violet, gives you ultimate colour accuracy thanks to the widest colour gamut on the market. The Epson-designed, advanced print heads use up to 800 nozzles for each colour, to produce perfectly accurate dot placement and eliminates misting and satellites. With every detail captured, your images benefit from smooth gradations and accurate texture reproduction.

Deeper blacks
Epson innovations provide the best perceptual black density with black enhancement overcoating technology. The result? Your creative work is more striking and dramatic than ever before.

Ease-of-use
The new intuitive, user-friendly interface removes the guesswork so you can focus on what you do best. And now, utilise the Epson Media Installer tool for quick and painless media registration.

The 4.3" LCD touch-screen panel has a range of configuration options, including a large print status view that makes the print job status easy to see from a distance, and an illuminated paper path to watch printing in progress. Printouts fall onto a new protection cloth, with the printed side of the media face-up, so you don't need to worry about scratching.

- **UltraChrome HD pigment inks** Delivers highly-accurate colours with 93% of Pantone®[1]
- **Epson TFP PrecisionCore printhead** Ensure consistent results and high-quality, reliable output
- **Superior lightfastness** Prints on Premium Glossy Photo Paper can last up to 60 years[2]
- **High-capacity ink cartridges** Longer print runs between cartridge replacements
- **Easy to use** Clear LCD control panel and optional 320Gb hard disk

Ideal for Fine Art

SureColor SC-P20000

PHOTO PRINTER AND PROOFER

Combine the highest printing speed and superior quality in 600 x 600dpi and higher with these precise, accurate printers

High productivity without compromising on quality
Allowing users to benefit from high productivity without compromising on quality, the printer comes with a PrecisionCore MicroTFP printhead for producing outstanding results, even in lower-quality modes. Coupled with a high-precision media feed technology, including a newly developed camera-based paper feed stabiliser and media inductive roller system, the printer helps ensure smooth operation.

Accurate, precise and reliable results
A new Epson UltraChrome Pro 10-colour ink-set consistently delivers fantastic-looking prints. Blacks will be deep and rich thanks to new high-density Photo and Matte Black inks. Better gradation with reduced graininess is achieved thanks to K4 and Multi Size Droplet Technology (MSDT). To ensure consistency without the need for expensive add-ons, Epson Colour Calibration utility means users can easily manage their colour reproduction.

Easy to operate and maintain
Getting started is easy with a clearly illustrated user guide and colour LCD Panel. When it comes to handling, changing and switching media the process is quick and effortless. During printing, a transparent printer cover window and roll cover window allow users to check the print status and remaining media. After printing has finished, the position of the printhead means it can be cleaned by the user, along with the ink cap, to help save on maintenance costs

Long-lasting results
Thanks to a superior lightfastness, prints will continue to look their best long after they are created. In fact, prints on Premium Glossy Photo Paper can last a minimum of 60 years[2].

- ● **PrecisionCore MicroTFP printhead** Achieve high productivity and exceptional print quality
- ● **UltraChrome Pro 10-colour ink-set** For excellent black and white and colour reproduction
- ● **High-precision media feed technology** Featuring camera-based paper feed stabiliser
- ● **Clear and easy operation** Enjoy hassle-free printing and maintenance
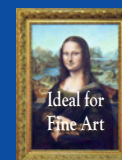
Ideal for Fine Art

TrueVIS XP-640

Large-Format Eco-Solvent Printer

Need speed and productivity without compromising on image quality? The new XP-640 delivers the best of both worlds - exceptional print speeds paired with unparalleled TrueVIS colour, vibrancy, and detail so you can handle anything that comes your way. An unbeatable, feature-packed TrueVIS roll-to-roll printer that delivers the highest output in its class.

- Two staggered printheads optimise production with print speeds of up to 76.1 m²/hr.
- Ejects finer droplets at higher densities for high-resolution output with fewer passes.
- Advanced efficiency features streamline workflow for maximum productivity.
- Consistently delivers vivid, detailed prints with rich, accurate TrueVIS colour.
- TH inks, including Orange, Green, and new Red options, allow for an exceptionally wide colour gamut.

- True Rich Color 3 preset for realistic images and precisecolour.
- 7-inch LCD touchscreen control panel provides fast, intuitive access.
- Lowest running costs in its category reduced ink and operating costs maximise profitability.
- Legendary Roland DG reliability, customer service, and support

- ● Newly developed automatic take-up system allows for fast and easy media loading, saving you time and effort.

- ● Included VersaWorks 6 RIP software for effortless print output management. Plus, access to the Roland DG Connect app, which provides you with a detailed understanding of your printers while keeping your devices running at optimum performance.

- ● New perforated sheet cut function makes simple to add perforations when outputting a large volume of printed materials to the take-up system.

- ● Automatic media gap adjustment uses TrueVIS optical registration technology to determine gaps, adjust, and calibrate.

TrueVIS XG-640

Large-Format Eco-Solvent Printer/Cutter

The next-generation XG-640 combines impressive print speed and precision contour cutting with stunning image quality that only a TrueVIS device can deliver. Get ready to experience a whole new level of print-and-cut productivity, versatility, and reliability.

Roland DG's most productive integrated printer/cutter to date – it is nearly twice as fast as the VG3-640. Dual staggered printheads and high-speed data control deliver 15% faster print speeds than competing models - without compromising image quality.

In standard mode, the 8-colour, 8-pass configuration delivers the widest colour gamut at speeds of up to 15.2 m2/h on vinyl. Let it run uninterrupted all night and wake up to high-quality, customer-ready prints in the morning.

Exceptional vibrancy is achieved with new TR3 eco-solvent inks, available in dual CMYK or expanded gamut 8-colour configurations including Orange, Green, and White options.

TR3 White ink used with the XG-640 allows for three times greater productivity than TR2 inks used with a VG3 printer/cutter and produces graphic results that are 1.3 times more dense, enhancing window graphics and base coats.

The XG-640's new perforated sheet cut function makes it easy to add perforations for high-volume print jobs. This feature eliminates cutting tools and reduces post-processing work, saving space and minimising the risk of output damage.

- ● Legendary Roland DG reliability, customer service, and support.
- ● Included VersaWorks 7 RIP software, now both macOS and Windows OS compatible, is Roland DG's most powerful user-friendly RIP ever, offering a host of innovative tools and features.
- ● TR3 White ink has 1.3 times the ink density and allows for three times the productivity compared to the VG3 and TR2 White.
- ● Access to the new expanded and enhanced Roland DG Connect platform, which enables you to optimise output, connect with a community of professionals, access support, explore new opportunities, and more.

TrueVIS VG3/SG3

Eco-Solvent Printer/Cutters

TrueVIS VG3 and SG3 printers deliver the power and performance to satisfy the needs of the most demanding print professionals. Both machines feature the award-winning TR2 ink - the SG3 has a CMYK set, while the VG3 has eight colours to increase the breadth of colour gamut and add real impact and high visibility to graphics.

FlexFire print heads, TR2 inks, and True Rich Colour combined with user-friendly features make the VG3 and SG3 a great choice for professional print graphics production. A redesigned chassis, high-quality components, and a variety of media handling improvements make these machines perfect for unattended printing of short runs, long runs, print/cut, and so much more.

These machines are easy-to-operate via an intuitive 7" LCD touch screen control panel. Automated media calibration saves time and material. A newly designed, adjustable media take-up unit accommodates rolls of different sizes. They employ a one-touch media clasp which makes loading reels easy for a single operator. For enhanced colour performance, the VG3 has several available ink configurations to meet your customers' needs—from brand accurate colours and high-end graphics to high-productivity jobs . Combine Orange and Green inks to push the colour boundaries of digital printing. New CMYK plus light cyan, light magenta, orange, and green inks— combined with True Rich Color 3 deliver vivid, smooth, and colour-rich graphics.

- ● Included VersaWorks 6 RIP—featuring new True Rich Color 3 preset, Nearest Colour Finder, and Variation Job function.
- ● Roland DG Connect App ready—giving you instant access to important data about print jobs as well as your business.
- ● A variety of available ink configurations expand your gamut to output rich colour, smooth gradations, and beautiful skin tones.
- ● Perforated sheet cut option reduces post-processing with "easy tear" perforations between print jobs

TrueVIS MG/LG
UV Printer/Cutters

The Roland TrueVIS MG and LG are advanced UV-LED integrated print/cut machines available in 30-inch (MG-300, LG-300) 54-inch (LG-540) and 64-inch (MG-640, LG-640) formats.

Staggered print heads, ECO-UV inks, and True Rich Colour combined with user-friendly features make TrueVIS MG and LG the ultimate in professional UV print and cut. High-quality components, and a variety of media handling improvements make them perfect for unattended printing of short runs, long runs, print/cut, and so much more.

These machines are easy-to-operate via an intuitive 7" LCD touch-screen control panel. Automated media calibration saves time and material. A newly designed, adjustable media take-up unit accommodates rolls of different sizes. They employ a one-touch media clasp which makes loading reels easy for a single operator.

Available ink configurations to meet your customers' needs—from brand accurate colours to high-end, premium gloss and texture effects. Combine Orange and Red inks to push the colour boundaries of digital printing. High-opacity white ink specially formulated to quickly produce high-quality window graphics with economical ink usage.

- Included VersaWorks 6 RIP—featuring new True Rich Colour 3 preset, Nearest Colour Finder, and Variation Job function.
- Roland DG Connect App ready—giving you instant access to important data about print jobs as well as your business.
- A variety of available ink configurations expand your gamut to output rich colour, smooth gradations, and beautiful skin tones.
- Perforated sheet cut option reduces post-processing with "easy tear" perforations between print jobs

TrueVIS AP-640
Resin Printer

The Roland TrueVIS AP-640 is a 64-inch printer utilising environment friendly resin based inks.

THE BENEFITS OF RESIN WITH TRUEVIS QUALITY
Piezo printheads are arranged in a dual, staggered formation with an optimizer printhead and dedicated CMYK printhead for a finer dot, resulting in more precise colour and image results. The TrueVIS AP-640 redefines resin printing with high-colour saturation on a wide range coated and uncoated media included non-PVC, vinyl, paper, film and more. GREENGUARD Gold Certified TrueVIS Resin Ink meets the most rigorous standards for low VOC emissions into indoor air.

ENHANCED FEATURES
A 7-inch, full-colour touch panel offers easy print options with intuitive settings and functions. Water-based TrueVIS Resin Ink provides quick-drying, scratch-resistant, safe results on a wide range of media. The machine uses new 700 ml high-capacity ink pouches. A high-productivity dryer Unit allows prints to dry quickly and completely before proceeding to the next process. Equipped with print heads that offer variable dot printing for more precise colour and image results. TrueVIS Resin Ink offers heavier colour saturation on PVC-free media than conventional resin ink and resin printers. Newly developed water-based resin ink and innovative True Rich Colour 3 preset work together to provide vibrant colour and natural-looking print quality.

- VersaWorks 6 RIP Software is included with the new AP-640 to effortlessly manage your print output.
- Media gap and feed compensation can now be adjusted automatically with a single button. The AP uses optical registration technology to ensure print accuracy and avoid variations in output.
- Roland DG Connect App included—gain a detailed understanding of your entire print operation while keeping your device running at optimum performance.
- Included adjustable take-up unit maximizes stability when printing, while also allowing for clean, efficient media collection from roll to roll.

GRAPHTEC

## Roll Fed Cutting Plotters

CE7000 Series

The Graphtec CE7000 Series is now available in 4 widths and 3 different model formats. The CE7000 now includes an enhanced specification which makes it one of the most cost effective cutting plotters on the market for sublimation markets, sign writing sectors and sticker & label creation.

- Available In 4 Widths
- 3 Model Formats
- Max Cutting Speed: Up To 1000mm/s
- Cutting Force: Max 450gf
- Networking Capabilities
- ARMS 8.0 Optical Eye For Print & Cut
- Continuous Cut Capabilities (Barcode Reader)
- Reliable Long-Length Tracking (Up To 5m)
- Large Graphic Type LCD Control Panel

FC9000 Series

The Graphtec FC9000 series premier cutting plotter offers best in class cutting and plotting capabilities and comes as standard with a new barcode reader for continuous cut capabilities.

- 4 Widths Available
- Maximum Cutting Speed: 1485mm/s
- Cutting Force: Max 600gf
- Networking Capabilities
- Data Link Function (Barcode Reader)
- Optional Automatic Take-Up Spool For 140 & 160 Models
- In-Built Cross-Cutter Function For Sheet Off
- Servo Driven Grit Roller Type
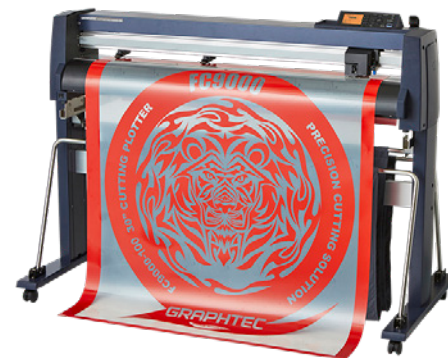
SINAJET

- Vacuum table with exclusive absorption technology
- Low noise, low energy
- Max cut thickness 25mm
- Software control with intelligent automation features
- Safety features include anti-collision and infrared blocking option
- Max cut size 1500 x 1200mm or 2500 x 1300mm

TITANIUM

- Smart cutting head with interchangeable tools
- Powerful auto-feeder
- Sheet edge recognition
- Cutting sizes from 1100 x 1300mm to 2500 x 1600mm
- Max cut width 50mm (customisable)
- Innovative QR code scanner to retrieve job data

Wide Format Cutters

Ameida

- Infrared sensing system, 360° surround security to ensure operator safety.
- Sturdy aluminium honeycomb platform
- Efficient anti-drying and rolling feeding system, complete feeding and cutting in 5 seconds; automated continuous cutting
- Powerful CAD editing and design software
- Support for barcode reading
- Cut parameter optimisation
- Accurate tool setting system
- Easy to install and maintain

iECHO

PK-0705/0705

- High frequency electronic oscillating knife
- Cuts labels of any shape, and will cut and crease cardboard box designs
- Precise auto positioning system Auto feed system
- Modular cutting tools
  - Universal Tool, Kiss Cut Tool, Crease Wheel
- Low noise, low energy
- Max cut size 750 x 500mm

- Integrated design: machine adopts an integral welding frame, the smallest model occupies 2 sqm. Wheels make it easy to move around.
- Only 220V single phase electricity required,
- Vacuum suction system is used to fix material on the table
- Automatic loading device to stack up to 120mm (400pcs card board of 250g).
- Conveyor belt automatically sends finished material to collecting area.
- High precision vision registration system (CCD): with CCD camera
- Software is easy to operate, one click to start

Vivid cutters/laminators

vivid. Veloblade series

A digital die-cutter that gives you the freedom to easily create unique and intricate products at the most cost-effective price on the market.

- Available for a wide range of sheet sizes from 600 x 400mm to 3000 x 1600mm
- A huge range of applications
- Compatible with AutoCad, CorelDraw, Adobe
- Fast, efficient, accurate

vivid. easymount.

PROFESSIONAL LAMINATOR

Cost effectiveness
- The versatility of Easymount laminators makes them incredibly cost effective, meaning you can now truly offer a one-stop shop for print and finishing.
- The range includes everything from entry-level models for those still finishing jobs by hand, to professional heavy-duty thermal models that will cope with every application all day everyday.

T4 Inkjet Wide Format media

T4Jet PROOFING INKJET MEDIA

SOS stocks a wide range of inkjet media under our own exclusive brand T4Jet, and we become one of the leading suppliers of inkjet media in the UK. A number of our medias have received proofing accreditation from Fogra.

ISO 12647 PROOFING MEDIA

T4 180 MA Suitable for Proofing to 52L
T4 200 FW Suitable for Proofing to 39L
T4 200 51 Suitable for Proofing to 52L and 39L

EFI 8175 OBA PROOFING PAPER
For Proofs on uncoated papers with optical brighteners, 8175OBA Matte has been specifically designed for uncoated proof standards. It is highly brightened and suitable for proofing of Fogra 52.

T4 Waterbased Wide Format media

SOS T4 WB ROLL UP GREYBACK 180
A matt water resistant coated polypropylene film with Greyback for greater opacity.

SIHL SYNTHETIC PP GREYBACK 180
A water-resistant coating guarantees a durable and scratch-resistant printed image, characterised by outstanding colour brilliance and saturation.

OTHER MEDIA AVAILABLE: *Canvases, Backlits, Wallpapers and more ...*

T4 Fine Art Media

SOS stock various fine art medias including :
PhotoRag
Canvas
Water colour papers

T4 Inkjet Solvent Wide Format

SOS T4S FRONTLIT FR BANNER 450g
Our Frontlit Banner has a new hybrid construction, offering a superior level of tensile strength. Fire rated to B1 certification for external and internal banner applications. Suitable for use with solvent, eco-solvent, uv-c, latex and screen inks.

SOS T4S SOL GLOSS BACKLIT FILM 220mic
Gloss coated, tear resistant polyester backlit film for solvent inks. The strengths of this backlit lie in its pleasant gloss finish, the impressive brilliance with direct and transmissive light plus its incredible resistance.

SOS T4S SOLVENT POSTER PAPER 200g
Multilayer coated, water & weather-resistant, bright white paper, specifically developed for solvent or UV curing inks. This paper is suitable for billboard applications, delivering high scratch resistance and perfect folding performance.

SOS T4S SOL ROLL UP FILM GREYBACK 250mic
Roll-Up Film Plus 205 SB Satin is suitable for the creation of high quality roll-up and display graphics

using solvent, latex and UV inks. The satin finish guarantees robust and scratch resistant prints, characterised by high colour brilliance, saturation and image sharpness. The tear resistant polypropylene/polyester composite enables problem free processing, while offering a high opacity due to the matt, silver back. The attractive price-performance ratio makes the product especially suitable for high volume projects used short to mid-term. An increase in general productivity is possible thanks to the good printing results achieved with fast print mode (HP Latex up to 6 pass).

SOS SOLVENT MONO VINYLS
Our solvent Mono vinyl's are high quality, with long durability. They are available in Gloss, Matt & Clear with Grey or White backing, with either permanent or removable adhesive.

Other media available include:
Canvases, Backlits, Wallpapers and more ...

SOS Roll Up & Pop Up Systems

We also stock our SOS Roller banner stands in 850mm & 800mm.

Centralised colour management that gives you the best possible colour and saves you ink.

● Easy to learn ~ Easy to use ~ Easy to save
● Best colour ~ least ink
● Ink Saver Max

Digital print is amazing for its speed and flexibility. The downside, higher ink costs and matching colours across printers and substrates. There are many solutions but none as easy and powerful as Alwan ColorHub.Using open ICC profiles you can make a profile and be using it in 10 minutes. Select High Ink Save and you could save up to 50% on heavy prints. Make a profile using Hydra's spectral engine as it needs fewer patches for the most accurate results. ColorHub uses the Adobe Print Engine and its own fixes to handle the most complex of PDFs. Spot colours overprinting CMYK with transparency? ColorHub will handle it.

Using the web browser interface you can Preflight Spots colours and get DE numbers back to aid print decisions. Made for images and PDF files colour separation and ink optimization, Alwan ColorHub allows you to print accurate and predictable colours, no matter what input, output colour spaces and printing processes you use.

Ink saving technology built in

Spectral profiling quick and easy with Alwan's Hydra

New ColorHub version 9.0

• New Web Interface design
• Web Interface new features:
- Booklet generation in Preflight mode when processing spots or a color library
- Measurement ability in the WI to use instruments
- Color Library, support import of colors and measurements
- HydraSpot: Spots optimization using spectral measurements to improve their accuracy step by step
- Multi-illuminant: Optimizing spots to have a good match between 2 illuminants (at the end of HydraSpot)
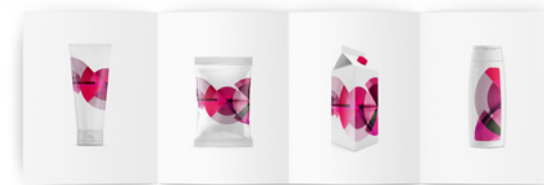
End-to-end colour management from

Providing verified and repeatable contract proofs that streamline prepress and production

The globally recognised standard for quality contract proofing, GMG ColorProof is ideal in customer-facing applications with demanding colour communication. GMG proofing allows you to see upfront exactly how process and spot colours will be printed on a chosen substrate, or in specific print conditions. This results in a streamlined approval process, plus taking proofing off the press saves production time and materials.

Packaging mock-up proofing on the Roland LEC2-330: GMG Colour Management provides repeatable accuracy

Driving the Roland LEC2-330 with GMG ColorProof and GMG OpenColor enables accurate and reproducible proofs on packaging production substrates, with finishing possibilities including metallic effects. Thanks to reliable calibration and profiling, users can easily create specific media profiles for any media used with the printer.

Automated colour conversion that eliminates correction cycles and reprints, and includes profiling tools for speed and efficiency

GMG ColorServer uses GMG's proprietary MX technology for the highest quality colour separations and enables print jobs to be switched easily between presses and sites, with predictable colour results time after time. Available as either a pay-monthly subscription or perpetual license, GMG ColorServer provides all the tools required for end-to-end colour management, incorporating colour separation, proofing, ink optimisation and exact profiling tools tailored to your printing processes.

Wherever a colour goes it stays that colour

SOS Full Fogra Accreditation Digital Print Expert
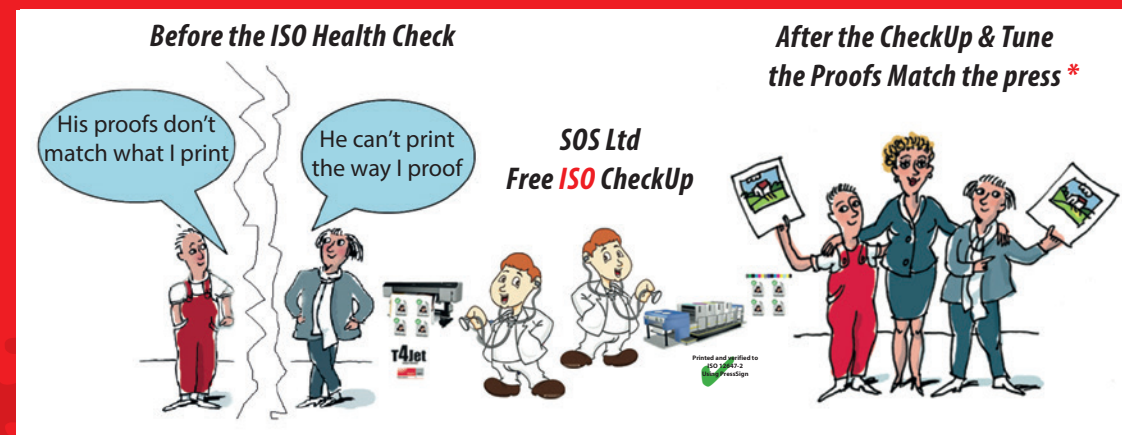
fogra | **cert**

Contract Proof Creation |

SOS Ltd are a Fogra Certified company. We offer colour compliance for your Proof and your press.

Fogra 39L and Fogra 46L are well known and established standards for commercial offset printing. To keep the Fogra standards relevant and up to date Fogra has introduced new Printing and proofing standards namely Fogra 51/52. The new standards reflect the changing nature of commercial print today. The most significant change has been the amount of

bleaching agents or Optical brightening agents used in papers on press. The result is that there is a much better match between the proof and final printed result on press.

SOS Ltd have installed certified proofing systems and helped printing companies produce commercially acceptable print with software and hardware to maintain it.

Before the ISO Health Check

After the CheckUp & Tune the Proofs Match the press *

His proofs don't match what I print

He can't print the way I proof

SOS Ltd Free ISO CheckUp

SOS offer CheckUp and Tune Services for your Proofer and your Press.
Ask your Technical Representative to arrange your free checkup for your press and proof.

Get ready for Fogra 51 and 52 Printing and Proofing standards.

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enfocus SWITCH

automate

Bottlenecks, turn around, integration, ganging lots of buzzwords for printers trying to increase business. Throwing people at the problems isn't the way forward for cost or availability.

So you need to *automate.* You need to have a workflow that can integrate with your MIS, RIPs, PreFlight, Find and Fix common issues, push Proofs for approval, the list goes on.

With Enfocus Switch, you'll see immediate effect including better margins, happier employees, higher quality, and much greater productivity.

● Spend less time on tedious tasks and more on creating revenue
● Automate existing business processes and see profits soar
● Automate anything – get creative with new business objectives
● Scale to any level, from mom & pop to enterprise production

SCREEN

Your partner for next-generation printing solutions

EQUIOS

Equios takes the very best features from its popular Trueflow system and updates them to fulfill the printing requirements of modern print shop/printers. All the conventional technologies such as impostion and trapping are adapted to make them work with Print On Demand presses, be they toner based or inkjet.

EQUIOS automates job management, including accurate imposition and consistent color management, across different output devices. EQUIOS uses a single interface to drive multi-device production at many levels of functionality, such as variable data printing.

The latest Adobe PDF Print Engine 2 core enables high-speed processing of large amounts of data, a key requirement of variable data printing. PDF files can be RIPed to Screen's Truepress JetSX inkjet sheetfed press, Truepress Jet520 variable data inkjet web press and PlateRite CTP recorders, along with inkjet and toner-based POD presses and proofers from other manufacturers. This workflow is fully JDF-compliant workflow which enables existing users to move easily from a PDF and PostScript workflow into a JDF-based environment and achieve seamless communication with Management Information Systems (MIS).

RIP/ Workflow Software

NAVIGATOR RIP

The first PDF 2.0 compliant RIP available, Navigator's Harlequin pedigree sets it apart from the competition. Xitron has sold over 35,000 Navigator RIPs around the world due to its consistency, speed, and rendering accuracy. Built-in features include user-defined resolutions up to 9,600 dpi, Harlequin Precision Flexo Screening with selectable dot shapes, and the ColorPro Color Management Module.

NAVIGATOR WORKFLOW

Intuitive, easy to configure and use, Navigator Workflow is a Client-Server based system. Clients can be installed on Mac and PC workstations throughout the shop and operators can maintain complete control of their jobs from submission to completion.

Navigator Flexo Suite is an integrated collection of workflow tools designed specifically for use with today's Flexographic Computer-to-Plate systems. It's a modular concept that allows the user to create precisely the functionality they require, based on work profile.

NAVIGATOR PLATE CONTROLLER

Tasked with assembling all your jobs and their various plates, Navigator Plate Controller employs a simple user interface along with drag & drop functionality.

SMARTFLEXO SCREENING

Take total control of your flexo screening needs with SmartFlexo screening. Adjust the settings to optimize results on plate and press by selecting AM to FM change points. Remove pixels from halftone dots and solid areas for better ink coverage with less ink. Maintain dots in hard-to-hold highlight areas with multiple SmartDot choices. Customize the response regardless of plate type.

CLOUDFLOW is a web-based application platform tailored for packaging graphics, which SOS recommends as a comprehensive solution for the flexo printer. It is Hybrid's modular workflow suite for file processing, asset management, soft proofing and workflow automation and has support for PDF, colour separation, trapping, screening, proofing and more.

MODULAR ARCHITECTURE

Modularity and scalability are fundamental characteristics of CLOUDFLOW. You can add and combine a large variety of functional modules for soft proofing, prepress

automation, RIPping, screening, job- and order lifecycle management and many more.

OPEN STANDARDS

CLOUDFLOW is completely built on open standards: it is web-based from the start (HTML5), uses PDF and XML all the way and supports all major industry standards such as CIP3, XMP and many others.

INDUSTRY 4.0

With its ability to run completely in the cloud, CLOUDFLOW offers a reliable platform to master the challenges of digital transformation and Industry 4.0.

RIP/ Workflow Software

Fiery XF7

Introducing the Fiery® XF 7 digital front end to your wide or super-wide print production is the easiest way to achieve superior colour results, gain maximum productivity, and profit from business insights.

Unrivalled print job management

Fiery XF 7 comes with a new user experience — EFI Fiery Command WorkStation, the world's most popular interface for the management, layout, and editing of digital print jobs. It conveniently connects to multiple Fiery servers at a time - whether driving inkjet or cut-sheet printers — and connects multiple printers to a single Fiery XF server for truly unified print job management through a single interface.

Maximum productivity and throughput

EFI's exclusive Fiery Accelerated System Technology (FAST RIP), now available for Fiery XF users, accelerates file processing speeds by an average of 5 times.

Ultimate colour, quality and control

Proof-grade colour controls and verification mean industry standard compliant colour results — no matter the application or product being produced. 100% EFI-developed colour management using ICC technology, combined with sophisticated iterative spot and process colour optimization routines deliver superior colour.

XF Production/ XF Proofing

Fiery XF Production is the perfect fit for inkjet print production; or for Proofing, **Fiery XF Proofing** is the ideal choice.

JobFlow

Fiery® JobFlow™ automates job preparation steps in prepress workflows to produce ready-to-print files.

PrepIt

Optimise your large format production with PrepIt; functions include job interlocking to reduce waste and maximise profitability.

SOS is part of the EFI Premier Partner Program and a certified Fiery Display Graphics Sales Specialist

RIP/ Workflow Software

FUJIFILM WORKFLOW
XMf
Workflow

- **Based on the Adobe Mercury Architecture for APPE (Adobe PDF Print Engine)**
- **Powerful and flexible imposition module for offset sheet and web printing**
- **Integrated preflighting, screening and colour management**
- **3D proofing**
- **Connectivity to print MIS systems**
- **Support for PDF/VT variable data printing**

By utilizing Adobe's Mercury Architecture for APPE, XMF Workflow is able to run as many APPE RIPs as a required to meet the most demanding production needs. Whether the need for workflow production speed is to drive high end digital presses for high speed variable data printing, or to maximize CTP production efficiency for peaks in production or to manage a rush order, XMF Workflow will dynamically run as many APPE RIPs as required.

ADVANCED PDF WORKFLOW FOR OFFSET AND DIGITAL PRINT APPLICATIONS

Fujifilm's XMF Workflow system provides end to end print production management from file submission and job approval through to final job layout and print. By providing an online portal to the workflow, XMF Remote allows both customer service staff and print buyers to be in control of production and have full visibility of print jobs as they pass through production.

XMF Workflow combined with XMF Remote is a powerful and flexible production hub that is built around Adobe PDF and industry standard JDF technologies. This combination offers a rich set of capabilities in online file submission and approval, pre-flighting, colour management, imposition and screening for a variety of output devices that include platesetters, digital presses and Fujifilm's Jet Press 750S digital inkjet press.

XMF Workflow provides true cross-media capability. With the ability to prepare a PDF for either CTP or digital output at the click of a mouse, XMF Workflow automatically applies the appropriate imposition, colour management and screening settings, maintaining data integrity and colour consistency throughout. XMF Workflow also allows for sections to be output to digital presses for proofing purposes.

XMF Remote

XMF Workflow

RIP/ Workflow Software

Kodak **PRINERGY EVO**

KODAK PRINERGY EVO Workflow is your engine for growth, today and tomorrow. Powerful automation helps keep cost, quality and business risk in control, freeing you to focus on meeting your strategic goals. PRINERGY EVO Workflow can help you improve productivity and profitability.

Evo essential bundle

▶ PRINERGY EVO Software
▶ 2 HiRes Output JTP for 8 page or smaller CTP Device
▶ Vector PDF output for digital printing
▶ 1 Concurrent client license
▶ COLORFLOW Workflow Edition
▶ Workflow templates
▶ PDF Production Tools - System-Wide Unlimited
▶ KODAK PREPS or PANDORA Floating License
▶ PrintLink CIP3 file export to set ink keys
▶ KODAK STACCATO Screening
▶ Advanced Preflight
▶ EVO Advanced Screening

Plus bundle

▶ All the features of Essential Bundle included
▶ PDF Batch Trapping
▶ COLORFLOW Pro

Pro bundle

▶ All the features of Plus Bundle included
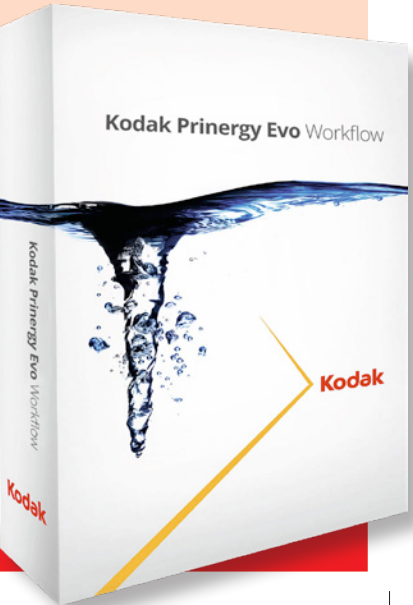▶ Advanced Preflight
▶ LoRes To File JTP

- Low cost of entry, faster return on investment
- Reliable high speed processing and flexible connectivity
- Open integration gives you a variety of output choices
- Delivers best-in-class quality output
- Easy installation and upgrades get you up and running within minutes with Dongle-less licensing
- Effectively handle modern graphic files with the latest APPE
- Affordable cost of entry with Windows support

Now available on a subscription model from SOS!

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